

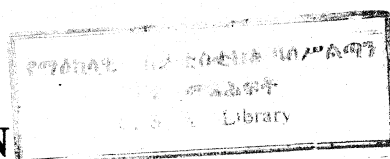
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**FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY**

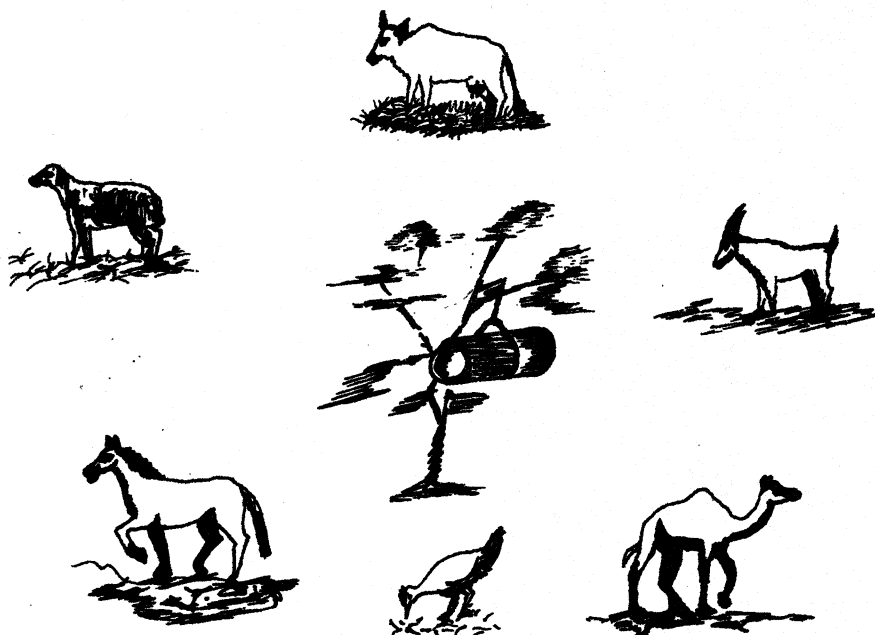
**AGRICULTURAL SAMPLE SURVEY
1997/98 (1990 E.C)**

VOLUME II

REPORT ON



**LIVESTOCK, POULTRY AND BEEHIVES POPULATION
(PRIVATE PEASANT HOLDINGS)**



**ADDIS ABABA
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Abbreviations

CSA		Central Statistical Authority
CV		Coefficient of Variation
E.C		Ethiopian Calendar
EA		Enumeration Area
SE		Standard Error
S.N.N.P.R		Southern, Nation, Nationalities, People's Region

Part I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1. INTRODUCTION

Ethiopia is basically an agricultural country where 85 % of the population earn their livelihood from agriculture. The livestock sub-sector which is an integral part of agriculture in the Ethiopian context contributes a substantial amount to the agricultural GDP. Currently there is a rapid growing demand for livestock data. Government, non-governmental organizations and private users need accurate livestock data for policy formulation and investment decisions.

In this regard, the Central Statistical Authority has been conducting an annual Agricultural Sample Surveys since 1980/81 (1973 E.C.) to provide information on certain livestock characteristics.

This bulletin, which is **volume II of the Agricultural Sample Survey, 1997/98 (1990 E.C)** presents the objectives of the survey, coverage and content of the survey, sample design, training of field staff, field organization, method of data collection, some basic concepts and definitions and survey results of Livestock, Poultry and Beehives. Furthermore, it presents appendices that comprise of the survey questionnaire, number of EAs sampled and actually covered, number of households planned to be covered and actually covered, estimation procedures, standard errors and coefficient of variation by type for livestock, poultry and beehives. Like wise, standard errors and coefficient of variation for cattle, sheep and goats by age and purposes are presented in the appendix at national and regional levels.

2. OBJECTIVE OF THE SURVEY

The general objective of the Agricultural Sample Survey (AgSS) was to collect basic quantitative information on the nation's agriculture that are considered essential for development planning and socio-economic policy formulation.

In particular, the objectives of the agricultural Sample survey were to estimate the total cultivated land; total production and yield of major crops per hectare; crop land uses (temporary and permanent); number of livestock and poultry by type, purpose, sex and age; number of beehives and honey production in the private peasant holdings for the country, regions and group of zones.

Part II

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

1. SCOPE, COVERAGE AND CONTENT OF THE SURVEY

The 1997/98 (1990 E.C.) livestock survey, which is part of the annual agricultural sample survey, covered the rural part of the country, except six zones in Somalie region and two zones in Afar region. Furthermore the survey coverage was limited to nine weredas out of 13 from the three covered zones in Somalie region and eight weredas out of 15 from the three covered zones in Afar region. Accordingly a total of 56 zones and 409 weredas were covered in the survey. The areas covered by the survey are given in Table A.

A total sample of 1420 EAs (2.84 % of the total EAs in the rural sedentary portion of the country) were selected for the survey. However, 25 EAs were "closed" (or not used) for various reasons beyond the control of the Authority and the survey succeeded in covering 1395 EAs (or 98.2 % of the original sample) . With respect to ultimate sampling units, it was planned to cover 58,425 agricultural households. The response rate was found to be 96.9 %. Distribution of sample units by domain (reporting levels) is given in Appendix II of this bulletin.

This volume deals with number of livestock by type, sex, age category, purpose, number of poultry by kind, number of beehives by type and total honey production for the country, regions and zones taken as reporting levels.

**Table A. AREAL COVERAGE OF THE 1997/98 (1990 E.C) AGRICULTURAL
SAMPLE SURVEY**

REGION	NUMBER OF ZONES			NUMBER OF WEREDAS	
	TOTAL	COVERED IN THE SURVEY	NOT COVERED IN THE SURVEY	PLANNED TO BE COVERED IN THE SURVEY	COVERED IN THE SURVEY
TIGRAY	4	4	-	34	31
AFAR ¹	5	3	2	8	7
AMHARA	11	10	1	93	92
OROMIYA	12	12	-	174	171
SOMALIE ²	9	3	6	9	9
BEN-GUMEZ	3	3	-	20	15
S.N.N.P.R.	14	14	-	74	72
GAMBELA	4	3	-	5	5
HARARI	1	1	1	1	1
A. ABABA ³	6	2	4	5	5
DIRE DAWA	1	1	-	1	1
TOTAL	70	56	14	424	409

Notes

- 1 - Afar region has a total of five zones, but only three zones have significant sedentary rural population.
- 2 - Somalie region has a total of nine zones, however only three zones have significant sedentary rural population.
- 3 - Addis Ababa has a total of six zones, however, only two zones have rural settled population. In the remaining four zones the entire population is urban residents.

S.N.N.P.R = Southern Nations and Nationalities Peoples' Region

2. BASIC CONCEPTS AND DEFINITIONS

The concepts and definitions used in the survey are defined as follows.

Enumeration Area (EA): An enumeration area in rural parts of the country is a locality that is less than or equal to a farmer's association area and usually consists of 150-200 households.

Households: A household may be either;

- a) a one person household, that is a person who makes provision for his own food or other essentials for living without combining with any other person to form part of a multi-person household, or
- b) a multi-person household, that is, a group of two or more people who live together and make common provision for food or other essentials for living. The persons in the group may pool their incomes and have a common budget to greater or lesser extent. They may be related or unrelated persons, or a combination of both.

Agricultural Households: A household is considered an agricultural household when at least one member of the household is engaged in growing crops and/or breeding and raising livestock in private or in partnership with others.

Holder: A holder is a person who exercises management control over the operations of the agricultural holding and makes the major decisions regarding the utilization of the available resources. He has technical and economic responsibility for the holding. He may operate the holding directly as an owner or as a manager.

Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without help of others, operates land or raises livestock in his own right, i.e. the person who decides on what, when, where and how to grow crops or raise

livestock and has the right to determine the utilization of the products.

Holding: A holding is all the land and livestock kept which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone, or with others, without regard to title, legal form, size or location.

Draught Animals: For this survey refer to animals that are engaged in activities such as ploughing, threshing... etc.

Dairy Cows: refer to any type of cow used to give milk previously and/or provide milk currently or have never given milk before and pregnant now. Heifers are not included in this category.

Milch cows: refer to cows actually milked during the year, Feb. 9, 1997 to Feb. 8, 1998.

Meat purpose: Cattle, sheep and goats reared only for meat purposes either for home consumption or for sale are defined as animals used for meat purposes.

Laying hens : refer to all hens and pullets of all types which have laid eggs during the year Feb. 9, 1997 to Feb. 8, 1998.

Other purposes: Cattle which participate in activities like transporting... etc. other than animals kept for draught, milk and beef purposes are categorized as cattle for other purposes. Moreover, sheep and goats that are kept for purposes other than breeding, wool, meat and milk production are included in this category.

3. SAMPLE DESIGN

A stratified two-stage sample design was used to select the sample in which the Primary Sampling Units (PSUs) were enumeration areas (EAs). Sample EAs from each domain were selected using systematic probability proportional to size; size being number of households obtained from the 1994 Population and Housing Census. Within each sample EA a fresh list of households was prepared at the beginning of the field work of the survey and for the administration of the survey questionnaire 40 agricultural households per sample EA were systematically selected.

Definition of the survey domains was based on both technical and resource considerations. More specifically, sample sizes for the domains were determined to enable provision of major indicators with reasonable precision subject to the resources that were available for the survey. Estimation procedures of parameters and their sampling error is presented in Appendix III.

4. FIELD ORGANIZATION

CSA Branch Statistical Office heads, fields supervisors, enumerators, experts from the head office, other support staff and drivers were involved in the operation of the survey. To accomplish the data collection all enumerators were equipped with the necessary survey equipment such as compass, protractor, ruler, measuring tapes, poles, ropes, sample bags, ...etc. Moreover, a number of four-wheel drive vehicles were used for supervision and collection of completed questionnaires.

5. TRAINING OF FIELD STAFF

The field staff training program was carried out in two stages. The first-stage consisted of trainees from the head office, Branch Statistical Office heads and some of the field supervisors being given training for one week at CSA's headquarters complex in Addis Ababa. Many of those trained in the first-stage conducted similar training for field supervisors and enumerators for 10 days in all of CSA's 15 branch offices which are distributed around the country. During this second-stage training, the field enumerator staff were given detailed classroom instruction on the objectives and uses of the AgSS, concepts and definitions of terms used, the method of area measurement, method of crop cutting, as well as correct interviewing procedures, ... etc. The enumerator's training also includes a field practice to reinforce the concepts discussed in the classroom with regard to field measurement and crop cutting data collection.

6. METHOD OF DATA COLLECTION

In each selected EA a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified agricultural households, 40 agricultural households were selected using a systematic sampling techniques. Thus all agricultural holders belonging to the sampled agricultural households were interviewed and the appropriate data collected. The reference date for enumerating livestock, poultry and beehives was Feb. 8, 1998.

7. DATA PROCESSING

A. EDITING, CODING AND VERIFICATION

The editing and coding instruction manuals were prepared, printed and intensive training was given to about 24 editors - coders. Following the initial editing and coding tasks, one professional staff member was assigned to facilitate the editing and coding activities. The edited and coded questionnaires were verified by 7 statistical technicians.

B. DATA ENTRY, CLEANING AND PROCESSING

About 20 data encoders participated in the data entry activity over a 55 day period. The data was entered in personal computers using IMPS (Integrated Microcomputer Processing System) software. Following data entry the data was checked and cleaned by four regular staff members. Finally, the data processing activity was summarized on personal computers (PCs) to produce the tables that were indicated in the original survey design tabulation plan.

Part III

SUMMARY OF THE RESULTS

1. NATIONAL DISTRIBUTION OF LIVESTOCK, POULTRY AND BEEHIVES

The estimated number and percentage distribution of livestock, poultry and beehives population of private holdings by type sex is presented in Table 1.

TABLE 1. Number and percentage distribution of LIVESTOCK, POULTRY and BEEHIVES population by type and sex, for private holdings, NATIONAL*, 1997/98 (1990 E.C).

(Number in Thousands)

TYPE AND SEX	MALE		FEMALE		TOTAL	
	Number	%	Number	%	Number	%
Cattle	15,928.88	24.73	19,442.89	30.19	35,371.77	54.92
Sheep	3,610.93	5.61	9,817.55	15.24	13,428.48	20.85
Goats	3,276.14	5.09	7,184.25	11.16	10,460.39	16.24
Horses	587.85	0.91	642.88	1.00	1,230.73	1.91
Asses	1,491.13	2.32	1,678.21	2.61	3,169.34	4.92
Mules	127.00	0.20	136.11	0.21	263.11	0.41
Camels	180.50	0.28	298.86	0.46	479.36	0.74
Total	25,202.43	39.13	39,200.75	60.87	64,403.18	100.00
Poultry	-	-	-	-	32,978.65	100.00
Beehives	-	-	-	-	3,100.46	100.00

* Urban and nomadic areas are not included.

As shown in Table 1, the total livestock population is estimated to be 64.4 million in which the share of cattle, sheep and goats is about 35.37 million (54.92%), 13.43 million (20.85%) and 10.46 million (16.24%), respectively. The remaining 5.14 million (7.98%) are draught animals. Among draught animals asses have a considerable share which amounts to 3.2 million. The total number of poultry population is estimated to be 33 million and the total number of beehives is 3.1 million.

As presented in Table 2, the livestock population of 1997/98 has increased by 4.54% as compared to that of 1996/97. This increment is attributed mainly by the increment of cattle population by 6.92%. Moreover, camels, mules and horses have increased by 115%, 25% and 15%, respectively. The increment in the female livestock population is 5.71% while that of male is 2.76%.

NOTE

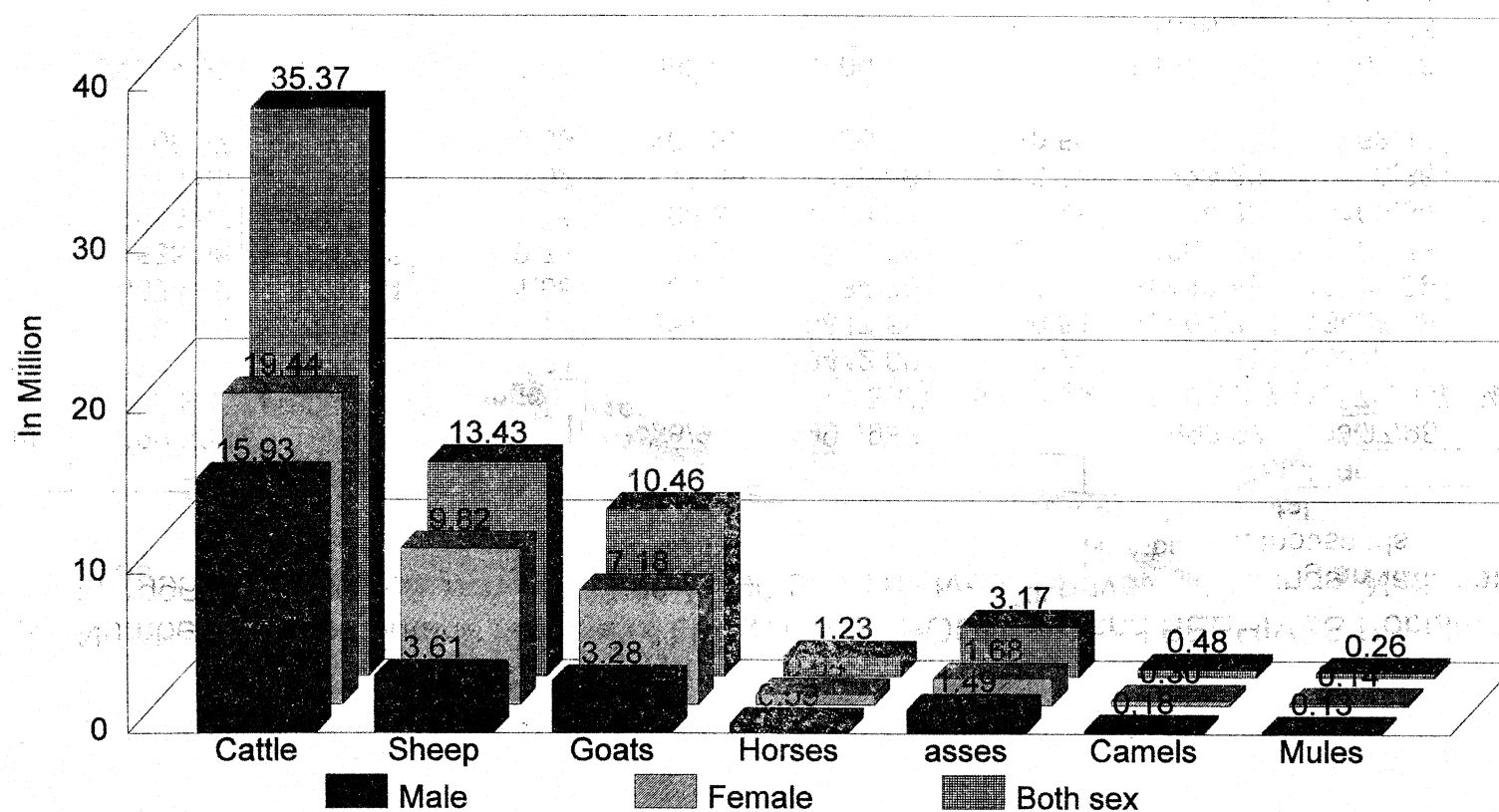
1. Some estimates represented by "..." in all reporting levels are excluded due to high coefficient of variation. However, they are incorporated in the total estimates. Hence, the sum of the specific estimates may not be equal to the total estimates.
2. Users are also advised to use cautiously those estimates with 30-50% coefficient of variation (CV).
3. Zonal sums may not be equal to regional or national totals because of rounding.
4. "-" indicates no data was reported.

Table 2. Number and Percentage change of LIVESTOCK, POULTRY and BEEHIVES Population in 1996/97 (1989 E.C) and 1997/98 (1990 E.C) by type, for private holdings, National.*
Number in thousands

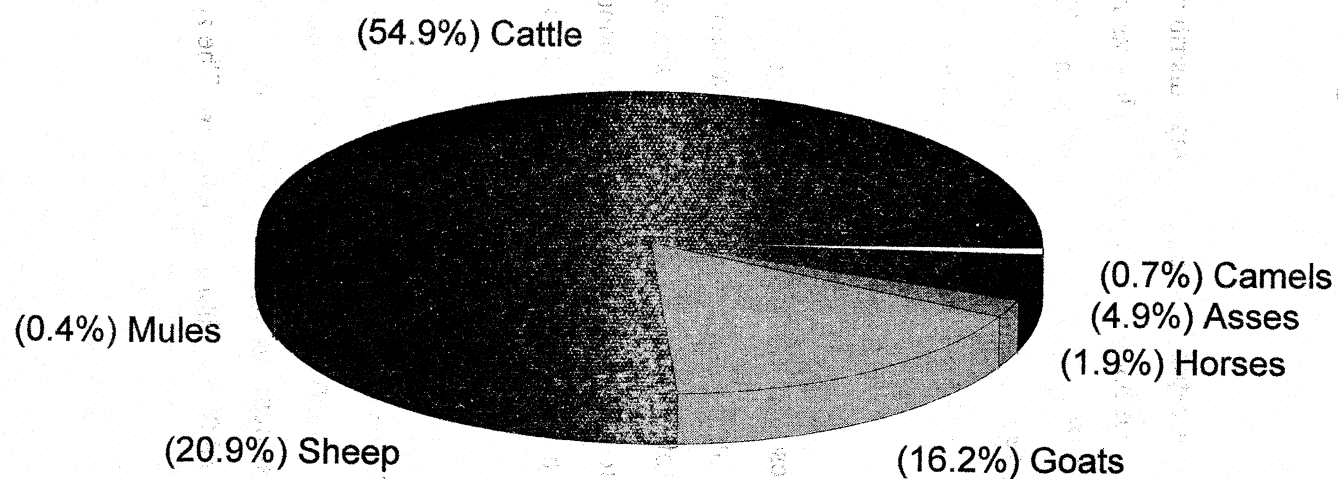
Type and Sex	Male			Female			Total		
	1996/97 (1989 E.C)	1997/98 (1990 E.C)	% change	1996/97 (1989 E.C)	1997/98 (1990 E.C)	% change	1996/97 (1989 E.C)	1997/98 (1990 E.C)	% change
Cattle	15285.31	15928.88	4.21	17797.84	19442.89	9.24	33083.15	35371.77	6.92
Sheep	3597.04	3610.93	0.39	9867.75	9817.55	-0.51	13464.79	13428.48	-0.27
Goats	3328.79	3276.14	-1.58	7084.67	7184.25	1.41	10413.46	10460.39	0.45
Horses	535.66	587.85	9.74	531.85	642.88	20.88	1067.51	1230.73	15.29
Asses	1546.07	1491.13	-3.55	1598.56	1678.21	4.98	3144.63	3169.34	0.79
Camels	125.68	180.5	43.62	97.55	298.86	206.37	223.23	479.36	114.74
Mules	106.37	127	19.39	104.25	136.11	30.56	210.62	263.11	24.92
Total	24524.92	25202.43	2.76	37082.47	39200.75	5.71	61607.39	64403.18	4.54
Poultry	-	-	-	-	-	-	35166.5	32978.65	-6.22
Beehives	-	-	-	-	-	-	3364.19	3100.46	-7.84

* Excluding Nomadic and Urban areas.

**FIG. 1 Number of Livestock by sex,
Private Holdings, 1997/98 (1990 E.C)**



**FIG. 2 Percentage Distribution of Livestock ,
Private Holdings, 1997/98 (1990 E.C)**



2. REGIONAL AND ZONAL DISTRIBUTION

2.1. CATTLE , SHEEP AND GOATS

The distribution of livestock, poultry and beehives by regions and zones are given in Tables 3 to 11.7 and a discussion for each species is given in the following paragraphs.

CATTLE

The number of cattle and its percentage distribution by regions is given in Table 3. As indicated in this table, the highest number of cattle was reported in Oromia Region which is around 15.5 million (43.76%), followed by Amhara and S.N.N.P Regions which have reported about 8.8 million (24.84%) and 6.8 million (19.3%), respectively. The number of cattle and their percentage share by zones are given in Tables 3.1 - 3.7.

SHEEP

Table 4 presents the estimated total number of sheep for private holdings at about 13.4 million. Of this, Oromia Region has reported the largest number or 38% of the total. Regarding zonal distribution of sheep, South Wolo in Amhara, Arsi in Oromia and East Tigray in Tigray Regions are found to be dominant in their sheep population. Sheep population and their percentage distribution by zones are shown in Tables 4.1 - 4.7.

GOATS

Table 5 presents the regional distribution of goats population. A significant number of goats are reported in Amhara and Oromia regions, about 3 million each and constitute close to 58% of the national goat population. Moreover, Tigray, S.N.N.P.R and Afar regions have reported about 1.54, 1.46 and 0.77 million, respectively. The zonal distribution of goats are given in Tables 5.1 - 5.7.

TABLE 3 Number and Percentage Distribution of CATTLE by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	1,272.15	7.99	1,314.19	6.76	2,586.34	7.31
Afar	227.37	1.43	540.60	2.78	767.97	2.17
Amhara	4,539.43	28.50	4,246.12	21.84	8,785.55	24.84
Oromia	7,055.29	44.29	8,423.77	43.33	15,479.06	43.76
Somali	168.21	1.06	322.67	1.66	490.88	1.39
Benshangule	142.01	.89	178.03	.92	320.04	.90
S.N.N.P.R	2,479.61	15.57	4,347.41	22.36	6,827.02	19.30
Gambela	4.35	.03	11.34	.06	15.69	.04
Harari	11.54	.07	16.55	.09	28.09	.08
Addis Ababa	14.21	.09	12.28	.06	26.49	.07
Dire Dawa	14.70	.09	29.95	.15	44.65	.13
Total	15,928.88	100.00	19,442.89	100.00	35,371.77	100.00

TABLE 3.1 Number and Percentage Distribution of CATTLE by Sex and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	486.06	38.21	597.81	45.49	1,083.87	41.91
Central Tigray	359.58	28.27	317.21	24.14	676.79	26.17
East Tigray	193.11	15.18	182.07	13.85	375.18	14.51
South Tigray	233.40	18.35	217.09	16.52	450.49	17.42
Total	1,272.15	100.00	1,314.19	100.00	2,586.34	100.00

TABLE 3.2 Number and Percentage Distribution of CATTLE by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	35.70	15.70	108.29	20.03	143.99	18.75
Zone 3	153.36	67.45	298.11	55.14	451.47	58.79
Zone 5	38.31	16.85	134.20	24.82	172.51	22.46
Total	227.37	100.00	540.60	100.00	767.97	100.00

TABLE 3.3 Number and Percentage Distribution of CATTLE by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	728.32	16.04	763.43	17.98	1,491.75	16.98
South Gondar	589.96	13.00	545.61	12.85	1,135.57	12.93
North Wolo	294.66	6.49	325.64	7.67	620.30	7.06
South Wolo	691.35	15.23	677.03	15.94	1,368.38	15.58
North Shewa	520.48	11.47	369.89	8.71	890.37	10.13
East Gojam	611.26	13.47	491.90	11.58	1,103.16	12.56
West Gojam	642.18	14.15	545.94	12.86	1,188.12	13.52
Waghamra	128.56	2.83	134.86	3.18	263.42	3.00
Agewawi	213.46	4.70	257.10	6.05	470.56	5.36
Oromia	119.21	2.63	134.73	3.17	253.94	2.89
Total	4,539.43	100.00	4,246.12	100.00	8,785.55	100.00

TABLE 3.4 Number and Percentage Distribution of CATTLE by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	500.97	7.10	581.74	7.10	1,082.71	6.99
East Welega	567.64	8.05	626.12	8.05	1,193.76	7.71
Ilubabor	309.13	4.38	326.07	4.38	635.20	4.10
Jima	722.75	10.24	776.70	10.24	1,499.45	9.69
West Shewa	953.49	13.51	957.64	13.51	1,911.13	12.35
North Shewa	510.67	7.24	507.11	7.24	1,017.78	6.58
East Shewa	509.81	7.23	509.46	7.23	1,019.27	6.58
Arsi	1,139.79	16.16	1,369.45	16.16	2,509.24	16.21
West Harerge	348.92	4.95	425.43	4.95	774.35	5.00
East Harerge	396.87	5.63	580.72	5.63	977.59	6.32
Bale and Borena	627.22	8.89	812.48	8.89	1,439.70	9.30
Borena	468.03	6.63	950.87	6.63	1,418.90	9.17
Total	7,055.29	100.00	8,423.77	100.00	15,479.06	100.00

TABLE 3.5 Number and Percentage Distribution of CATTLE by Sex and Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Shinle	6.75	4.01	16.33	5.06	23.08	4.70
Jijiga	113.77	67.64	209.63	64.97	323.40	65.88
Moyale	47.68	28.35	96.71	29.97	144.39	29.41
Total	168.21	100.00	322.67	100.00	490.88	100.00

TABLE 3.6 Number and Percentage Distribution of CATTLE by Sex and Zones in Benshangul-Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Metkel	71.50	50.35	86.68	48.69	158.18	49.43
Asosa	52.13	36.71	63.37	35.60	115.50	36.09
Kemeshi	**	**	**	**	46.35	14.48
Total	142.01	100.00	178.03	100.00	320.04	100.00

TABLE 3.7 Number and Percentage Distribution of CATTLE by Sex, Zones and special weredas in S.N.N.P.Region for Private Holdings, 1997/98 (1990 E.C.)
Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	415.64	16.76	793.42	18.25	1,209.06	17.71
Hadiya	262.82	10.60	391.17	9.00	653.99	9.58
Kembata Alaba Tembaro	192.63	7.77	273.14	6.28	465.77	6.82
Sidama	304.03	12.26	1,005.68	23.13	1,309.71	19.18
Gedio	47.94	1.93	74.20	1.71	122.14	1.79
North Omo	668.17	26.95	1,046.34	24.07	1,714.51	25.11
South Omo	189.93	7.66	222.84	5.13	412.77	6.05
Keficho-Shekicho	210.45	8.49	275.25	6.33	485.70	7.11
Bench-Maji	78.45	3.16	133.92	3.08	212.37	3.11
Yem Special Wereda	22.13	.89	25.03	.58	47.16	.69
Amaro Special Wereda	23.76	.96	34.99	.80	58.75	.86
Burji Special Wereda	17.96	.72	13.77	.32	31.73	.46
Konso Special Wereda	29.07	1.17	40.61	.93	69.68	1.02
Derashe Special Wereda	16.65	.67	17.07	.39	33.72	.49
Total	2,479.61	100.00	4,347.41	100.00	6,827.02	100.00

TABLE 4 Number and Percentage Distribution of SHEEP by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	317.89	8.80	828.52	8.44	1,146.41	8.54
Afar	164.05	4.54	323.89	3.30	487.94	3.63
Amhara	1,146.78	31.76	3,090.58	31.48	4,237.36	31.56
Oromia	1,283.04	35.53	3,805.39	38.76	5,088.43	37.89
Somali	76.05	2.11	194.91	1.99	270.96	2.02
Benshangule	22.97	.64	58.47	.60	81.44	.61
S.N.N.P.R	586.64	16.25	1,482.13	15.10	2,068.76	15.41
Gambela	2.47	.07	5.25	.05	7.72	.06
Harari	1.00	.03	2.04	.02	3.05	.02
Addis Ababa	2.72	.08	5.85	.06	8.57	.06
Dire Dawa	7.32	.20	20.52	.21	27.84	.21
Total	3,610.93	100.00	9,817.55	100.00	13,428.48	100.00

TABLE 4.1 Number and Percentage Distribution of SHEEP by Sex and Zones in Tigray for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	48.91	15.39	86.97	10.50	135.87	11.85
Central Tigray	70.00	22.02	207.29	25.02	277.29	24.19
East Tigray	139.43	43.86	366.89	44.28	506.32	44.17
South Tigray	59.55	18.73	167.37	20.20	226.92	19.79
Total	317.89	100.00	828.52	100.00	1,146.41	100.00

TABLE 4.2 Number and Percentage Distribution of SHEEP by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	23.30	14.20	58.54	18.07	81.84	16.77
Zone 3	125.57	76.54	227.93	70.37	353.51	72.45
Zone 5	15.17	9.25	37.41	11.55	52.59	10.78
Total	164.05	100.00	323.89	100.00	487.94	100.00

TABLE 4.3 Number and Percentage Distribution of SHEEP by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	61.88	5.40	177.14	5.73	239.02	5.64
South Gondar	135.28	11.80	390.69	12.64	525.97	12.41
North Wolo	141.41	12.33	373.91	12.10	515.32	12.16
South Wolo	250.32	21.83	724.06	23.43	974.37	22.99
North Shewa	224.46	19.57	471.40	15.25	695.85	16.42
East Gojam	153.24	13.36	499.51	16.16	652.76	15.40
West Gojam	67.30	5.87	160.09	5.18	227.39	5.37
Waghamra	62.94	5.49	146.57	4.74	209.50	4.94
Agewawi	34.21	2.98	128.60	4.16	162.81	3.84
Oromia	15.74	1.37	18.62	.60	34.37	.81
Total	1,146.78	100.00	3,090.58	100.00	4,237.36	100.00

TABLE 4.4 Number and Percentage Distribution of SHEEP by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	73.05	5.69	206.83	5.69	279.88	5.50
East Welega	67.76	5.28	206.23	5.28	273.99	5.38
Ilubabor	63.68	4.96	217.61	4.96	281.29	5.53
Jima	127.87	9.97	426.08	9.97	553.95	10.89
West Shewa	143.43	11.18	423.51	11.18	566.93	11.14
North Shewa	162.32	12.65	577.67	12.65	740.00	14.54
East Shewa	71.59	5.58	148.89	5.58	220.48	4.33
Arsi	327.96	25.56	963.91	25.56	1,291.88	25.39
West Harerge	27.90	2.17	75.37	2.17	103.27	2.03
East Harerge	40.52	3.16	106.86	3.16	147.38	2.90
Bale and Borena	71.09	5.54	208.34	5.54	279.42	5.49
Borena	105.87	8.25	244.10	8.25	349.97	6.88
Total	1,283.04	100.00	3,805.39	100.00	5,088.43	100.00

TABLE 4.5 Number and Percentage Distribution of SHEEP by Sex and Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Shinle	18.82	24.75	44.03	22.59	62.85	23.20
Jijiga	27.83	36.59	95.63	49.06	123.46	45.56
Moyale	29.39	38.65	55.26	28.35	84.65	31.24
Total	76.05	100.00	194.91	100.00	270.96	100.00

TABLE 4.6 Number and Percentage Distribution of SHEEP by Sex and Zones in Benshangul-Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Metkel	9.52	41.45	27.95	47.80	37.47	46.01
Asosa	7.99	34.78	15.01	25.67	23.00	28.24
Kemeshi	**	**	**	**	20.97	25.75
Total	22.97	100.00	58.47	100.00	81.44	100.00

TABLE 4.7 Number and Percentage Distribution of SHEEP by Sex, Zones and special weredas in S.N.N.P Region for Private Holdings, 1997/98 (1990 E.C.)
Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	99.03	16.88	263.95	17.81	362.98	17.55
Hadiya	48.73	8.31	126.25	8.52	174.97	8.46
Kembata Alaba Tembaro	37.82	6.45	79.61	5.37	117.42	5.68
Sidama	48.33	8.24	203.92	13.76	252.24	12.19
Gedio	37.52	6.40	94.99	6.41	132.51	6.41
North Omo	81.48	13.89	227.24	15.33	308.73	14.92
South Omo	114.40	19.50	195.55	13.19	309.95	14.98
Keficho-Shekicho	69.82	11.90	161.85	10.92	231.67	11.20
Bench-Maji	23.55	4.01	76.59	5.17	100.15	4.84
Yem Special Wereda	3.06	.52	13.93	.94	16.99	.82
Amaro Special Wereda	2.16	.37	8.20	.55	10.36	.50
Burji Special Wereda	**	**	.67	.05	1.06	.05
Konso Special Wereda	17.51	2.98	23.96	1.62	41.47	2.00
Derashe Special Wereda	2.83	.48	5.43	.37	8.26	.40
Total	586.64	100.00	1,482.13	100.00	2,068.76	100.00

TABLE 5 Number and Percentage Distribution of GOATS by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	479.60	14.64	1,064.05	14.81	1,543.65	14.76
Afar	223.43	6.82	546.57	7.61	770.00	7.36
Amhara	972.97	29.70	2,048.64	28.52	3,021.61	28.89
Oromia	919.86	28.08	2,069.38	28.80	2,989.24	28.58
Somali	116.54	3.56	281.34	3.92	397.88	3.80
Benshangule	56.08	1.71	121.09	1.69	177.17	1.69
S.N.N.P.R	481.47	14.70	976.37	13.59	1,457.84	13.94
Gambela	3.46	.11	5.68	.08	9.14	.09
Harari	4.45	.14	10.65	.15	15.10	.14
Addis Ababa	1.39	.04	2.55	.04	3.94	.04
Dire Dawa	16.90	.52	57.95	.81	74.85	.72
Total	3,276.14	100.00	7,184.25	100.00	10,460.39	100.00

TABLE 5.1 Number and Percentage Distribution of GOATS by Sex and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	189.25	39.46	420.80	39.55	610.05	39.52
Central Tigray	214.25	44.67	487.63	45.83	701.88	45.47
East Tigray	51.63	10.77	104.75	9.84	156.38	10.13
South Tigray	24.46	5.10	50.87	4.78	75.33	4.88
Total	479.60	100.00	1,064.05	100.00	1,543.65	100.00

TABLE 5.2 Number and Percentage Distribution of GOATS by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	24.39	10.92	55.86	10.22	80.25	10.42
Zone 3	154.00	68.93	310.49	56.81	464.49	60.32
Zone 5	45.04	20.16	180.23	32.97	225.27	29.26
Total	223.43	100.00	546.57	100.00	770.00	100.00

TABLE 5.3 Number and Percentage Distribution of GOATS by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	132.32	13.60	296.17	14.46	428.49	14.18
South Gondar	140.90	14.48	316.80	15.46	457.70	15.15
North Wolo	65.14	6.69	159.14	7.77	224.28	7.42
South Wolo	183.03	18.81	392.90	19.18	575.93	19.06
North Shewa	151.00	15.52	244.26	11.92	395.26	13.08
East Gojam	64.69	6.65	158.11	7.72	222.80	7.37
West Gojam	91.06	9.36	164.71	8.04	255.77	8.46
Waghamra	90.87	9.34	203.56	9.94	294.43	9.74
Agewawi	24.73	2.54	51.66	2.52	76.39	2.53
Oromia	29.23	3.00	61.31	2.99	90.54	3.00
Total	972.97	100.00	2,048.64	100.00	3,021.61	100.00

TABLE 5.4 Number and Percentage Distribution of GOATS by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	32.05	3.48	81.61	3.48	113.66	3.80
East Welega	40.14	4.36	103.97	4.36	144.11	4.82
Ilubabor	17.89	1.94	51.67	1.94	69.56	2.33
Jima	45.48	4.94	134.92	4.94	180.40	6.03
West Shewa	66.19	7.20	120.76	7.20	186.95	6.25
North Shewa	32.26	3.51	57.85	3.51	90.11	3.01
East Shewa	109.85	11.94	251.05	11.94	360.90	12.07
Arsi	115.20	12.52	266.29	12.52	381.49	12.76
West Harerge	77.35	8.41	212.75	8.41	290.10	9.70
East Harerge	140.35	15.26	300.73	15.26	441.08	14.76
Bale and Borena	66.02	7.18	158.07	7.18	224.09	7.50
Borena	177.07	19.25	329.72	19.25	506.79	16.95
Total	919.86	100.00	2,069.38	100.00	2,989.24	100.00

TABLE 5.5 Number and Percentage Distribution of GOATS by Sex and Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Shinle	26.99	23.16	64.29	22.85	91.28	22.94
Jijiga	23.45	20.12	55.53	19.74	78.98	19.85
Moyale	66.10	56.72	161.52	57.41	227.62	57.21
Total	116.54	100.00	281.34	100.00	397.88	100.00

TABLE 5.6 Number and Percentage Distribution of GOATS by Sex and Zones in Benshangul-Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Metkel	18.29	32.61	43.02	35.53	61.31	34.61
Asosa	22.02	39.27	44.74	36.95	66.76	37.68
Kemeshi	15.77	28.12	33.33	27.52	49.10	27.71
Total	56.08	100.00	121.09	100.00	177.17	100.00

TABLE 5.7 Number and Percentage Distribution of GOATS by Sex, Zones and special weredas in S.N.N.P Region for Private Holdings, 1997/98 (1990 E.C.)
Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	40.42	8.40	103.97	10.65	144.39	9.90
Hadiya	30.77	6.39	60.33	6.18	91.10	6.25
Kembata Alaba Tembaro	20.07	4.17	57.79	5.92	77.86	5.34
Sidama	38.75	8.05	102.48	10.50	141.23	9.69
Gedio	4.32	.90	10.56	1.08	14.88	1.02
North Omo	73.62	15.29	194.61	19.93	268.23	18.40
South Omo	168.07	34.91	240.07	24.59	408.14	28.00
Keficho-Shekicho	32.48	6.75	69.26	7.09	101.74	6.98
Bench-Maji	18.26	3.79	38.75	3.97	57.01	3.91
Yem Special Wereda	2.96	.61	9.76	1.00	12.72	.87
Amaro Special Wereda	9.01	1.87	21.11	2.16	30.12	2.07
Burji Special Wereda	5.55	1.15	10.39	1.06	15.94	1.09
Konso Special Wereda	29.25	6.08	42.68	4.37	71.93	4.93
Derashe Special Wereda	7.95	1.65	14.62	1.50	22.57	1.55
Total	481.47	100.00	976.37	100.00	1,457.84	100.00

2.2. DRAUGHT ANIMALS

HORSES

The regional distribution of horses is given in Table 6. As shown in this table, the three regions, i.e. Oromia, Amhara and S.N.N.P.R constitute over 99% of the total horse population of which Oromia's share is about 64% . Lowland regions like Afar, Somali and Dire Dawa did not report horses at all. The zonal distribution of horses are given in Tables 6.1 - 6.5.

ASSES

As shown in Table 7, all regions except Gambela have reported asses which is about 3.2 million . Regarding regional distribution, Oromia and Amhara have reported 1.3 (41.0%) and 1.2 (37.8%) million asses, respectively. Moreover, Tigray and S.N.N.P regions have reported 340 and 200 thousand asses, respectively. Zonal distribution of asses are given in Tables 7.1 - 7.7.

MULES

The total number of mules in the country is estimated to be about 263 thousand. From this total population, about 127 thousand, (48.3%) are males where as 136 thousand, (51.7%) are females. Out of the total mule population Amhara, Oromia and S.N.N.P regions account for 94.65%. Except Somali, Gambela, Harari and Dire Dawa all regions have reported mules . Zonal distribution of mules are given in Tables 8.1 - 8.6.

CAMELS

The coverage of the 1997/98 Agricultural Sample Survey was extended and hence areas where camels are predominantly found were included in the survey. As a result, the estimated number of camels in 1997/98 increased significantly as compared to the previous year. Lowland regions, like Afar and Somali account for 80% of the total camel population and Oromia region contribute about 15% of the national estimate. The result of the survey indicates that there are about 479 thousand camels at national level. See table 9. In a similar way, zonal distribution of camels are given in Tables 9.1 - 9.5.

TABLE 6 Number and Percentage Distribution of HORSES by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	**	**	.54	.08	1.18	.10
Afar	-	-	-	-	-	-
Amhara	99.16	16.87	134.62	20.94	233.78	19.00
Oromia	385.90	65.65	400.16	62.24	786.06	63.87
Somali	-	-	-	-	-	-
Benshangule	.33	.06	**	**	.95	.08
S.N.N.P.R	101.19	17.21	106.89	16.63	208.08	16.91
Gambela	**	**	-	-	**	**
Harari	-	-	-	-	-	-
Addis Ababa	.55	.09	**	**	.59	.05
Dire Dawa	-	-	-	-	-	-
Total	587.85	100.00	642.88	100.00	1,230.73	100.00

TABLE 6.1 Number and Percentage Distribution of HORSES by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	7.78	7.85	6.54	4.86	14.32	6.13
South Gondar	5.50	5.55	12.65	9.40	18.15	7.76
North Wolo	15.83	15.96	20.29	15.07	36.12	15.45
South Wolo	9.81	9.89	23.30	17.31	33.11	14.16
North Shewa	7.67	7.73	17.70	13.15	25.37	10.85
East Gojam	24.54	24.75	26.56	19.73	51.10	21.86
West Gojam	1.30	1.31	2.20	1.63	3.50	1.50
Waghamra	.07	.07	.13	.10	.20	.09
Agewawi	26.53	26.75	24.88	18.48	51.41	21.99
Oromia	.12	.12	.39	.29	.51	.22
Total	99.16	100.00	134.62	100.00	233.78	100.00

TABLE 6.2 Number and Percentage Distribution of HORSES by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	**	**	**	**	**	**
East Welega	18.65	4.83	**	**	37.27	4.74
Ilubabor	10.67	2.76	15.78	2.76	26.45	3.36
Jima	18.21	4.72	44.60	4.72	62.81	7.99
West Shewa	80.05	20.74	60.96	20.74	141.01	17.94
North Shewa	23.80	6.17	34.70	6.17	58.50	7.44
East Shewa	9.61	2.49	**	**	11.88	1.51
Arsi	128.03	33.18	130.06	33.18	258.09	32.83
West Harerge	**	**	**	**	**	**
East Harerge	-	-	**	**	**	**
Bale and Borena	50.22	13.01	39.69	13.01	89.91	11.44
Borena	44.69	11.58	47.96	11.58	92.65	11.79
Total	385.90	100.00	400.16	100.00	786.06	100.00

TABLE 6.3 Number and Percentage Distribution of HORSES by Sex, Zone and special weredas in S.N.N.P.Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	21.65	21.40	33.29	31.14	54.94	26.40
Hadiya	12.80	12.65	13.33	12.47	26.13	12.56
Kembata Alaba Tembaro	4.87	4.81	5.27	4.93	10.14	4.87
Sidama	15.77	15.58	17.83	16.68	33.60	16.15
Gedio	11.10	10.97	7.94	7.43	19.04	9.15
North Omo	**	**	**	**	**	**
South Omo	2.06	2.04	2.34	2.19	4.40	2.11
Keficho-Shekicho	21.01	20.76	8.70	8.14	29.71	14.28
Bench-Maji	2.18	2.15	4.04	3.78	6.22	2.99
Yem Special Wereda	.17	.17	.37	.35	.54	.26
Amaro Special Wereda	.62	.61	.87	.81	1.49	.72
Burji Special Wereda	-	-	-	-	-	-
Konso Special Wereda	-	-	-	-	-	-
Derashe Special Wereda	-	-	**	**	**	**
Total	101.19	100.00	106.89	100.00	208.08	100.00

TABLE 7 Number and Percentage Distribution of ASSES by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	180.52	12.11	156.08	9.30	336.60	10.62
Afar	16.51	1.11	25.43	1.52	41.94	1.32
Amhara	508.05	34.07	689.82	41.10	1,197.87	37.80
Oromia	632.22	42.40	667.82	39.79	1,300.04	41.02
Somali	26.61	1.78	21.00	1.25	47.61	1.50
Benshangule	18.36	1.23	7.74	.46	26.10	.82
S.N.N.P.R	98.53	6.61	103.37	6.16	201.90	6.37
Gambela	-	-	-	-	-	-
Harari	2.80	.19	1.35	.08	4.15	.13
Addis Ababa	3.85	.26	1.10	.07	4.95	.16
Dire Dawa	3.69	.25	4.50	.27	8.19	.26
Total	1,491.13	100.00	1,678.21	100.00	3,169.34	100.00

TABLE 7.1 Number and Percentage Distribution of ASSES by Sex and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	54.78	30.35	44.42	28.46	99.20	29.47
Central Tigray	42.58	23.59	47.85	30.66	90.43	26.87
East Tigray	43.53	24.11	28.19	18.06	71.72	21.31
South Tigray	39.63	21.95	35.61	22.82	75.24	22.35
Total	180.52	100.00	156.08	100.00	336.60	100.00

TABLE 7.2 Number and Percentage Distribution of ASSES by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	1.00	6.06	.46	1.81	1.46	3.48
Zone 3	10.83	65.60	15.86	62.37	26.69	63.64
Zone 5	4.69	28.41	9.11	35.82	13.80	32.90
Total	16.51	100.00	25.43	100.00	41.94	100.00

TABLE 7.3 Number and Percentage Distribution of ASSES by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	75.72	14.90	109.87	15.93	185.59	15.49
South Gondar	51.58	10.15	96.39	13.97	147.97	12.35
North Wolo	47.04	9.26	56.68	8.22	103.72	8.66
South Wolo	79.67	15.68	110.82	16.07	190.49	15.90
North Shewa	91.19	17.95	108.48	15.73	199.67	16.67
East Gojam	71.77	14.13	87.55	12.69	159.32	13.30
West Gojam	54.22	10.67	69.43	10.06	123.65	10.32
Waghamra	19.24	3.79	19.06	2.76	38.30	3.20
Agewawi	6.11	1.20	15.76	2.28	21.87	1.83
Oromia	11.51	2.27	15.77	2.29	27.28	2.28
Total	508.05	100.00	689.82	100.00	1,197.87	100.00

TABLE 7.4 Number and Percentage Distribution of ASSES by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	28.83	4.56	48.15	4.56	76.98	5.92
East Welega	28.22	4.46	36.39	4.46	64.61	4.97
Ilubabor	1.87	.30	4.44	.30	6.31	.49
Jima	15.91	2.52	15.37	2.52	31.28	2.41
West Shewa	81.31	12.86	92.45	12.86	173.76	13.37
North Shewa	53.16	8.41	74.77	8.41	127.93	9.84
East Shewa	109.49	17.32	95.07	17.32	204.56	15.73
Arsi	94.30	14.92	104.60	14.92	198.90	15.30
West Harerge	47.22	7.47	45.81	7.47	93.03	7.16
East Harerge	72.46	11.46	46.36	11.46	118.82	9.14
Bale and Borena	68.70	10.87	71.13	10.87	139.83	10.76
Borena	30.75	4.86	33.27	4.86	64.02	4.92
Total	632.22	100.00	667.82	100.00	1,300.04	100.00

TABLE 7.5 Number and Percentage Distribution of ASSES by Sex and Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Shinle	2.61	9.81	2.47	11.76	5.08	10.67
Jijiga	14.81	55.66	11.35	54.05	26.16	54.95
Moyale	9.18	34.50	7.18	34.19	16.36	34.36
Total	26.61	100.00	21.00	100.00	47.61	100.00

TABLE 7.6 Number and Percentage Distribution of ASSES by Sex and Zones in Benshangul Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Metkel	10.74	58.50	1.98	25.58	12.72	48.74
Asosa	5.87	31.97	5.52	71.32	11.39	43.64
Kemeshi	1.75	9.53	.24	3.10	1.99	7.62
Total	18.36	100.00	7.74	100.00	26.10	100.00

TABLE 7.7 Number and Percentage Distribution of ASSES by Sex, Zones and Special wereds in S.N.N.P Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	24.10	24.46	28.74	27.80	52.84	26.17
Hadiya	14.32	14.53	16.65	16.11	30.97	15.34
Kembata Alaba Tembaro	13.57	13.77	23.41	22.65	36.98	18.32
Sidama	18.19	18.46	24.77	23.96	42.96	21.28
Gedio	2.86	2.90	1.01	.98	3.87	1.92
North Omo	17.41	17.67	2.84	2.75	20.25	10.03
South Omo	**	**	**	**	**	**
Keficho-Shekicho	.54	.55	**	**	.79	.39
Bench-Maji	.25	.25	.06	.06	.31	.15
Yem Special Wereda	.64	.65	.89	.86	1.53	.76
Amaro Special Wereda	.46	.47	.48	.46	.94	.47
Burji Special Wereda	1.10	1.12	.89	.86	1.99	.99
Konso Special Wereda	1.11	1.13	.76	.74	1.87	.93
Derashe Special Wereda	2.72	2.76	1.21	1.17	3.93	1.95
Total	98.53	100.00	103.37	100.00	201.90	100.00

TABLE 8 Number and Percentage Distribution of MULES by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	4.82	3.80	7.65	5.62	12.47	4.74
Afar	.71	.56	.34	.25	1.05	.40
Amhara	36.11	28.43	48.07	35.32	84.18	31.99
Oromia	51.58	40.61	52.94	38.90	104.52	39.72
Somali	-	-	-	-	-	-
Benshangule	.15	.12	.20	.15	.35	.13
S.N.N.P.R	33.48	26.36	26.88	19.75	60.36	22.94
Gambela	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Addis Ababa	.12	.09	.04	.03	.16	.06
Dire Dawa	-	-	-	-	-	-
Total	127.00	100.00	136.11	100.00	263.11	100.00

TABLE 8.1 Number and Percentage Distribution of MULES by Sex and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	.72	14.94	1.03	13.46	1.75	14.03
Central Tigray	.28	5.81	.88	11.50	1.16	9.30
East Tigray	3.42	70.95	3.67	47.97	7.09	56.86
South Tigray	.40	8.30	2.07	27.06	2.47	19.81
Total	4.82	100.00	7.65	100.00	12.47	100.00

TABLE 8.2 Number and Percentage Distribution of MULES by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	-	-	-	-	-	-
Zone 3	.71	100.00	.34	100.00	1.05	100.00
Zone 5	-	-	-	-	-	-
Total	.71	100.00	.34	100.00	1.05	100.00

TABLE 8.3 Number and Percentage Distribution of MULES by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	3.50	9.69	2.69	5.60	6.19	7.35
South Gondar	5.51	15.26	5.51	11.46	11.02	13.09
North Wolo	4.29	11.88	5.25	10.92	9.54	11.33
South Wolo	8.32	23.04	17.35	36.09	25.67	30.49
North Shewa	5.50	15.23	5.61	11.67	11.11	13.20
East Gojam	6.33	17.53	4.56	9.49	10.89	12.94
West Gojam	.56	1.55	4.30	8.95	4.86	5.77
Waghamra	1.14	3.16	1.67	3.47	2.81	3.34
Agewawi	.80	2.22	.61	1.27	1.41	1.67
Oromia	.17	.47	.52	1.08	.69	.82
Total	36.11	100.00	48.07	100.00	84.18	100.00

TABLE 8.4 Number and Percentage Distribution of MULES by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	5.85	11.34	2.45	11.34	8.30	7.94
East Welega	5.00	9.69	3.08	9.69	8.08	7.73
Ilubabor	1.88	3.64	1.16	3.64	3.04	2.91
Jima	8.66	16.79	12.27	16.79	20.93	20.02
West Shewa	3.23	6.26	4.55	6.26	7.78	7.44
North Shewa	.32	.62	1.83	.62	2.15	2.06
East Shewa	2.53	4.91	.38	4.91	2.91	2.78
Arsi	10.51	20.38	9.02	20.38	19.53	18.69
West Harerge	.38	.74	1.35	.74	1.73	1.66
East Harerge	1.10	2.13	1.02	2.13	2.12	2.03
Bale and Borena	7.78	15.08	4.74	15.08	12.52	11.98
Borena	4.34	8.41	11.08	8.41	15.42	14.75
Total	51.58	100.00	52.94	100.00	104.52	100.00

TABLE 8.5 Number and Percentage Distribution of MULES by Sex and Zones in Benshangul Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)
Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Metkel	.09	60.00	.20	100.00	.29	82.86
Asosa	.03	20.00	-	-	.03	8.57
Kemeshi	.03	20.00	-	-	.03	8.57
Total	.15	100.00	.20	100.00	.35	100.00

TABLE 8.6 Number and Percentage Distribution of MULES by Sex, zones and special wereds in S.N.N.P.Region for Private Holdings, 1997/98 (1990 E.C.)
Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Gurage	6.78	20.25	3.36	12.50	10.14	16.80
Hadiya	5.12	15.29	5.16	19.20	10.28	17.03
Kembata Alaba Tembaro	2.88	8.60	2.97	11.05	5.85	9.69
Sidama	.34	1.02	.34	1.26	.68	1.13
Gedio	1.30	3.88	1.49	5.54	2.79	4.62
North Omo	11.14	33.27	10.43	38.80	21.57	35.74
South Omo	1.01	3.02	.96	3.57	1.97	3.26
Keficho-Shekicho	4.29	12.81	1.30	4.84	5.59	9.26
Bench-Maji	.20	.60	.49	1.82	.69	1.14
Yem Special Wereda	.02	.06	.08	.30	.10	.17
Amaro Special Wereda	.10	.30	.17	.63	.27	.45
Burji Special Wereda	.12	.36	.10	.37	.22	.36
Konso Special Wereda	-	-	-	-	-	-
Derashe Special Wereda	.18	.54	.03	.11	.21	.35
Total	33.48	100.00	26.88	100.00	60.36	100.00

TABLE 9 Number and Percentage Distribution of CAMELS by Sex and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Tigray	11.13	6.17	**	**	11.50	2.40
Afar	78.21	43.33	146.59	49.05	224.80	46.90
Amhara	9.45	5.24	**	**	9.67	2.02
Oromia	25.25	13.99	45.32	15.16	70.57	14.72
Somali	53.26	29.51	103.15	34.51	156.41	32.63
Benshangule	-	-	-	-	-	-
S.N.N.P.R	-	-	-	-	-	-
Gambela	-	-	-	-	-	-
Harari	**	**	**	**	.63	.13
Addis Ababa	-	-	-	-	-	-
Dire Dawa	2.96	1.64	2.81	.94	5.77	1.20
Total	180.50	100.00	298.86	100.00	479.36	100.00

TABLE 9.1 Number and Percentage Distribution of CAMELS by Sex and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Tigray	3.94	35.40	**	**	4.07	35.39
Central Tigray	**	**	**	**	**	**
East Tigray	-	-	-	-	-	-
South Tigray	3.03	27.22	-	-	3.03	26.35
Total	11.13	100.00	.37	100.00	11.50	100.00

TABLE 9.2 Number and Percentage Distribution of CAMELS by Sex and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Zone 1	8.01	10.24	1.80	1.23	9.81	4.36
Zone 3	61.21	78.26	124.83	85.16	186.04	82.76
Zone 5	8.98	11.48	19.97	13.62	28.95	12.88
Total	78.21	100.00	146.59	100.00	224.80	100.00

TABLE 9.3 Number and Percentage Distribution of CAMELS by Sex and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
North Gondar	**	**	-	-	1.07	11.07
South Gondar	-	-	-	-	-	-
North Wolo	**	**	**	**	2.19	22.65
South Wolo	**	**	-	-	2.78	28.75
North Shewa	**	**	-	-	1.10	11.38
East Gojam	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-
Waghamra	-	-	-	-	-	-
Agewawi	-	-	-	-	-	-
Oromia	2.52	26.67	-	-	2.52	26.06
Total	9.45	100.00	.22	100.00	9.67	100.00

TABLE 9.4 Number and Percentage Distribution of CAMELS by Sex and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
West Welega	-	-	-	-	-	-
East Welega	-	-	-	-	-	-
Ilubabor	-	-	-	-	-	-
Jima	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	.44	1.74	-	1.74	.44	.62
Arsi	**	**	**	**	1.46	2.08
West Harerge	**	**	**	**	5.11	7.24
East Harerge	-	-	**	**	**	**
Bale and Borena	4.55	18.02	8.86	18.02	13.41	19.00
Borena	18.74	74.22	31.09	74.22	49.83	70.61
Total	25.25	100.00	45.32	100.00	70.57	100.00

TABLE 9.5 Number and Percentage Distribution of CAMELS by Sex and Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	MALE		FEMALE		BOTH SEX	
	Number	%	Number	%	Number	%
Shinle	4.31	8.09	5.69	5.52	10.00	6.39
Jijiga	15.27	28.67	9.70	9.40	24.97	15.96
Moyale	33.68	63.24	87.76	85.08	121.44	77.64
Total	53.26	100.00	103.15	100.00	156.41	100.00

2.3. POULTRY AND BEEHIVES

POULTRY

During the survey, attempts were also made to estimate the total number of poultry at national, regional and zonal levels. As shown in Table 10, the total number of poultry in the country for private holdings is estimated to be about 33 million. All regions have reported poultry data with a wide variation, ranging from 11.6 million (35.2%) in Oromia to about 18 thousand (0.1%) in Addis Ababa. See the details in Table 10.

Amhara, S.N.N.P.R and Tigray regions are estimated to have 10.6 million (32%), 6 million (18%) and 3.4 million (10%) birds, respectively. The zonal distribution for North Gonder, 22% in Amhara, Arssi, 13% in Oromia, North Omo, 21% in S.N.N.P.R and West Tigray 38% in Tigray regions have reported a significant proportion of the total poultry population. Detail zonal distribution of poultry are given in Tables 10.1-10.7

BEEHIVES

The estimated number of total beehives, as shown in Table 11, in the country is about 3.1 million of which 3.09 million (99.5%) are traditional beehives. The regional distribution of traditional beehives shows Oromia has the highest share (41%), followed by Amhara (22%), and S.N.N.P.R (21%) of the national estimate. However, in the case of modern beehives, Amhara region constitutes over half (52%), followed by S.N.N.P.R (21 %) and Oromia (18%). Tables 11 - 11.7 present regional and zonal distribution of traditional and modern beehives.

TABLE 10 Number and Percentage Distribution of POULTRY BY
Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	Number	%
Tigray	3,418.79	10.37
Afar	108.76	.33
Amhara	10,587.87	32.11
Oromia	11,599.09	35.17
Somali	140.87	.43
Benshangule	887.12	2.69
S.N.N.P.R	5,980.86	18.14
Gambela	177.70	.54
Harari	24.67	.07
Addis Ababa	18.31	.06
Dire Dawa	34.62	.10
Total	32,978.65	100.00

TABLE 10.1 Number and Percentage Distribution of POULTRY BY
Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Number	%
West Tigray	1,299.87	38.02
Central Tigray	1,206.01	35.28
East Tigray	518.64	15.17
South Tigray	394.27	11.53
Total	3,418.79	100.00

TABLE 10.2 Number and Percentage Distribution of POULTRY BY
Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Number	%
Zone 1	-	-
Zone 3	93.05	85.56
Zone 5	15.71	14.44
Total	108.76	100.00

TABLE 10.3 Number and Percentage Distribution of POULTRY BY
Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands	
	Number	%
North Gondar	2,368.18	22.37
South Gondar	1,287.75	12.16
North Wolo	756.56	7.15
South Wolo	1,662.76	15.70
North Shewa	1,152.73	10.89
East Gojam	804.98	7.60
West Gojam	1,591.47	15.03
Waghamra	266.52	2.52
Agewawi	456.11	4.31
Oromia	240.80	2.27
Total	10,587.87	100.00

TABLE 10.4 Number and Percentage Distribution of POULTRY BY
Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands	
	Number	%
West Welega	1,411.59	12.17
East Welega	864.88	7.46
Ilubabor	656.89	5.66
Jima	1,226.04	10.57
West Shewa	1,064.89	9.18
North Shewa	460.58	3.97
East Shewa	1,014.76	8.75
Arsi	1,489.27	12.84
West Harerge	803.02	6.92
East Harerge	971.76	8.38
Bale and Borena	453.69	3.91
Borena	1,181.71	10.19
Total	11,599.09	100.00

TABLE 10.5 Number and Percentage Distribution of POULTRY BY Zones in Somalia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands		
Zones	Number	%
Shinle	4.68	3.32
Jijiga	49.14	34.88
Moyale	87.04	61.79
Total	140.87	100.00

TABLE 10.6 Number and Percentage Distribution of POULTRY BY Zones in Benshangul-Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands		
Zones	Number	%
Metkel	365.97	41.25
Asosa	345.67	38.97
Kemeshi	175.49	19.78
Total	887.12	100.00

TABLE 10.7 Number and Percentage Distribution of POULTRY BY Zones and special weredas in S.N.N.P Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands		
Zones	Number	%
Gurage	939.77	15.71
Hadiya	888.74	14.86
Kembata Alaba Tembaro	452.84	7.57
Sidama	835.75	13.97
Gedio	283.91	4.75
North Omo	1,238.22	20.70
South Omo	294.17	4.92
Keficho-Shekicho	554.40	9.27
Bench-Maji	303.97	5.08
Yem Special Wereda	34.07	.57
Amaro Special Wereda	46.63	.78
Burji Special Wereda	20.91	.35
Konso Special Wereda	59.09	.99
Derashe Special Wereda	28.40	.47
Total	5,980.86	100.00

TABLE 11 Number and Percentage Distribution of BEEHIVES by Type and Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
Tigray	163.60	5.30	**	**	164.58	5.31
Afar	1.97	.06	-	-	1.97	.06
Amhara	683.99	22.16	**	**	691.44	22.30
Oromia	1,250.31	40.51	**	**	1,252.93	40.41
Somali	**	**	-	-	2.09	.07
Benshangule	252.65	8.19	**	**	252.81	8.15
S.N.N.P.R	645.19	20.91	**	**	648.33	20.91
Gambela	**	**	-	-	85.06	2.74
Harari	.41	.02	-	-	.49	.02
Addis Ababa	.37	.01	-	-	.37	.01
Dire Dawa	.39	.01	-	-	.39	.01
Total	3,086.11	100.00	14.35	100.00	3,100.46	100.00

TABLE 11.1 Number and Percentage Distribution of BEEHIVES by Type and Zones in Tigray Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
West Tigray	44.88	27.43	-	-	44.88	27.27
Central Tigray	51.47	31.46	**	**	51.81	31.48
East Tigray	30.82	18.84	**	**	30.94	18.80
South Tigray	36.43	22.27	**	**	36.95	22.45
Total	163.60	100.00	**	**	164.58	100.00

TABLE 11.2 Number and Percentage Distribution of BEEHIVES by Type and Zones in Afar Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
Zone 1	-	-	-	-	-	-
Zone 3	1.97	100.00	-	-	1.97	100.00
Zone 5	-	-	-	-	-	-
Total	1.97	100.00	-	-	1.97	100.00

TABLE 11.3 Number and Percentage Distribution of BEEHIVES by Type and Zones in Amhara Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
North Gondar	173.06	25.30	6.00	80.54	179.06	25.90
South Gondar	67.48	9.87	-	-	67.48	9.76
North Wolo	37.42	5.47	**	**	37.63	5.44
South Wolo	68.99	10.09	**	**	69.68	10.08
North Shewa	34.68	5.07	-	-	34.68	5.02
East Gojam	49.63	7.26	-	-	49.63	7.18
West Gojam	108.35	15.84	-	-	108.35	15.67
Waghamra	31.18	4.56	-	-	31.18	4.51
Agewawi	101.67	14.86	**	**	101.90	14.74
Oromia	11.53	1.69	**	**	11.84	1.71
Total	683.99	100.00	7.45	100.00	691.44	100.00

TABLE 11.4 Number and Percentage Distribution of BEEHIVES by Type and Zones in Oromia Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
West Welega	295.13	23.60	-	-	295.13	23.56
East Welega	171.43	13.71	-	-	171.43	13.68
Ilubabor	154.91	12.39	**	**	155.73	12.43
Jima	115.97	9.28	-	-	115.97	9.26
West Shewa	100.04	8.00	**	**	101.83	8.13
North Shewa	19.87	1.59	-	-	19.87	1.59
East Shewa	24.45	1.96	-	-	24.45	1.95
Arsi	43.89	3.51	-	-	43.89	3.50
West Harerge	22.46	1.80	-	-	22.46	1.79
East Harerge	51.31	4.10	-	-	51.31	4.10
Bale and Borena	45.53	3.64	-	-	45.53	3.63
Borena	205.31	16.42	-	-	205.31	16.39
Total	1,250.31	100.00	**	**	1,252.93	100.00

TABLE 11.5 Number and Percentage Distribution of BEEHIVES by Type and Zones in Benshangul-Gumuz Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
Metkel	112.91	44.69	-	-	112.91	44.66
Asosa	125.86	49.82	**	**	126.02	49.85
Kemeshi	13.87	5.49	-	-	13.87	5.49
Total	252.65	100.00	**	**	252.81	100.00

TABLE 11.6 Number and Percentage Distribution of BEEHIVES by Type, Zones and special weredas in S.N.N.P Region for Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	TRADITIONAL		MODERN		TOTAL	
	Number	%	Number	%	Number	%
Gurage	27.90	4.32	**	**	28.19	4.35
Hadiya	31.07	4.82	-	-	31.07	4.79
Kembata Alaba Tembaro	14.15	2.19	-	-	14.15	2.18
Sidama	60.94	9.45	**	**	62.38	9.62
Gedio	32.30	5.01	-	-	32.30	4.98
North Omo	78.40	12.15	**	**	79.73	12.30
South Omo	85.71	13.28	**	**	85.79	13.23
Keficho-Shekicho	266.45	41.30	-	-	266.45	41.10
Bench-Maji	30.06	4.66	-	-	30.06	4.64
Yem Special Wereda	2.53	.39	-	-	2.53	.39
Amaro Special Wereda	2.49	.39	-	-	2.49	.38
Burji Special Wereda	.63	.10	-	-	.63	.10
Konso Special Wereda	5.66	.88	-	-	5.66	.87
Derashe Special Wereda	6.90	1.07	-	-	6.90	1.06
Total	645.19	100.00	**	**	648.33	100.00

3. DISTRIBUTION OF LIVESTOCK BY AGE GROUP

The number and percentage distribution of cattle, sheep and goats by sex and age group are presented in Tables 12 and 13. Out of the total cattle population, the female cattle constitute about 55% or about 19.5 million. Concerning age groups, over 64% of the total cattle are in the three years and over age category, with 29.0% male and 35.6% female.

In the case of sheep and goats, the largest share are in the age group of two years and over in the female population, while the young stock under six months have the highest proportion of both the male sheep and male goat categories. Comparing female and male stock under six months, the proportion of the female stock is highest for both sheep and goats.

TABLE 12 Number and percentage distribution of CATTLE by sex and age, private holdings, National, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CATTLE	
	Number	%
Male Total	15,928.88	45.03
Under 6 Months	1,468.06	4.15
6 Months & Under 1 year	1,467.69	4.15
1 year & Under 3 years	2,748.63	7.77
3 years & Under 10 years	9,626.89	27.22
10 years & over	617.62	1.75
Female Total	19,442.89	54.97
Under 6 Months	1,700.76	4.81
6 Months & Under 1 year	1,720.06	4.86
1 year & Under 3 years	3,412.52	9.65
3 years & Under 10 years	12,089.52	34.18
10 years & over	520.03	1.47
Total Animals	35,371.77	100.00

TABLE 13 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, National, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands			
	SHEEP		GOATS	
	Number	%	Number	%
Male Total	3,610.93	26.89	3,276.14	31.32
Under 6 Months	1,562.23	11.63	1,160.59	11.10
6 Months & Under 1 year	607.26	4.52	540.68	5.17
1 year & Under 2 years	517.07	3.85	563.09	5.38
2 years & over	924.37	6.88	1,011.78	9.67
Female Total	9,817.55	73.11	7,184.25	68.68
Under 6 Months	1,704.19	12.69	1,295.42	12.38
6 Months & Under 1 year	817.53	6.09	657.77	6.29
1 year & Under 2 years	1,119.11	8.33	959.52	9.17
2 years & over	6,176.72	46.00	4,271.54	40.84
Total Animals	13,428.48	100.00	10,460.39	100.00

Referring to Table 14, the number of horses and asses in the 3 years and over age group are higher than the number in other age groups for both male and female populations. Regarding camels, the 4 years and over category constitutes around 70% of the total camel population. The proportion of female camels under 4 years is higher than that for similar aged male camels. See the details in Table 15.

TABLE 14 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, National, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands			
	HORSES		ASSES	
	Number	%	Number	%
Male Total	587.85	47.76	1,491.13	47.05
Under 3 years	122.53	9.96	394.24	12.44
3 years and over	465.32	37.81	1,096.90	34.61
Female Total	642.88	52.24	1,678.21	52.95
Under 3 years	132.01	10.73	391.71	12.36
3 years and over	510.87	41.51	1,286.51	40.59
Total Animals	1,230.73	100.00	3,169.34	100.00

TABLE 15 Number and percentage distribution of CAMELS by sex and age, private holdings, National, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	180.50	37.65
Under 4 years	63.02	13.15
4 years and over	117.48	24.51
Female Total	298.86	62.35
Under 4 years	82.38	17.19
4 years and over	216.48	45.16
Total Animals	479.36	100.00

4. UTILIZATION OF LIVESTOCK, POULTRY AND BEEHIVES

4.1 CATTLE

**TABLE 16 CATTLE population aged three years & over and under ten years
by sex and purpose, private holdings, National, 1997/98(1990 E.C.)**

Sex and purpose	Number in Thousands	
	Number	%
Male Cattle	9,626.89	100.00
For Draught	8,901.43	92.46
For Beef	321.76	3.34
For Others	403.71	4.19
Female Cattle	12,089.52	100.00
For Dairy	10,894.42	90.11
For Draught	137.33	1.14
For Beef	110.41	0.91
For Others	947.36	7.84

As it is presented in Table 16, the number of dairy cows are estimated to be 10.9 million of which 6.8 million are milking cows. Among cattle aged three years and over, cattle used for draught purposes accounted for 41.62% and the percentage share of beef cattle is the lowest, 2.0% . Beef cattle here refer to all cattle reared exclusively for meat, either for home consumption or for sale.

In Table 17, the regional distribution of cattle aged three years and over and under ten years are estimated by purpose, such as milking cows, dairy cows, draught cattle, beef cattle and cattle used for other purposes. In addition, Tables 17.1 - 17.7 show zonal distribution of cattle used for different purposes.

FIG. 3 Percentage Distribution of Cattle aged three years and over and under ten years by purpose, private holdings, 1997/98 (1990 E.C.)

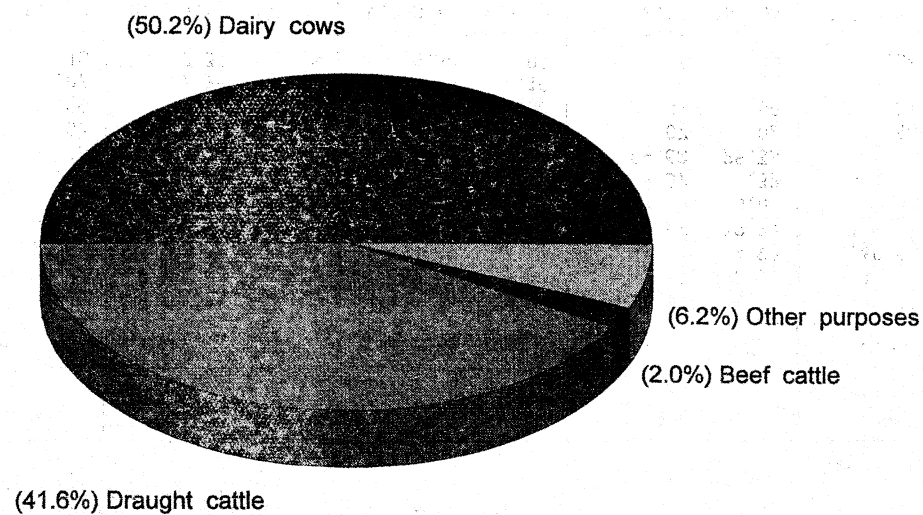


TABLE 17 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years
by Purpose and Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
Tigray	383.38	5.65	713.21	6.55	729.31	8.07	49.73	11.51	42.67	3.16
Afar	155.83	2.30	265.42	2.44	35.41	.39	44.17	10.22	13.18	.98
Amhara	1,496.56	22.05	2,398.26	22.01	2,951.89	32.66	42.85	9.92	260.65	19.29
Oromia	3,054.39	45.00	4,752.52	43.62	3,956.99	43.78	169.47	39.21	670.68	49.64
Somali	105.91	1.56	191.60	1.76	68.63	.76	13.00	3.01	22.50	1.67
Benshangule	60.17	.89	93.35	.86	73.67	.82	1.37	.32	9.15	.68
S.N.N.P.R	1,503.91	22.16	2,439.22	22.39	1,203.94	13.32	109.68	25.38	329.20	24.37
Gambela	5.06	.07	6.78	.06	.29	-	.07	.02	.44	.03
Harari	5.81	.09	9.43	.09	5.67	.06	.39	.09	.84	.06
Addis Ababa	4.48	.07	7.29	.07	9.13	.10	.45	.10	1.40	.10
Dire Dawa	12.01	.18	17.32	.16	3.82	.04	.98	.23	.36	.03
Total	6,787.50	100.00	10,894.42	100.00	9,038.75	100.00	432.16	100.00	1,351.07	100.00

TABLE 17.1 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years
by Purpose and zones in Tigray Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
West Tigray	176.56	46.05	321.64	45.10	239.35	32.82	20.61	41.44	10.16	23.81
Central Tigray	84.06	21.93	170.28	23.88	232.99	31.95	20.81	41.85	21.88	51.28
East Tigray	53.51	13.96	102.91	14.43	111.15	15.24	6.64	13.35	2.07	4.85
South Tigray	69.24	18.06	118.38	16.60	145.82	19.99	1.67	3.36	8.56	20.06
Total	383.38	100.00	713.21	100.00	729.31	100.00	49.73	100.00	42.67	100.00

TABLE 17.2 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years by Purpose and zones in Afar Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands									
	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
Zone 1	27.93	17.92	62.69	23.62	7.99	22.56	9.20	20.83	3.61	27.39
Zone 3	79.34	50.91	127.66	48.10	23.87	67.41	32.09	72.65	6.62	50.23
Zone 5	48.56	31.16	75.07	28.28	3.55	10.03	2.88	6.52	2.95	22.38
Total	155.83	100.00	265.42	100.00	35.41	100.00	44.17	100.00	13.18	100.00

TABLE 17.3 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years by Purpose and zones in Amhara Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands									
	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
North Gondar	288.02	19.25	434.20	18.10	428.51	14.52	4.24	9.89	47.74	18.32
South Gondar	190.59	12.74	290.39	12.11	388.64	13.17	4.05	9.45	45.40	17.42
North Wolo	119.42	7.98	185.86	7.75	199.50	6.76	1.05	2.45	9.43	3.62
South Wolo	237.42	15.86	394.27	16.44	466.49	15.80	4.66	10.88	26.40	10.13
North Shewa	126.45	8.45	208.85	8.71	353.07	11.96	13.66	31.88	18.90	7.25
East Gojam	147.37	9.85	280.63	11.70	411.42	13.94	11.08	25.86	23.73	9.10
West Gojam	195.46	13.06	299.28	12.48	425.00	14.40	2.06	4.81	55.29	21.21
Waghamra	51.28	3.43	77.78	3.24	80.18	2.72	.86	2.01	4.17	1.60
Agewawi	89.09	5.95	144.00	6.00	126.19	4.27	1.00	2.33	28.11	10.78
Oromia	51.45	3.44	83.00	3.46	72.91	2.47	.18	.42	1.48	.57
Total	1,496.56	100.00	2,398.26	100.00	2,951.89	100.00	42.85	100.00	260.65	100.00

TABLE 17.4 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years by Purpose and zones in Oromia Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands									
	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
West Welega	222.88	7.30	301.06	7.30	280.97	7.10	2.49	1.47	85.22	12.71
East Welega	221.68	7.26	324.04	7.26	317.78	8.03	4.97	2.93	76.83	11.46
Ilubabor	132.76	4.35	189.45	4.35	176.57	4.46	.28	.17	14.09	2.10
Jima	260.59	8.53	467.22	8.53	443.31	11.20	.83	.49	14.71	2.19
West Shewa	371.38	12.16	555.25	12.16	569.11	14.38	7.28	4.30	90.97	13.56
North Shewa	182.34	5.97	290.80	5.97	305.46	7.72	9.34	5.51	33.76	5.03
East Shewa	157.99	5.17	286.92	5.17	339.51	8.58	18.41	10.86	27.89	4.16
Arsi	481.16	15.75	805.06	15.75	662.41	16.74	8.53	5.03	148.47	22.14
West Harerge	169.60	5.55	247.96	5.55	204.03	5.16	6.48	3.82	14.95	2.23
East Harerge	243.73	7.98	341.85	7.98	184.20	4.66	18.73	11.05	14.53	2.17
Bale and Borena	291.77	9.55	470.98	9.55	345.04	8.72	23.78	14.03	31.67	4.72
Borena	318.50	10.43	471.94	10.43	128.61	3.25	68.33	40.32	117.59	17.53
Total	3,054.39	100.00	4,752.52	100.00	3,956.99	100.00	169.47	100.00	670.68	100.00

TABLE 17.5 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years by Purpose and zones in Somalia Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	Number in Thousands									
	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
Shinle	5.50	5.19	8.29	4.33	.72	1.05	1.50	11.54	.27	1.20
Jijiga	72.75	68.69	133.19	69.51	57.09	83.19	5.39	41.46	2.78	12.36
Moyale	27.66	26.12	50.13	26.16	10.82	15.77	6.11	47.00	19.45	86.44
Total	105.91	100.00	191.60	100.00	68.63	100.00	13.00	100.00	22.50	100.00

TABLE 17.6 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years
by Purpose and group of zones in Benshangul-Gumuz Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
Metkel	29.63	49.24	46.17	49.46	34.51	46.84	.37	27.01	4.63	50.60
Asosa	21.28	35.37	33.46	35.84	31.29	42.47	.56	40.88	1.85	20.22
Kemeshi	9.27	15.41	13.73	14.71	7.86	10.67	.44	32.12	2.67	29.18
Total	60.17	100.00	93.35	100.00	73.67	100.00	1.37	100.00	9.15	100.00

TABLE 17.7 Number and Percentage Distribution of CATTLE Aged Three Years and under ten years
by Purpose, Zones and special weredas in S.N.N.P. Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Milking Cow		Dairy Cow		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	%	Number	%	Number	%	Number	%	Number	%
Gurage	265.50	17.65	456.66	18.72	184.90	15.36	31.67	28.87	72.88	22.14
Hadiya	139.67	9.29	217.00	8.90	152.38	12.66	6.63	6.04	17.54	5.33
Kembata Alaba Tembaro	94.55	6.29	172.14	7.06	122.22	10.15	2.46	2.24	11.66	3.54
Sidama	362.75	24.12	554.38	22.73	60.93	5.06	15.08	13.75	110.88	33.68
Gedio	25.20	1.68	40.97	1.68	7.33	.61	14.38	13.11	13.59	4.13
North Omo	352.53	23.44	589.67	24.17	376.41	31.26	5.90	5.38	79.35	24.10
South Omo	62.43	4.15	94.18	3.86	72.71	6.04	22.66	20.66	2.93	.89
Keficho-Shekicho	110.98	7.38	162.98	6.68	121.71	10.11	2.22	2.02	3.95	1.20
Bench-Maji	53.36	3.55	76.46	3.13	38.57	3.20	3.83	3.49	5.85	1.78
Yem Special Wereda	7.28	.48	15.23	.62	16.18	1.34	.08	.07	2.70	.82
Amaro Special Wereda	8.55	.57	19.74	.81	13.80	1.15	.33	.30	1.81	.55
Burji Special Wereda	4.83	.32	7.46	.31	11.90	.99	.23	.21	3.64	1.11
Konso Special Wereda	12.28	.82	24.14	.99	15.38	1.28	2.92	2.66	1.47	.45
Derashe Special Wereda	3.99	.27	8.20	.34	9.52	.79	1.29	1.18	.95	.29
Total	1,503.91	100.00	2,439.22	100.00	1,203.94	100.00	109.68	100.00	329.20	100.00

4.2 SHEEP AND GOATS

Table 18 shows the number and percentage of sheep and goats raised for different purposes at the national level. The percentage of sheep and goats kept for mutton and meat is higher for males. Moreover, the data indicates that female sheep and goats are primarily kept for breeding purposes. Among the sheep herd two years and over, only 9.6 thousands (14%) are kept for wool production and they are mainly found in the Amhara Region. Zonal distribution of sheep by purpose are given in Tables 19.1 - 19.7.

Table 20 presents the number and percentage distribution of goats aged two years and over used for different purposes at the regional level. Accordingly, goats kept for breeding, meat and milk account for 78%, 11% , and 10%, respectively. Distribution of goats by purpose and by zone are given in Tables 20.1 - 20.7.

TABLE 18 SHEEP and GOATS population aged two years and over by sex and purpose, private holdings, National, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and purpose	Number	%
SHEEP	Male Total	924.37	100.00
	For Mutton/Meat	462.07	49.99
	For Wool	2.36	0.26
	For Breeding	401.46	43.43
	For Other purposes	58.49	6.33
	Female Total	6,176.04	100.00
	For Mutton/Meat	86.61	1.40
	For Wool	**	**
	For Breeding	6,054.04	98.12
	For Other purposes	28.20	0.46
GOATS	Male Total	1,011.78	100.00
	For Meat	497.48	49.17
	For Breeding	474.43	46.89
	For Other purposes	39.87	3.94
	Female Total	4,271.54	100.00
	For Meat	74.49	1.74
	For Milk	539.34	12.63
	For Breeding	3,644.98	85.33
	For Other purposes	12.73	0.30

TABLE 19 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Tigray	57.85	10.54	-	-	547.11	8.47	11.98	13.82
Afar	41.34	7.53	-	-	176.96	2.74	3.71	4.28
Amhara	184.07	33.55	7.55	79.06	2,183.67	33.82	31.77	36.65
Oromia	143.37	26.13	1.42	14.87	2,444.73	37.87	24.14	27.85
Somali	8.54	1.56	.11	1.15	137.96	2.14	2.62	3.02
Benshangule	2.72	.50	-	-	31.57	.49	.67	.77
S.N.N.P.R	109.42	19.94	.45	4.71	911.45	14.12	11.49	13.25
Gambela	.08	.01	-	-	3.57	.06	.16	.18
Harari	.23	.04	-	-	1.43	.02	.02	.02
Addis Ababa	.36	.07	.03	.31	4.28	.07	-	-
Dire Dawa	.69	.13	-	-	13.45	.21	.14	.16
Total	548.67	100.00	9.55	100.00	6,456.18	100.00	86.69	100.00

TABLE 19.1 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Tigray Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
West Tigray	7.91	13.67	-	-	59.78	10.93	5.60	46.74
Central Tigray	8.07	13.95	-	-	137.52	25.14	.40	3.34
East Tigray	32.09	55.47	-	-	239.15	43.71	2.63	21.95
South Tigray	9.76	16.87	-	-	110.65	20.22	3.36	28.05
Total	57.85	100.00	-	-	547.11	100.00	11.98	100.00

TABLE 19.2 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Afar Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Zone 1	6.63	16.04	-	-	37.15	20.99	.39	10.51
Zone 3	32.31	78.16	-	-	119.36	67.45	3.29	88.68
Zone 5	2.41	5.83	-	-	20.45	11.56	.02	.54
Total	41.34	100.00	-	-	176.96	100.00	3.71	100.00

TABLE 19.3 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Amhara Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
North Gonder	3.63	1.97	-	-	134.29	6.15	-	-
South Gonder	12.43	6.75	-	-	275.13	12.60	1.69	5.32
North Wolo	31.65	17.19	5.20	68.87	234.63	10.74	10.28	32.36
South Wolo	43.75	23.77	-	-	531.64	24.35	5.80	18.26
North Shewa	43.69	23.74	2.03	26.89	341.14	15.62	3.73	11.74
East Gojam	25.39	13.79	.32	4.24	349.24	15.99	4.05	12.75
West Gojam	13.45	7.31	-	-	107.73	4.93	1.54	4.85
Waghamra	5.84	3.17	-	-	103.76	4.75	.59	1.86
Agewawi	2.13	1.16	-	-	91.91	4.21	3.48	10.95
Oromia	2.11	1.15	-	-	14.21	.65	.62	1.95
Total	184.07	100.00	7.55	100.00	2,183.67	100.00	31.77	100.00

TABLE 19.4 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Oromia Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
West Welega	8.10	5.65	-	5.65	121.04	4.95	1.80	7.46
East Welega	2.66	1.86	-	1.86	129.06	5.28	1.21	5.01
Ilubabor	3.74	2.61	-	2.61	147.07	6.02	.13	.54
Jima	10.56	7.37	-	7.37	281.60	11.52	.58	2.40
West Shewa	21.25	14.82	-	14.82	283.05	11.58	11.41	47.27
North Shewa	18.45	12.87	1.06	12.87	409.59	16.75	.61	2.53
East Shewa	21.15	14.75	-	14.75	108.15	4.42	.32	1.33
Arsi	26.04	18.16	-	18.16	566.17	23.16	2.40	9.94
West Harerge	3.98	2.78	.36	2.78	45.89	1.88	.82	3.40
East Harerge	7.60	5.30	-	5.30	65.86	2.69	-	-
Bale and Borena	5.44	3.79	-	3.79	126.79	5.19	1.71	7.08
Borena	14.41	10.05	-	10.05	160.43	6.56	3.15	13.05
Total	143.37	100.00	1.42	100.00	2,444.73	100.00	24.14	100.00

TABLE 19.5 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Somalia Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Shinle	3.13	36.65	.11	100.00	21.02	15.24	.15	5.73
Jijiga	3.65	42.74	-	-	75.12	54.45	-	-
Moyale	1.75	20.49	-	-	41.82	30.31	2.47	94.27
Total	8.54	100.00	.11	100.00	137.96	100.00	2.62	100.00

TABLE 19.6 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose and Zones in Benshangul-Gumuz Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Metkel	.62	22.79	-	-	16.04	50.81	.09	13.43
Asosa	1.99	73.16	-	-	7.28	23.06	.58	86.57
Kemeshi	.11	4.04	-	-	8.26	26.16	-	-
Total	2.72	100.00	-	-	31.57	100.00	.67	100.00

TABLE 19.7 Number and Percentage Distribution of SHEEP Aged Two Years and Over by Purpose, Zones and special weredas in S.N.N.P Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	Sheep For							
	Mutton		Wool		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Gurage	17.81	16.28	-	-	169.53	18.60	2.58	22.45
Hadiya	6.70	6.12	-	-	81.52	8.94	1.84	16.01
Kembata Alaba Tembaro	7.96	7.27	-	-	57.96	6.36	.86	7.48
Sidama	3.63	3.32	-	-	127.73	14.01	1.80	15.67
Gedio	6.25	5.71	-	-	61.99	6.80	1.78	15.49
North Omo	13.44	12.28	-	-	121.66	13.35	1.18	10.27
South Omo	33.56	30.67	.40	88.89	106.58	11.69	.19	1.65
Keficho-Shekicho	9.05	8.27	-	-	97.86	10.74	.43	3.74
Bench-Maji	1.28	1.17	-	-	48.07	5.27	.23	2.00
Yem Special Wereda	.09	.08	-	-	9.57	1.05	.11	.96
Amaro Special Wereda	.59	.54	-	-	5.86	.64	.03	.26
Burji Special Wereda	.04	.04	-	-	.55	.06	.05	.44
Konso Special Wereda	8.29	7.58	.05	11.11	18.82	2.06	.23	2.00
Derashe Special Wereda	.72	.66	-	-	3.77	.41	.19	1.65
Total	109.42	100.00	.45	100.00	911.45	100.00	11.49	100.00

TABLE 20 Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Region	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Tigray	71.69	12.53	84.26	15.62	646.48	15.69	13.61	25.87
Afar	47.73	8.34	143.35	26.58	181.31	4.40	4.56	8.67
Amhara	200.56	35.07	12.59	2.33	1,363.51	33.10	13.62	25.89
Oromia	150.92	26.39	155.88	28.90	1,149.68	27.91	9.66	18.37
Somali	10.76	1.88	63.78	11.83	127.38	3.09	3.36	6.39
Benshangule	8.69	1.52	2.52	.47	60.86	1.48	1.59	3.02
S.N.N.P.R	79.68	13.93	74.08	13.74	544.94	13.23	5.77	10.97
Gambela	.06	.01	-	-	3.49	.08	.04	.08
Harari	.52	.09	.75	.14	6.58	.16	.05	.10
Addis Ababa	.21	.04	-	-	1.80	.04	.04	.08
Dire Dawa	1.16	.20	2.12	.39	33.39	.81	.29	.55
Total	571.96	100.00	539.34	100.00	4,119.41	100.00	52.60	100.00

TABLE 20.1. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Tigray Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
West Tigray	26.62	37.13	17.40	20.65	262.43	40.59	6.69	49.16
Central Tigray	31.58	44.05	49.47	58.71	292.62	45.26	2.70	19.84
East Tigray	10.11	14.10	17.11	20.31	58.48	9.05	.63	4.63
South Tigray	3.38	4.71	.29	.34	32.95	5.10	3.59	26.38
Total	71.69	100.00	84.26	100.00	646.48	100.00	13.61	100.00

TABLE 20.2. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Afar Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Zone 1	7.08	14.83	7.09	4.95	27.67	15.26	.12	2.63
Zone 3	35.62	74.63	71.31	49.75	104.62	57.70	4.39	96.27
Zone 5	5.04	10.56	64.96	45.32	49.02	27.04	.05	1.10
Total	47.73	100.00	143.35	100.00	181.31	100.00	4.56	100.00

TABLE 20.3. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Amhara Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
North Gonder	19.72	9.83	1.42	11.28	191.62	14.05	-	-
South Gonder	18.00	8.97	-	-	209.66	15.38	.29	2.13
North Wolo	16.88	8.42	-	-	106.58	7.82	.96	7.05
South Wolo	43.27	21.57	-	-	268.46	19.69	6.92	50.81
North Shewa	48.51	24.19	.26	2.07	167.89	12.31	.67	4.92
East Gojam	13.73	6.85	-	-	104.37	7.65	1.24	9.10
West Gojam	19.73	9.84	-	-	99.99	7.33	-	-
Waghamra	10.59	5.28	9.68	76.89	141.15	10.35	.57	4.19
Agewawi	5.46	2.72	-	-	34.09	2.50	1.58	11.60
Oromia	4.66	2.32	1.24	9.85	39.70	2.91	1.39	10.21
Total	200.56	100.00	12.59	100.00	1,363.51	100.00	13.62	100.00

TABLE 20.4. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Oromia Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
West Welega	3.07	2.03	-	2.03	38.60	3.36	.20	2.07
East Welega	3.17	2.10	-	2.10	53.71	4.67	.36	3.73
Ilubabor	.78	.52	-	.52	34.91	3.04	.42	4.35
Jima	2.26	1.50	-	1.50	84.17	7.32	.38	3.93
West Shewa	8.97	5.94	-	5.94	77.17	6.71	2.49	25.78
North Shewa	9.64	6.39	-	6.39	42.47	3.69	.59	6.11
East Shewa	17.00	11.26	7.09	11.26	159.89	13.91	-	-
Arsi	15.94	10.56	31.96	10.56	132.34	11.51	.91	9.42
West Harerge	8.60	5.70	9.65	5.70	128.44	11.17	1.22	12.63
East Harerge	33.84	22.42	13.44	22.42	174.32	15.16	.82	8.49
Bale and Borena	9.20	6.10	28.00	6.10	63.91	5.56	2.03	21.01
Borena	38.46	25.48	65.74	25.48	159.76	13.90	.25	2.59
Total	150.92	100.00	155.88	100.00	1,149.68	100.00	9.66	100.00

TABLE 20.5. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Somalia Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Shinle	4.35	40.43	9.85	15.44	27.09	21.27	.18	5.36
Jijiga	1.78	16.54	5.42	8.50	36.41	28.58	-	-
Moyale	4.63	43.03	48.52	76.07	63.88	50.15	3.18	94.64
Total	10.76	100.00	63.78	100.00	127.38	100.00	3.36	100.00

TABLE 20.6. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose and Zones in Benshangul-Gumuz Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Metkel	2.59	29.80	.13	5.16	23.65	38.86	1.10	69.18
Asosa	4.88	56.16	2.40	95.24	20.91	34.36	-	-
Kemeshi	1.22	14.04	-	-	16.30	26.78	.49	30.82
Total	8.69	100.00	2.52	100.00	60.86	100.00	1.59	100.00

TABLE 20.7. Number and Percentage Distribution of GOATS Aged Two Years and Over by Purpose, Zones and special weredas in S.N.N.P. Region, Private Holdings, 1996/97 (1989 E.C.)

Number in Thousands

Zones	Goats for							
	Meat		Milk		Breed		Other purposes	
	Number	%	Number	%	Number	%	Number	%
Gurage	5.47	6.86	4.03	5.44	60.47	11.10	.29	5.03
Hadiya	6.73	8.45	1.26	1.70	37.24	6.83	.17	2.95
Kembata Alaba Tembaro	2.26	2.84	5.19	7.01	37.86	6.95	-	-
Sidama	8.23	10.33	9.52	12.85	57.68	10.58	1.41	24.44
Gedio	1.07	1.34	-	-	6.90	1.27	.17	2.95
North Omo	6.91	8.67	3.66	4.94	119.67	21.96	1.22	21.14
South Omo	28.24	35.44	47.03	63.49	87.07	15.98	.72	12.48
Keficho-Shekicho	4.18	5.25	-	-	41.59	7.63	.53	9.19
Bench-Maji	3.23	4.05	-	-	26.76	4.91	.08	1.39
Yem Special Wereda	.17	.21	-	-	6.42	1.18	.40	6.93
Amaro Special Wereda	.66	.83	1.77	2.39	12.31	2.26	.28	4.85
Burji Special Wereda	.97	1.22	1.18	1.59	7.15	1.31	.02	.35
Konso Special Wereda	10.00	12.55	.35	.47	33.17	6.09	.19	3.29
Derashe Special Wereda	1.57	1.97	.08	.11	10.67	1.96	.30	5.20
Total	79.68	100.00	74.08	100.00	544.94	100.00	5.77	100.00

4.3 DRAUGHT ANIMALS

As shown in Table 21, among the total draught animals, the percentage of asses is considerably high, (77%), while horses are about 18% of the total. On the other hand, the percentage contribution of camels is the least 1% of the total draught animals. Here, draught purposes refer to animals used for agricultural practices such as ploughing, threshing and transporting to and from the farm. Furthermore, Table 22 presents regional distribution of draught animal and Tables 22.1 - 22.7 present zonal distribution.

TABLE 21 Number and percentage distribution of DRAUGHT ANIMALS
by type, private holdings, National, 1997/98(1990 E.C.)

Type	Number in Thousands	
	Number	%
Horses	238.23	17.78
Asses	1,032.81	77.08
Mules	55.64	4.14
Camels	13.64	1.00
Total Animals	1,339.81	100.00

TABLE 22 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Region	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
Tigray	.53	.22	218.61	21.17	7.15	12.97	3.51	25.73
Afar	-	-	4.67	.45	.21	.38	.08	.59
Amhara	119.08	49.99	341.56	33.07	17.82	32.32	2.55	18.70
Oromia	112.73	47.32	411.85	39.88	10.14	18.39	4.40	32.26
Somali	-	-	7.14	.69	-	-	3.06	22.43
Benshangule	.09	.04	6.03	.58	.01	.02	-	-
S.N.N.P.R	5.79	2.43	37.08	3.59	19.76	35.84	-	-
Gambela	-	-	-	-	-	-	-	-
Harari	-	-	2.08	.20	-	-	-	-
Addis Ababa	.01	-	2.46	.24	.05	.09	-	-
Dire Dawa	-	-	1.33	.13	-	-	.04	.29
Total	238.23	100.00	1,032.81	100.00	55.13	100.00	13.64	100.00

TABLE 22.1 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones in Tigray Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
West Tigray	.24	45.28	74.83	34.23	.48	6.71	.29	8.26
Central Tigray	-	-	40.59	18.57	.20	2.80	.58	16.52
East Tigray	-	-	51.27	23.45	4.26	59.58	-	-
South Tigray	.29	54.72	51.91	23.75	2.20	30.77	2.64	75.21
Total	.53	100.00	218.61	100.00	7.15	100.00	3.51	100.00

TABLE 22.2 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones in Afar Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
Zone 1	-	-	-	-	-	-	.04	50.00
Zone 3	-	-	4.20	89.94	.21	100.00	.04	50.00
Zone 5	-	-	.47	10.06	-	-	-	-
Total	-	-	4.67	100.00	.21	100.00	.08	100.00

TABLE 22.3 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones in Amhara Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
North Gondar	6.28	5.27	34.60	10.13	.64	3.59	1.07	41.96
South Gondar	4.17	3.50	75.12	21.99	3.40	19.08	-	-
North Wolo	26.09	21.91	28.81	8.43	2.81	15.77	1.07	41.96
South Wolo	2.63	2.21	51.91	15.20	3.93	22.05	-	-
North Shewa	7.43	6.24	93.74	27.44	3.72	20.88	-	-
East Gojam	26.33	22.11	18.86	5.52	2.52	14.14	-	-
West Gojam	1.65	1.39	14.52	4.25	-	-	-	-
Waghamra	-	-	15.78	4.62	.49	2.75	-	-
Agewawi	44.10	37.03	-	-	.15	.84	-	-
Oromia	.39	.33	8.21	2.40	.16	.90	.41	16.08
Total	119.08	100.00	341.56	100.00	17.82	100.00	2.55	100.00

TABLE 22.4 Number and Percentage Distribution of HORSES, MULES and CAMELS used for Draught Purpose by Zones in Oromia Region, Private Holdings, 1997/98 (1990 E.C.)

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
West Welega	-	-	15.84	-	-	-	-	-
East Welega	2.58	2.29	2.31	2.29	-	-	-	-
Ilubabor	.16	.14	.13	.14	.27	2.66	-	-
Jima	3.85	3.42	2.42	3.42	2.60	25.64	-	-
West Shewa	39.82	35.32	55.90	35.32	-	-	-	-
North Shewa	.17	.15	45.11	.15	.37	3.65	-	-
East Shewa	.63	.56	83.81	.56	.38	3.75	-	-
Arsi	13.34	11.83	44.92	11.83	1.42	14.00	-	-
West Harerge	.36	.32	50.08	.32	.24	2.37	-	-
East Harerge	.49	.43	85.62	.43	2.12	20.91	-	-
Bale and Borena	.52	.46	21.21	.46	.28	2.76	-	-
Borena	50.82	45.08	4.48	45.08	2.45	24.16	4.40	100.00
Total	112.73	100.00	411.85	100.00	10.14	100.00	4.40	100.00

TABLE 22.5 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones in Somalia Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
Shinle	-	-	.16	2.24	-	-	.04	1.31
Jijiga	-	-	6.26	87.68	-	-	1.44	47.06
Moyale	-	-	.72	10.08	-	-	1.58	51.63
Total	-	-	7.14	100.00	-	-	3.06	100.00

TABLE 22.6 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones in Benshangul-Gumuz Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
Metkel	.09	100.00	3.69	61.19	-	-	-	-
Asosa	-	-	.96	15.92	-	-	-	-
Kemeshi	-	-	1.38	22.89	.01	100.00	-	-
Total	.09	100.00	6.03	100.00	.01	100.00	-	-

TABLE 22.7 Number and Percentage Distribution of HORSES, ASSES, MULES and CAMELS used for Draught Purpose by Zones and special weredas in S.N.N.P Region, Private Holdings, 1997/98 (1990 E.C.)

Number in Thousands

Zones	HORSES		ASSES		MULES		CAMELS	
	Number	%	Number	%	Number	%	Number	%
Gurage	.24	4.15	5.32	14.35	.29	1.47	-	-
Hadiya	2.80	48.36	7.57	20.42	4.00	20.24	-	-
Kembata Alaba Tembaro	.37	6.39	13.45	36.27	.66	3.34	-	-
Sidama	-	-	2.67	7.20	.68	3.44	-	-
Gedio	.27	4.66	.30	.81	.26	1.32	-	-
North Omo	-	-	1.67	4.50	11.74	59.41	-	-
South Omo	-	-	1.13	3.05	.08	.40	-	-
Keficho-Shekicho	1.80	31.09	-	-	1.31	6.63	-	-
Bench-Maji	-	-	-	-	.40	2.02	-	-
Yem Special Wereda	.25	4.32	1.10	2.97	.08	.40	-	-
Amaro Special Wereda	.04	.69	-	-	.03	.15	-	-
Burji Special Wereda	-	-	.14	.38	.08	.40	-	-
Konso Special Wereda	-	-	.72	1.94	-	-	-	-
Derashe Special Wereda	.01	.17	3.01	8.12	.14	.71	-	-
Total	5.79	100.00	37.08	100.00	19.76	100.00	-	-

4.4 POULTRY

The number and percentage distribution of poultry by kind at the national level is presented in Table 23. As shown in this table, the number of chicks is considerably high and accounts for about 43% of the total poultry, followed by laying hens and pullets which constitute about 22% and 11% of the total respectively. The total number of non - laying hens is the least of all kind, which accounts to 6.9%.

TABLE 23 Number and percentage distribution of POULTRY by kind, private holdings, National, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	3,193.21	9.68
Cockerels	2,391.15	7.25
Pullets	3,762.38	11.41
Laying hens	7,307.09	22.16
Non-laying hens	2,267.81	6.88
Chicks	14,057.36	42.63
Total poultry	32,978.99	100.00

4.5 BEEHIVES

Frequency of honey production and total honey production are presented in Tables 24-24.7. Based on the survey results, the national frequency of honey production per year is 1.43 for both traditional and modern beehives. Moreover, the total honey produced in the country is 11.9 thousand quintals. The major honey producing regions are S.N.N.P.R, 3.7 thousand quintals, Oromia, 3.5 thousand quintals, Amhara, 2.8 thousand quintals and Tigray, 8 hundred quintals.

Table 24 Frequency of Honey Production and Total Production per Year by Region for private holdings, 1997/98 (1990 E.C.)

Region	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
Tigray	1.24	792.59	1.00	2.93
Afar	1.15	4.72	-	-
Amhara	1.04	2,784.58	1.81	90.03
Oromia	1.12	3,488.54	2.28	31.90
Somali	2.01	5.93	-	-
Benshangule	1.14	728.60	2.00	.73
S.N.N.P.R	1.28	3,725.50	.97	7.63
Gambela	2.32	401.28	-	-
Harari	1.29	1.21	.50	.01
Addis Ababa	1.48	1.19	-	-
Dire Dawa	1.67	1.65	-	-
Total	1.43	11,935.77	1.43	133.23

Table 24.1 Frequency of Honey Production and Total Production per Year by Zones in Tigray Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
West Tigray	1.44	281.75	-	-
Central Tigray	1.15	243.17	1.00	1.19
East Tigray	1.17	139.69	1.00	.23
South Tigray	1.17	127.98	1.00	1.51
Total	1.15	792.59	1.00	2.93

Table 24.2 Frequency of Honey Production and Total Production per Year by
Zones in Afar Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
Zone 1	-	-	-	-
Zone 3	1.15	4.72	-	-
Zone 5	-	-	-	-
Total	1.15	4.72	-	-

Table 24.3 Frequency of Honey Production and Total Production per Year by
Zones in Amhara Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
North Gonder	.86	664.17	1.99	81.66
South Gonder	1.33	360.36	-	-
North Wolo	1.16	154.02	1.00	1.60
South Wolo	1.13	230.89	1.00	3.46
North Shewa	1.01	88.14	-	-
East Gojam	1.22	198.64	-	-
West Gojam	1.32	659.85	-	-
Waghamra	1.31	184.70	-	-
Agewawi	.58	192.48	2.00	2.81
Oromia	1.19	51.33	.62	.50
Total	1.11	2,784.58	1.32	90.03

Table 24.4 Frequency of Honey Production and Total Production per Year by
Zones in Oromia Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
West Welega	1.04	522.40	-	-
East Welega	.91	183.50	-	-
Ilubabor	1.03	239.63	2.00	24.70
Jima	1.04	353.89	-	-
West Shewa	1.24	304.15	2.41	7.21
North Shewa	1.43	55.22	-	-
East Shewa	1.21	119.46	-	-
Arsi	1.13	182.47	-	-
West Harerge	1.30	107.26	-	-
East Harerge	1.94	538.99	-	-
Bale and Borena	1.39	176.82	-	-
Borena	1.13	704.74	-	-
Total	1.23	3,488.54	2.21	31.90

Table 24.5 Frequency of Honey Production and Total Production per Year by
Zones in Somalia Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
Shinle	1.53	.08	-	-
Jijiga	2.04	5.67	-	-
Moyale	1.00	.18	-	-
Total	1.52	5.93	-	-

Table 24.6 Frequency of Honey Production and Total Production per Year by Zones in Benshangul-Gumuz Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
Metkel	1.10	503.25	-	-
Asosa	1.20	200.52	2.00	.73
Kemeshi	1.03	24.83	-	-
Total	1.11	728.60	2.00	.73

Table 24.7 Frequency of Honey Production and Total Production per Year by Zones and special weredas in S.N.N.P Region for private holdings, 1997/98 (1990 E.C.)

Zones	Traditional		Modern	
	Frequency of honey production per Year	Total Honey Production per Year (in 000'Kg)	Frequency of Honey production per year	Total Honey Production per Year (in 000'Kg)
Gurage	1.36	105.82	1.00	2.32
Hadiya	1.62	143.10	-	-
Kembata Alaba Tembaro	1.54	67.58	-	-
Sidama	1.13	257.76	1.00	2.52
Gedio	1.22	105.72	-	-
North Omo	1.63	232.55	1.00	2.79
South Omo	1.74	1,378.03	-	-
Keficho-Shekicho	1.02	1,226.27	-	-
Bench-Maji	1.17	135.02	-	-
Yem Special Wereda	1.37	7.06	-	-
Amaro Special Wereda	1.13	17.71	-	-
Burji Special Wereda	1.02	1.53	-	-
Konso Special Wereda	1.00	23.59	-	-
Derashe Special Wereda	1.47	23.76	-	-
Total	1.32	3,725.50	1.00	7.63

ANNEX TABLES

TIGRAY REGION

Table 25.1 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CATTLE	
	Number	%
Male Total	1,272.15	49.19
Under 6 Month	75.52	2.92
6 Months & Under 1 year	126.37	4.89
1 Year & under 3 years	212.72	8.22
3 Years & under 10 years	765.54	29.60
10 Years & Over	92.01	3.56
Female Total	1,314.19	50.81
Under 6 Month	91.96	3.56
6 Months & Under 1 year	143.74	5.56
1 Year & under 3 years	243.22	9.40
3 Years & under 10 years	769.38	29.75
10 Years & over	65.89	2.55
Total Animal	2,586.35	100.00

Table 25.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands			
	SHEEP		GOATS	
	Number	%	Number	%
Male Total	317.89	27.73	479.60	31.07
Under 6 Month	121.29	10.58	174.94	11.33
6 Months & Under 1 year	48.78	4.26	62.20	4.03
1 Year & under 2 years	47.49	4.14	77.74	5.04
2 Years & over	100.34	8.75	164.71	10.67
Female Total	828.52	72.27	1,064.05	68.93
Under 6 Month	129.06	11.26	179.73	11.64
6 Months & Under 1 year	70.85	6.18	87.95	5.70
1 Year & under 2 years	112.02	9.77	145.04	9.40
2 Years & over	516.59	45.06	651.33	42.19
Total Animal	1,146.41	100.00	1,543.64	100.00

Table 25.3 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	Number in Thousands			
	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	180.52	53.63
Under 3 Years	-	-	38.03	11.30
3 Years and Over	**	**	142.49	42.33
Female Total	.54	45.76	156.08	46.37
Under 3 Years	**	**	33.47	9.94
3 Years and Over	**	**	122.61	36.43
Total Animal	1.18	100.00	336.60	100.00

TIGRAY REGION

Table 25.4 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	11.13	96.80
Under 4 Years	**	**
4 Years & Over	9.67	84.07
Female Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Total Animal	11.50	100.00

Table 25.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	765.54	100.00
For Draught	720.22	94.08
For Beef	28.82	3.76
For Others	16.50	2.16
Female cattle	769.38	100.00
For Milk	713.21	92.70
For Draught	9.09	1.18
For Beef	**	**
For Others	26.17	3.40

Table 25.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	100.34	100.00
	For Mutton/Meat	35.74	35.62
	For wool	-	-
	For Breeding	56.70	56.51
	For Other purposes	7.90	7.87
	Female Total	516.59	100.00
	For Mutton/Meat	22.10	4.28
	For Wool	-	-
GOATS	For Breeding	490.41	94.93
	For Other purposes	4.08	.79
	Male Total	164.71	100.00
	For Meat	60.45	36.70
	For Breeding	95.42	57.93
	For Other purposes	8.84	5.37
	Female Total	651.33	100.00
	For Meat	11.23	1.72
GOATS	For Milk	84.26	12.94
	For Breeding	551.06	84.61
	For Other purposes	4.77	.73

TIGRAY REGION

TABLE 25.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	277.65	8.12
Cockerels	287.67	8.41
Pullets	434.73	12.72
Laying hens	660.42	19.32
Non-Lying hens	233.45	6.83
Chicks	1,524.89	44.60
Total Poultry	3,418.79	100.00

WEST TIGRAY ZONE

Table 25.1.1 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	486.06	44.84
Under 6 Month	37.70	3.48
6 Months & Under 1 year	62.14	5.73
1 Year & under 3 years	92.25	8.51
3 Years & under 10 years	255.71	23.59
10 Years & Over	38.27	3.53
Female Total	597.81	55.15
Under 6 Month	45.18	4.17
6 Months & Under 1 year	73.44	6.78
1 Year & under 3 years	110.67	10.21
3 Years & under 10 years	336.04	31.00
10 Years & over	32.48	3.00
Total Animal	1,083.88	100.00

Table 25.2.1 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	48.91	36.00	189.25	31.02
Under 6 Month	12.08	8.89	71.33	11.69
6 Months & Under 1 year	6.47	4.76	25.48	4.18
1 Year & under 2 years	7.59	5.59	28.74	4.71
2 Years & over	22.77	16.76	63.71	10.44
Female Total	86.97	64.01	420.80	68.98
Under 6 Month	16.93	12.46	73.08	11.98
6 Months & Under 1 year	8.57	6.31	35.98	5.90
1 Year & under 2 years	10.94	8.05	62.29	10.21
2 Years & over	50.53	37.19	249.44	40.89
Total Animal	135.87	100.00	610.05	100.00

Table 25.3.1 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	54.78	55.22
Under 3 Years	-	-	11.33	11.42
3 Years and Over	**	**	43.45	43.80
Female Total	**	**	44.42	44.78
Under 3 Years	-	-	8.81	8.88
3 Years and Over	**	**	35.61	35.90
Total Animal	**	**	99.20	100.00

WEST TIGRAY ZONE

Table 25.4.1 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	3.94	96.90
Under 4 Years	.44	10.70
4 Years & Over	3.51	86.21
Female Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Total Animal	4.07	100.00

Table 25.5.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	255.71	100.00
For Draught	237.63	92.93
For Beef	13.53	5.29
For Others	4.55	1.78
Female cattle	336.04	100.00
For Milk	321.64	95.71
For Draught	1.71	.51
For Beef	7.08	2.11
For Others	5.61	1.67

Table 25.6.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	22.77	100.00
	For Mutton/Meat	5.07	22.27
	For wool	-	-
	For Breeding	13.37	58.72
	For Other purposes	**	**
	Female Total	50.53	100.00
	For Mutton/Meat	2.84	5.62
	For Wool	-	-
GOATS	For Breeding	46.41	91.85
	For Other purposes	**	**
	Male Total	63.71	100.00
	For Meat	22.11	34.70
	For Breeding	37.70	59.17
	For Other purposes	**	**
	Female Total	249.44	100.00
	For Meat	4.52	1.81
	For Milk	17.40	6.98
	For Breeding	224.73	90.09
	For Other purposes	**	**

WEST TIGRAY ZONE

Table 25.7.1 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	101.48	7.81
Cockerels	114.79	8.83
Pullets	157.02	12.08
Laying hens	221.42	17.03
Non-Lying hens	87.06	6.70
Chicks	618.11	47.55
Total Poultry	1,299.87	100.00

CENTRAL TIGRAY ZONE

Table 25.1.2 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	359.58	53.13
Under 6 Month	12.52	1.85
6 Months & Under 1 year	25.22	3.73
1 Year & under 3 years	48.22	7.12
3 Years & under 10 years	246.27	36.39
10 Years & Over	27.35	4.04
Female Total	317.21	46.87
Under 6 Month	17.05	2.52
6 Months & Under 1 year	26.47	3.91
1 Year & under 3 years	55.31	8.17
3 Years & under 10 years	199.69	29.51
10 Years & over	18.70	2.76
Total Animal	676.80	100.00

Table 25.2.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	70.00	25.24	214.25	30.53
Under 6 Month	34.57	12.47	77.59	11.05
6 Months & Under 1 year	9.65	3.48	26.70	3.80
1 Year & under 2 years	8.44	3.04	38.90	5.54
2 Years & over	17.34	6.25	71.06	10.12
Female Total	207.29	74.76	487.63	69.47
Under 6 Month	35.41	12.77	80.88	11.52
6 Months & Under 1 year	12.75	4.60	37.24	5.31
1 Year & under 2 years	30.48	10.99	64.20	9.15
2 Years & over	128.65	46.40	305.31	43.50
Total Animal	277.29	100.00	701.88	100.00

Table 25.3.2 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	42.58	47.09
Under 3 Years	-	-	10.77	11.91
3 Years and Over	-	-	31.81	35.18
Female Total	-	-	47.85	52.91
Under 3 Years	-	-	10.24	11.32
3 Years and Over	-	-	37.61	41.59
Total Animal	-	-	90.43	100.00

Table 25.4.2 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	**	**
Under 4 Years	**	**
4 Years & Over	-	-
Total Animal	4.40	100.00

Table 25.5.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	246.27	100.00
For Draught	229.64	93.25
For Beef	**	**
For Others	8.14	3.31
Female cattle	199.69	100.00
For Milk	170.28	85.27
For Draught	3.35	1.68
For Beef	**	**
For Others	13.74	6.88

Table 25.6.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	17.34	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	10.71	61.76
	For Other purposes	**	**
	Female Total	128.65	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	126.81	98.57
	For Other purposes	**	**
	Male Total	71.06	100.00
	For Meat	27.66	38.92
	For Breeding	41.09	57.82
	For Other purposes	2.31	3.25
	Female Total	305.31	100.00
	For Meat	**	**
	For Milk	49.47	16.20
	For Breeding	251.53	82.39
	For Other purposes	**	**

CENTRAL TIGRAY ZONE

Table 25.7.2 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	90.52	7.51
Cockerels	113.34	9.40
Pullets	171.10	14.19
Laying hens	206.07	17.09
Non-Laying hens	72.25	5.99
Chicks	552.73	45.83
Total Poultry	1,206.01	100.00

EAST TIGRAY ZONE

Table 25.1.3 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	193.11	51.47
Under 6 Month	12.52	3.34
6 Months & Under 1 year	20.55	5.48
1 Year & under 3 years	33.65	8.97
3 Years & under 10 years	114.55	30.53
10 Years & Over	11.83	3.15
Female Total	182.07	48.53
Under 6 Month	12.80	3.41
6 Months & Under 1 year	19.05	5.08
1 Year & under 3 years	34.30	9.14
3 Years & under 10 years	108.21	28.84
10 Years & over	7.72	2.06
Total Animal	375.19	100.00

Table 25.2.3 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	139.43	27.54	51.63	33.02
Under 6 Month	50.49	9.97	17.21	11.01
6 Months & Under 1 year	21.60	4.27	7.79	4.98
1 Year & under 2 years	23.40	4.62	6.51	4.16
2 Years & over	43.94	8.68	20.11	12.86
Female Total	366.89	72.46	104.75	66.98
Under 6 Month	52.56	10.38	17.59	11.25
6 Months & Under 1 year	33.61	6.64	10.39	6.64
1 Year & under 2 years	50.79	10.03	10.57	6.76
2 Years & over	229.93	45.41	66.20	42.33
Total Animal	506.32	100.00	156.38	100.00

Table 25.3.3 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	43.53	60.69
Under 3 Years	-	-	8.40	11.71
3 Years and Over	-	-	35.14	49.00
Female Total	-	-	28.19	39.31
Under 3 Years	-	-	5.55	7.74
3 Years and Over	-	-	22.65	31.58
Total Animal	-	-	71.72	100.00

EAST TIGRAY ZONE

Table 25.4.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	114.55	100.00
For Draught	107.57	93.91
For Beef	**	**
For Others	1.07	.93
Female cattle	108.21	100.00
For Milk	102.91	95.10
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 25.5.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	43.94	100.00
	For Mutton/Meat	20.01	45.54
	For wool	-	-
	For Breeding	22.38	50.93
	For Other purposes	**	**
	Female Total	229.93	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	216.77	94.28
	For Other purposes	**	**
	Male Total	20.11	100.00
	For Meat	7.76	38.59
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	66.20	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	46.21	69.80
	For Other purposes	**	**

Table 25.6.3 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	55.85	10.77
Cockerels	30.22	5.83
Pullets	49.68	9.58
Laying hens	156.78	30.23
Non-Lying hens	44.06	8.50
Chicks	182.05	35.10
Total Poultry	518.64	100.00

SOUTH TIGRAY ZONE

Table 25.1.4 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	233.40	51.81
Under 6 Month	12.78	2.84
6 Months & Under 1 year	18.46	4.10
1 Year & under 3 years	38.60	8.57
3 Years & under 10 years	149.00	33.08
10 Years & Over	14.56	3.23
Female Total	217.09	48.19
Under 6 Month	16.93	3.76
6 Months & Under 1 year	24.78	5.50
1 Year & under 3 years	42.94	9.53
3 Years & under 10 years	125.44	27.85
10 Years & over	7.00	1.55
Total Animal	450.49	100.00

Table 25.2.4 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	59.55	26.24	24.46	32.47
Under 6 Month	24.15	10.64	8.81	11.70
6 Months & Under 1 year	11.06	4.87	2.23	2.96
1 Year & under 2 years	8.05	3.55	3.58	4.75
2 Years & over	16.29	7.18	9.83	13.05
Female Total	167.37	73.76	50.87	67.53
Under 6 Month	24.16	10.65	8.18	10.86
6 Months & Under 1 year	15.92	7.02	4.34	5.76
1 Year & under 2 years	19.81	8.73	7.98	10.59
2 Years & over	107.48	47.36	30.37	40.32
Total Animal	226.92	100.00	75.33	100.00

Table 25.3.4 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	39.63	52.67
Under 3 Years	-	-	7.54	10.02
3 Years and Over	**	**	32.09	42.65
Female Total	**	**	35.61	47.33
Under 3 Years	**	**	8.87	11.79
3 Years and Over	**	**	26.74	35.54
Total Animal	**	**	75.24	100.00

SOUTH TIGRAY

Table 25.4.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	149.00	100.00
For Draught	145.38	97.57
For Beef	**	**
For Others	**	**
Female cattle	125.44	100.00
For Milk	118.38	94.37
For Draught	**	**
For Beef	**	**
For Others	5.82	4.64

Table 25.5.4 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	16.29	100.00
	For Mutton/Meat	4.22	25.91
	For wool	-	-
	For Breeding	10.24	62.86
	For Other purposes	**	**
	Female Total	107.48	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	100.41	93.42
	For Other purposes	**	**
	Male Total	9.83	100.00
	For Meat	2.92	29.70
	For Breeding	4.37	44.46
	For Other purposes	2.54	25.84
	Female Total	30.37	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	28.59	94.14
	For Other purposes	**	**

Table 25.6.4 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	29.80	7.56
Cockerels	29.32	7.44
Pullets	56.93	14.44
Laying hens	76.15	19.32
Non-Laying hens	30.07	7.63
Chicks	172.00	43.63
Total Poultry	394.27	100.00

Table 26.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	227.37	29.61
Under 6 Month	43.40	5.65
6 Months & Under 1 year	42.73	5.56
1 Year & under 3 years	59.43	7.74
3 Years & under 10 years	76.48	9.96
10 Years & Over	5.33	.69
Female Total	540.60	70.39
Under 6 Month	59.52	7.75
6 Months & Under 1 year	60.42	7.87
1 Year & under 3 years	121.26	15.79
3 Years & under 10 years	281.70	36.68
10 Years & over	**	**
Total Animal	767.97	100.00

Table 26.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	164.05	33.62	223.43	29.02
Under 6 Month	32.36	6.63	73.31	9.52
6 Months & Under 1 year	25.55	5.24	26.55	3.45
1 Year & under 2 years	37.03	7.59	40.56	5.27
2 Years & over	69.11	14.16	83.01	10.78
Female Total	323.89	66.38	546.57	70.98
Under 6 Month	50.50	10.35	128.09	16.64
6 Months & Under 1 year	37.72	7.73	43.55	5.66
1 Year & under 2 years	82.77	16.96	80.98	10.52
2 Years & over	152.90	31.34	293.95	38.18
Total Animal	487.94	100.00	770.00	100.00

Table 26.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	16.51	39.37
Under 3 Years	-	-	4.12	9.82
3 Years and Over	-	-	12.40	29.57
Female Total	-	-	25.43	60.63
Under 3 Years	-	-	**	**
3 Years and Over	-	-	15.41	36.74
Total Animal	-	-	41.94	100.00

Table 26.4 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	78.21	34.79
Under 4 Years	29.07	12.93
4 Years & Over	49.14	21.86
Female Total	146.59	65.21
Under 4 Years	43.88	19.52
4 Years & Over	102.71	45.69
Total Animal	224.80	100.00

Table 26.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	76.48	100.00
For Draught	34.99	45.75
For Beef	33.19	43.40
For Others	8.30	10.85
Female cattle	281.70	100.00
For Milk	265.42	94.22
For Draught	.43	.15
For Beef	10.98	3.90
For Others	4.88	1.73

Table 26.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	69.11	100.00
	For Mutton/Meat	27.93	40.41
	For wool	-	-
	For Breeding	38.19	55.26
	For Other purposes	**	**
	Female Total	152.90	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	138.76	90.75
	For Other purposes	**	**
	Male Total	83.01	100.00
	For Meat	36.16	43.56
	For Breeding	42.31	50.97
	For Other purposes	**	**
	Female Total	293.95	100.00
	For Meat	11.58	3.94
	For Milk	143.35	48.77
	For Breeding	139.01	47.29
	For Other purposes	**	**

Table 26.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	10.54	9.69
Cockerels	6.56	6.03
Pullets	10.91	10.03
Laying hens	23.46	21.57
Non-Lying hens	12.89	11.85
Chicks	44.41	40.84
Total Poultry	108.76	100.00

ZONE 1

Table 26.1.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	35.70	24.79
Under 6 Month	6.78	4.71
6 Months & Under 1 year	6.72	4.67
1 Year & under 3 years	7.55	5.24
3 Years & under 10 years	14.55	10.10
10 Years & Over	**	**
Female Total	108.29	75.21
Under 6 Month	10.46	7.26
6 Months & Under 1 year	11.72	8.14
1 Year & under 3 years	16.77	11.65
3 Years & under 10 years	68.93	47.87
10 Years & over	**	**
Total Animal	143.99	100.00

Table 26.2.1 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	23.30	28.47	24.39	30.40
Under 6 Month	4.56	5.57	5.07	6.32
6 Months & Under 1 year	4.14	5.06	3.74	4.66
1 Year & under 2 years	3.88	4.74	4.04	5.03
2 Years & over	10.72	13.10	11.53	14.37
Female Total	58.54	71.53	55.86	69.62
Under 6 Month	7.30	8.92	8.13	10.13
6 Months & Under 1 year	8.07	9.86	7.75	9.66
1 Year & under 2 years	9.73	11.89	9.55	11.90
2 Years & over	33.45	40.87	30.42	37.91
Total Animal	81.84	100.00	80.24	100.00

Table 26.3.1 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	8.01	81.66
Under 4 Years	1.80	18.38
4 Years & Over	6.21	63.28
Female Total	1.80	18.34
Under 4 Years	.38	3.83
4 Years & Over	1.42	14.51
Total Animal	9.81	100.00

ZONE 1

Table 26.4.1 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	8.01	81.66
Under 4 Years	1.80	18.38
4 Years & Over	6.21	63.28
Female Total	1.80	18.34
Under 4 Years	.38	3.83
4 Years & Over	1.42	14.51
Total Animal	9.81	100.00

Table 26.5.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	14.55	100.00
For Draught	7.74	53.20
For Beef	6.24	42.89
For Others	.57	3.92
Female cattle	68.93	100.00
For Milk	62.69	90.95
For Draught	.26	.38
For Beef	2.95	4.28
For Others	3.03	4.40

Table 26.6.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	10.72	100.00
	For Mutton/Meat	3.98	37.13
	For wool	-	-
	For Breeding	6.37	59.42
	For Other purposes	**	**
	Female Total	33.45	100.00
	For Mutton/Meat	2.65	7.92
	For Wool	-	-
	For Breeding	30.78	92.02
	For Other purposes	**	**
GOATS	Male Total	11.53	100.00
	For Meat	4.46	38.68
	For Breeding	6.96	60.36
	For Other purposes	**	**
	Female Total	30.42	100.00
	For Meat	2.62	8.61
	For Milk	7.09	23.31
	For Breeding	20.71	68.08
	For Other purposes	**	**

Table 26.1.2 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	153.36	33.97
Under 6 Month	24.85	5.50
6 Months & Under 1 year	22.80	5.05
1 Year & under 3 years	46.42	10.28
3 Years & under 10 years	54.59	12.09
10 Years & Over	**	**
Female Total	298.11	66.03
Under 6 Month	30.93	6.85
6 Months & Under 1 year	31.41	6.96
1 Year & under 3 years	83.31	18.45
3 Years & under 10 years	135.66	30.05
10 Years & over	**	**
Total Animal	451.48	100.00

Table 26.2.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	125.57	35.52	154.00	33.15
Under 6 Month	21.59	6.11	39.73	8.55
6 Months & Under 1 year	20.13	5.69	20.21	4.35
1 Year & under 2 years	**	**	33.68	7.25
2 Years & over	52.98	14.99	60.38	13.00
Female Total	227.93	64.48	310.49	66.85
Under 6 Month	33.80	9.56	59.52	12.81
6 Months & Under 1 year	26.12	7.39	**	**
1 Year & under 2 years	**	**	66.16	14.24
2 Years & over	101.98	28.85	155.56	33.49
Total Animal	353.51	100.00	464.49	100.00

Table 26.3.2 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	10.83	40.58
Under 3 Years	-	-	1.97	7.38
3 Years and Over	-	-	8.86	33.20
Female Total	-	-	15.86	59.42
Under 3 Years	-	-	**	**
3 Years and Over	-	-	8.66	32.45
Total Animal	-	-	26.69	100.00

Table 26.4.2 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	61.22	32.90
Under 4 Years	22.27	11.97
4 Years & Over	38.94	20.93
Female Total	124.83	67.10
Under 4 Years	37.53	20.17
4 Years & Over	87.29	46.92
Total Animal	186.04	100.00

Table 26.5.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	54.59	100.00
For Draught	23.78	43.56
For Beef	25.18	46.13
For Others	5.63	10.31
Female cattle	135.66	100.00
For Milk	127.66	94.10
For Draught	**	**
For Beef	6.91	5.09
For Others	.99	.73

Table 26.6.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	52.98	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	28.31	53.44
	For Other purposes	**	**
	Female Total	101.98	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	91.05	89.28
	For Other purposes	**	**
	Male Total	60.38	100.00
	For Meat	27.87	46.16
	For Breeding	28.12	46.57
	For Other purposes	**	**
	Female Total	155.56	100.00
	For Meat	**	**
GOATS	For Milk	**	**
	For Breeding	76.50	49.18
	For Other purposes	-	-

ZONE 3

Table 26.7.2 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	9.46	10.16
Cockerels	4.55	4.89
Pullets	8.35	8.97
Laying hens	20.81	22.37
Non-Lying hens	10.93	11.75
Chicks	38.94	41.86
Total Poultry	93.05	100.00

ZONE 5

Table 26.1.3 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	38.31	22.21
Under 6 Month	11.77	6.82
6 Months & Under 1 year	**	**
1 Year & under 3 years	5.46	3.17
3 Years & under 10 years	**	**
10 Years & Over	**	**
Female Total	134.20	77.79
Under 6 Month	18.13	10.51
6 Months & Under 1 year	**	**
1 Year & under 3 years	21.18	12.28
3 Years & under 10 years	77.11	44.70
10 Years & over	**	**
Total Animal	172.51	100.00

Table 26.2.3 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	15.17	28.85	45.04	19.99
Under 6 Month	**	**	**	**
6 Months & Under 1 year	1.28	2.43	2.59	1.15
1 Year & under 2 years	2.28	4.34	2.84	1.26
2 Years & over	5.41	10.29	11.10	4.93
Female Total	37.41	71.14	180.23	80.01
Under 6 Month	**	**	**	**
6 Months & Under 1 year	3.53	6.71	6.55	2.91
1 Year & under 2 years	**	**	5.27	2.34
2 Years & over	17.47	33.22	107.96	47.92
Total Animal	52.59	100.00	225.27	100.00

Table 26.3.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	4.69	33.99
Under 3 Years	-	-	1.68	12.17
3 Years and Over	-	-	3.01	21.81
Female Total	-	-	9.11	66.01
Under 3 Years	-	-	**	**
3 Years and Over	-	-	6.35	46.01
Total Animal	-	-	13.80	100.00

ZONE 5

Table 26.4.3 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	8.98	31.03
Under 4 Years	4.99	17.23
4 Years & Over	3.99	13.80
Female Total	19.97	68.97
Under 4 Years	**	**
4 Years & Over	14.00	48.35
Total Animal	28.95	100.00

Table 26.5.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	**	**
For Draught	**	**
For Beef	1.76	23.98
For Others	**	**
Female cattle	77.11	100.00
For Milk	75.07	97.35
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 26.6.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	5.41	100.00
	For Mutton/Meat	1.87	34.57
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	17.47	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	16.93	96.91
	For Other purposes	-	-
	Male Total	11.10	100.00
	For Meat	**	**
	For Breeding	7.22	65.05
	For Other purposes	**	**
	Female Total	107.96	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	41.80	38.72
	For Other purposes	-	-

Table 26.7.3 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	1.08	6.86
Cockerels	2.00	12.75
Pullets	2.57	16.34
Laying hens	2.64	16.81
Non-Lying hens	1.95	12.43
Chicks	5.47	34.80
Total Poultry	15.71	100.00

Table 27.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	4,539.43	51.67
Under 6 Month	275.18	3.13
6 Months & Under 1 year	364.74	4.15
1 Year & under 3 years	630.00	7.17
3 Years & under 10 years	2,980.65	33.93
10 Years & Over	288.86	3.29
Female Total	4,246.12	48.33
Under 6 Month	319.36	3.64
6 Months & Under 1 year	409.67	4.66
1 Year & under 3 years	724.14	8.24
3 Years & under 10 years	2,673.01	30.43
10 Years & over	119.95	1.37
Total Animal	8,785.55	100.00

Table 27.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	1,146.78	27.06	972.97	32.20
Under 6 Month	486.63	11.48	354.62	11.74
6 Months & Under 1 year	183.97	4.34	149.19	4.94
1 Year & under 2 years	172.86	4.08	159.97	5.29
2 Years & over	303.32	7.16	309.19	10.23
Female Total	3,090.58	72.94	2,048.64	67.80
Under 6 Month	506.96	11.96	397.21	13.15
6 Months & Under 1 year	223.81	5.28	158.21	5.24
1 Year & under 2 years	256.07	6.04	212.12	7.02
2 Years & over	2,103.75	49.65	1,281.09	42.40
Total Animal	4,237.36	100.00	3,021.61	100.00

Table 27.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	99.16	42.42	508.05	42.41
Under 3 Years	18.10	7.74	171.40	14.31
3 Years and Over	81.06	34.67	336.65	28.10
Female Total	134.62	57.58	689.82	57.59
Under 3 Years	25.98	11.11	164.85	13.76
3 Years and Over	108.64	46.47	524.97	43.83
Total Animal	233.78	100.00	1,197.87	100.00

Table 27.4 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	9.45	97.75
Under 4 Years	1.59	16.40
4 Years & Over	7.87	81.34
Female Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Total Animal	9.67	100.00

Table 27.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Sex and Purpose	Number	
	Number	%
Male Cattle	2,980.65	100.00
For Draught	2,883.24	96.73
For Beef	30.59	1.03
For Others	66.82	2.24
Female cattle	2,673.01	100.00
For Milk	2,398.26	89.72
For Draught	68.65	2.57
For Beef	12.26	.46
For Others	193.83	7.25

Table 27.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number	
		Number	%
SHEEP	Male Total	303.32	100.00
	For Mutton/Meat	171.19	56.44
	For wool	2.27	.75
	For Breeding	106.30	35.05
	For Other purposes	23.56	7.77
	Female Total	2,103.75	100.00
	For Mutton/Meat	12.88	.61
	For Wool	**	**
	For Breeding	2,077.37	98.75
	For Other purposes	8.21	.39
GOATS	Male Total	309.19	100.00
	For Meat	187.64	60.69
	For Breeding	109.54	35.43
	For Other purposes	12.00	3.88
	Female Total	1,281.09	100.00
	For Meat	12.91	1.01
	For Milk	**	**
	For Breeding	1,253.96	97.88
	For Other purposes	**	**

Table 27.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	971.78	9.18
Cockerels	619.83	5.85
Pullets	1,087.62	10.27
Laying hens	2,157.47	20.38
Non-Lying hens	756.61	7.15
Chicks	4,994.57	47.17
Total Poultry	10,587.87	100.00

NORTH GONDER ZONE

Table 27.1.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	728.32	48.82
Under 6 Month	41.25	2.77
6 Months & Under 1 year	83.16	5.57
1 Year & under 3 years	109.52	7.34
3 Years & under 10 years	436.78	29.28
10 Years & Over	57.62	3.86
Female Total	763.43	51.18
Under 6 Month	48.17	3.23
6 Months & Under 1 year	83.91	5.62
1 Year & under 3 years	125.42	8.41
3 Years & under 10 years	477.91	32.04
10 Years & over	28.02	1.88
Total Animal	1,491.75	100.00

Table 27.2.1 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	61.88	25.89	132.32	30.88
Under 6 Month	39.18	16.39	54.83	12.80
6 Months & Under 1 year	4.29	1.79	18.44	4.30
1 Year & under 2 years	6.69	2.80	25.48	5.95
2 Years & over	11.72	4.90	33.57	7.83
Female Total	177.14	74.11	296.17	69.12
Under 6 Month	29.28	12.25	65.23	15.22
6 Months & Under 1 year	5.77	2.41	22.58	5.27
1 Year & under 2 years	15.89	6.65	29.19	6.81
2 Years & over	126.20	52.80	179.18	41.82
Total Animal	239.02	100.00	428.50	100.00

Table 27.3.1 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	75.72	40.80
Under 3 Years	**	**	29.13	15.70
3 Years and Over	**	**	46.59	25.10
Female Total	**	**	109.87	59.20
Under 3 Years	**	**	26.41	14.23
3 Years and Over	**	**	83.46	44.97
Total Animal	**	**	185.59	100.00

NORTH GONDER ZONE

Table 27.4.1 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Female Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Total Animal	1.07	100.00

Table 27.5.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	436.78	100.00
For Draught	420.31	96.23
For Beef	**	**
For Others	12.86	2.94
Female cattle	477.91	100.00
For Milk	434.20	90.85
For Draught	**	**
For Beef	**	**
For Others	34.89	7.30

Table 27.6.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	11.72	100.00
	For Mutton/Meat	3.11	26.54
	For wool	-	-
	For Breeding	8.60	73.38
	For Other purposes	-	-
	Female Total	126.20	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	125.68	99.59
	For Other purposes	-	-
	Male Total	33.57	100.00
	For Meat	19.16	57.07
	For Breeding	14.41	42.93
	For Other purposes	-	-
	Female Total	179.18	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	177.21	98.90
	For Other purposes	-	-

NORTH GONDER ZONE

Table 27.7.1 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	146.37	6.18
Cockerels	131.74	5.56
Pullets	178.27	7.53
Laying hens	326.88	13.80
Non-Lying hens	189.92	8.02
Chicks	1,395.01	58.91
Total Poultry	2,368.18	100.00

SOUTH GONDER ZONE

Table 27.1.2 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	589.96	51.95
Under 6 Month	30.35	2.67
6 Months & Under 1 year	40.79	3.59
1 Year & under 3 years	81.39	7.17
3 Years & under 10 years	392.86	34.60
10 Years & Over	44.58	3.93
Female Total	545.61	48.05
Under 6 Month	34.72	3.06
6 Months & Under 1 year	51.49	4.53
1 Year & under 3 years	100.76	8.87
3 Years & under 10 years	335.62	29.56
10 Years & over	23.01	2.03
Total Animal	1,135.56	100.00

Table 27.2.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	135.28	25.72	140.90	30.78
Under 6 Month	80.39	15.28	61.87	13.52
6 Months & Under 1 year	24.56	4.67	25.36	5.54
1 Year & under 2 years	13.10	2.49	22.99	5.02
2 Years & over	17.22	3.27	30.69	6.71
Female Total	390.69	74.28	316.80	69.22
Under 6 Month	71.70	13.63	59.66	13.03
6 Months & Under 1 year	21.48	4.08	27.16	5.93
1 Year & under 2 years	25.49	4.85	32.72	7.15
2 Years & over	272.03	51.72	197.26	43.10
Total Animal	525.97	100.00	457.70	100.00

Table 27.3.2 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	5.50	30.30	51.58	34.86
Under 3 Years	**	**	22.23	15.02
3 Years and Over	3.36	18.51	29.35	19.84
Female Total	12.65	69.70	96.39	65.14
Under 3 Years	**	**	23.63	15.97
3 Years and Over	9.55	52.62	72.76	49.17
Total Animal	18.15	100.00	147.97	100.00

SOUTH GONDER ZONE

Table 27.4.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

South Gonder Zone		Number in Thousands	
Sex and Purpose	Number	%	
Male Cattle	392.86	100.00	
For Draught	379.45	96.59	
For Beef	3.37	.86	
For Others	10.05	2.56	
Female cattle	335.62	100.00	
For Milk	290.39	86.52	
For Draught	9.19	2.74	
For Beef	**	**	
For Others	35.35	10.53	

Table 27.5.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	17.22	100.00
	For Mutton/Meat	10.90	63.30
	For wool	-	-
	For Breeding	4.63	26.89
	For Other purposes	**	** 1
	Female Total	272.03	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	270.50	99.44
	For Other purposes	-	-
GOATS	Male Total	30.69	100.00
	For Meat	16.74	54.55
	For Breeding	13.66	44.51
	For Other purposes	**	**
	Female Total	197.26	100.00
	For Meat	1.25	.63
	For Milk	-	-
	For Breeding	196.00	99.36
	For Other purposes	-	-

Table 27.6.2 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	75.29	5.85
Cockerels	72.41	5.62
Pullets	136.91	10.63
Laying hens	250.58	19.46
Non-Lying hens	78.31	6.08
Chicks	674.26	52.36
Total Poultry	1,287.75	100.00

NORTH WOLO ZONE

Table 27.1.3 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	294.66	47.50
Under 6 Month	22.64	3.65
6 Months & Under 1 year	26.88	4.33
1 Year & under 3 years	43.20	6.96
3 Years & under 10 years	194.56	31.37
10 Years & Over	7.38	1.19
Female Total	325.64	52.50
Under 6 Month	27.31	4.40
6 Months & Under 1 year	28.85	4.65
1 Year & under 3 years	62.04	10.00
3 Years & under 10 years	201.28	32.45
10 Years & over	6.16	.99
Total Animal	620.30	100.00

Table 27.2.3 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	141.41	27.44	65.14	29.04
Under 6 Month	49.89	9.68	20.95	9.34
6 Months & Under 1 year	26.14	5.07	12.30	5.48
1 Year & under 2 years	22.08	4.28	11.22	5.00
2 Years & over	43.30	8.40	20.67	9.22
Female Total	373.91	72.56	159.14	70.96
Under 6 Month	61.90	12.01	25.77	11.49
6 Months & Under 1 year	30.54	5.93	12.81	5.71
1 Year & under 2 years	43.02	8.35	16.80	7.49
2 Years & over	238.46	46.27	103.75	46.26
Total Animal	515.32	100.00	224.28	100.00

Table 27.3.3 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	15.83	43.83	47.04	45.35
Under 3 Years	4.62	12.79	13.82	13.32
3 Years and Over	11.21	31.04	33.21	32.02
Female Total	20.29	56.17	56.68	54.65
Under 3 Years	4.10	11.35	13.01	12.54
3 Years and Over	**	**	43.67	42.10
Total Animal	36.12	100.00	103.72	100.00

NORTH WOLO ZONE

Table 27.4.3 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Total Animal	2.19	100.00

Table 27.5.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	194.56	100.00
For Draught	193.38	99.39
For Beef	**	**
For Others	**	**
Female cattle	201.28	100.00
For Milk	185.86	92.34
For Draught	6.12	3.04
For Beef	**	**
For Others	8.63	4.29

Table 27.6.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	43.30	100.00
	For Mutton/Meat	27.29	63.03
	For wool	**	**
	For Breeding	7.84	18.11
	For Other purposes	**	**
	Female Total	238.46	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
	For Breeding	226.79	95.11
	For Other purposes	**	**
GOATS	Male Total	20.67	100.00
	For Meat	15.13	73.20
	For Breeding	4.58	22.16
	For Other purposes	**	**
	Female Total	103.75	100.00
	For Meat	1.75	1.69
	For Milk	-	-
	For Breeding	102.00	98.31
	For Other purposes	-	-

NORTH WOLO ZONE

Table 27.7.3 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	120.81	15.97
Cockerels	46.05	6.09
Pullets	83.67	11.06
Laying hens	156.53	20.69
Non-Lying hens	68.66	9.08
Chicks	280.84	37.12
Total Poultry	756.56	100.00

SOUTH WOLO ZONE

Table 27.1.4 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	691.35	50.52
Under 6 Month	41.22	3.01
6 Months & Under 1 year	65.72	4.80
1 Year & under 3 years	102.40	7.48
3 Years & under 10 years	465.88	34.05
10 Years & Over	16.12	1.18
Female Total	677.03	49.48
Under 6 Month	53.74	3.93
6 Months & Under 1 year	76.41	5.58
1 Year & under 3 years	112.89	8.25
3 Years & under 10 years	425.94	31.13
10 Years & over	8.05	.59
Total Animal	1,368.38	100.00

Table 27.2.4 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	250.32	25.69	183.03	31.78
Under 6 Month	100.22	10.29	75.67	13.14
6 Months & Under 1 year	45.94	4.71	21.52	3.74
1 Year & under 2 years	38.17	3.92	25.57	4.44
2 Years & over	65.99	6.77	60.27	10.46
Female Total	724.06	74.31	392.90	68.22
Under 6 Month	109.24	11.21	80.98	14.06
6 Months & Under 1 year	54.86	5.63	25.32	4.40
1 Year & under 2 years	44.76	4.59	28.23	4.90
2 Years & over	515.19	52.87	258.38	44.86
Total Animal	974.37	100.00	575.93	100.00

Table 27.3.4 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	9.81	29.63	79.67	41.82
Under 3 Years	1.49	4.50	23.98	12.59
3 Years and Over	**	**	55.69	29.24
Female Total	23.30	70.37	110.82	58.18
Under 3 Years	**	**	26.52	13.92
3 Years and Over	19.89	60.07	84.30	44.25
Total Animal	33.11	100.00	190.49	100.00

Table 27.4.4 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Total Animal	2.78	100.00

Table 27.5.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	465.88	100.00
For Draught	458.54	98.42
For Beef	1.63	.35
For Others	**	**
Female cattle	425.94	100.00
For Milk	394.27	92.56
For Draught	7.95	1.87
For Beef	**	**
For Others	20.69	4.86

Table 27.6.4 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	65.99	100.00
	For Mutton/Meat	41.35	62.66
	For wool	-	-
	For Breeding	19.24	29.16
	For Other purposes	5.40	8.18
	Female Total	515.19	100.00
	For Mutton/Meat	2.40	.47
	For Wool	-	-
	For Breeding	512.40	99.46
	For Other purposes	**	**
GOATS	Male Total	60.27	100.00
	For Meat	41.48	68.82
	For Breeding	12.51	20.76
	For Other purposes	**	**
	Female Total	258.38	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	255.95	99.06
	For Other purposes	**	**

SOUTH WOLO ZONE

Table 27.7.4 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	268.44	16.14
Cockerels	98.15	5.90
Pullets	191.47	11.52
Laying hens	420.70	25.30
Non-Lying hens	114.75	6.90
Chicks	569.25	34.24
Total Poultry	1,662.77	100.00

NORTH SHEWA ZONE

Table 27.1.5 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	520.48	58.46
Under 6 Month	25.58	2.87
6 Months & Under 1 year	22.88	2.57
1 Year & under 3 years	56.62	6.36
3 Years & under 10 years	359.89	40.42
10 Years & Over	55.51	6.23
Female Total	369.89	41.54
Under 6 Month	29.32	3.29
6 Months & Under 1 year	32.63	3.66
1 Year & under 3 years	62.02	6.97
3 Years & under 10 years	234.59	26.35
10 Years & over	11.33	1.27
Total Animal	890.37	100.00

Table 27.2.5 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	224.46	32.26	151.00	38.20
Under 6 Month	75.95	10.91	42.23	10.68
6 Months & Under 1 year	26.93	3.87	15.30	3.87
1 Year & under 2 years	42.49	6.11	27.50	6.96
2 Years & over	79.08	11.36	65.96	16.69
Female Total	471.40	67.74	244.26	61.80
Under 6 Month	81.67	11.74	50.35	12.74
6 Months & Under 1 year	38.21	5.49	19.80	5.01
1 Year & under 2 years	40.00	5.75	22.75	5.76
2 Years & over	311.51	44.77	151.37	38.30
Total Animal	695.85	100.00	395.26	100.00

Table 27.3.5 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	7.67	30.23	91.19	45.67
Under 3 Years	2.81	11.08	22.00	11.02
3 Years and Over	**	**	69.20	34.66
Female Total	17.70	69.77	108.48	54.33
Under 3 Years	**	**	18.91	9.47
3 Years and Over	14.89	58.69	89.57	44.86
Total Animal	25.37	100.00	199.68	100.00

NORTH SHEWA ZONE

Table 27.4.5 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Female Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Total Animal	1.10	100.00

Table 27.5.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	359.89	100.00
For Draught	345.32	95.95
For Beef	10.68	2.97
For Others	3.90	1.08
Female cattle	234.59	100.00
For Milk	208.85	89.03
For Draught	**	**
For Beef	2.98	1.27
For Others	15.00	6.39

Table 27.6.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	79.08	100.00
	For Mutton/Meat	42.15	53.30
	For wool	**	**
	For Breeding	32.66	41.30
	For Other purposes	**	**
	Female Total	311.51	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
	For Breeding	308.48	99.03
	For Other purposes	**	**
GOATS	Male Total	65.96	100.00
	For Meat	43.72	66.28
	For Breeding	21.56	32.69
	For Other purposes	**	**
	Female Total	151.37	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	146.33	96.67
	For Other purposes	-	-

NORTH SHEWA ZONE

Table 27.7.5 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	131.93	11.45
Cockerels	66.14	5.74
Pullets	139.24	12.08
Laying hens	312.27	27.09
Non-Lying hens	84.21	7.31
Chicks	418.95	36.34
Total Poultry	1,152.73	100.00

EAST GOJAM ZONE

Table 27.1.6 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	611.26	55.41
Under 6 Month	32.36	2.93
6 Months & Under 1 year	47.29	4.29
1 Year & under 3 years	80.35	7.28
3 Years & under 10 years	414.23	37.55
10 Years & Over	37.03	3.36
Female Total	491.90	44.59
Under 6 Month	36.08	3.27
6 Months & Under 1 year	49.18	4.46
1 Year & under 3 years	84.96	7.70
3 Years & under 10 years	312.63	28.34
10 Years & over	9.05	.82
Total Animal	1,103.17	100.00

Table 27.2.6 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	153.24	23.48	64.69	29.04
Under 6 Month	63.23	9.69	20.97	9.41
6 Months & Under 1 year	21.88	3.35	15.37	6.90
1 Year & under 2 years	30.20	4.63	9.53	4.28
2 Years & over	37.94	5.81	18.82	8.45
Female Total	499.51	76.52	158.11	70.96
Under 6 Month	75.27	11.53	27.21	12.21
6 Months & Under 1 year	37.10	5.68	12.09	5.43
1 Year & under 2 years	46.08	7.06	18.30	8.21
2 Years & over	341.06	52.25	100.51	45.11
Total Animal	652.76	100.00	222.80	100.00

Table 27.3.6 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	24.54	48.02	71.77	45.04
Under 3 Years	3.63	7.10	27.81	17.45
3 Years and Over	20.92	40.94	43.97	27.60
Female Total	26.56	51.98	87.55	54.95
Under 3 Years	6.38	12.49	23.74	14.90
3 Years and Over	20.18	39.49	63.82	40.06
Total Animal	51.10	100.00	159.33	100.00

EAST GOJAM ZONE

Table 27.4.6 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	414.23	100.00
For Draught	399.92	96.55
For Beef	**	**
For Others	5.50	1.33
Female cattle	312.63	100.00
For Milk	280.63	89.76
For Draught	11.50	3.68
For Beef	**	**
For Others	18.23	5.83

Table 27.5.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	37.94	100.00
	For Mutton/Meat	24.81	65.39
	For wool	**	**
	For Breeding	10.35	27.28
	For Other purposes	**	**
	Female Total	341.06	100.00
	For Mutton/Meat	.58	.17
	For Wool	-	-
	For Breeding	338.89	99.36
	For Other purposes	**	**
GOATS	Male Total	18.82	100.00
	For Meat	13.32	70.78
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	100.51	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	100.10	99.59
	For Other purposes	-	-

Table 27.6.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	75.55	9.38
Cockerels	52.97	6.58
Pullets	101.41	12.60
Laying hens	222.61	27.65
Non-Laying hens	71.04	8.82
Chicks	281.41	34.96
Total Poultry	804.98	100.00

WEST GOJAM ZONE

Table 27.1.7 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	642.18	54.05
Under 6 Month	41.36	3.48
6 Months & Under 1 year	36.82	3.10
1 Year & under 3 years	85.24	7.17
3 Years & under 10 years	426.65	35.91
10 Years & Over	52.12	4.39
Female Total	545.94	45.95
Under 6 Month	40.89	3.44
6 Months & Under 1 year	42.92	3.61
1 Year & under 3 years	87.39	7.36
3 Years & under 10 years	354.97	29.88
10 Years & over	19.77	1.66
Total Animal	1,188.11	100.00

Table 27.2.7 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	67.30	29.60	91.06	35.60
Under 6 Month	24.90	10.95	29.47	11.52
6 Months & Under 1 year	19.20	8.44	19.66	7.69
1 Year & under 2 years	6.90	3.03	13.90	5.43
2 Years & over	16.30	7.17	28.03	10.96
Female Total	160.09	70.40	164.71	64.40
Under 6 Month	24.34	10.70	33.12	12.95
6 Months & Under 1 year	14.12	6.21	16.92	6.62
1 Year & under 2 years	15.21	6.69	22.98	8.98
2 Years & over	106.42	46.80	91.69	35.85
Total Animal	227.39	100.00	255.77	100.00

Table 27.3.7 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	54.22	43.85
Under 3 Years	**	**	21.56	17.44
3 Years and Over	**	**	32.66	26.41
Female Total	**	**	69.43	56.15
Under 3 Years	**	**	19.84	16.05
3 Years and Over	**	**	49.59	40.11
Total Animal	**	**	123.65	100.00

WEST GOJAM ZONE

Table 27.4.7 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	426.65	100.00
For Draught	411.26	96.39
For Beef	**	**
For Others	14.56	3.41
Female cattle	354.97	100.00
For Milk	299.28	84.31
For Draught	13.74	3.87
For Beef	1.22	.34
For Others	40.73	11.47

Table 27.5.7 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	16.30	100.00
	For Mutton/Meat	12.05	73.93
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	106.42	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	104.37	98.07
	For Other purposes	**	**
GOATS	Male Total	28.03	100.00
	For Meat	**	**
	For Breeding	**	**
	For Other purposes	-	-
	Female Total	91.69	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	91.12	99.38
	For Other purposes	-	-

Table 27.6.7 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	77.08	4.84
Cockerels	96.18	6.04
Pullets	160.15	10.06
Laying hens	278.80	17.52
Non-Lying hens	87.43	5.49
Chicks	891.83	56.04
Total Poultry	1,591.47	100.00

WAGHAMERA ZONE

Table 27.1.8 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	128.56	48.80
Under 6 Month	8.33	3.16
6 Months & Under 1 year	13.19	5.01
1 Year & under 3 years	20.46	7.77
3 Years & under 10 years	81.16	30.81
10 Years & Over	5.42	2.06
Female Total	134.86	51.20
Under 6 Month	10.46	3.97
6 Months & Under 1 year	14.93	5.67
1 Year & under 3 years	24.31	9.23
3 Years & under 10 years	81.83	31.06
10 Years & over	3.33	1.26
Total Animal	263.42	100.00

Table 27.2.8 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	62.94	30.04	90.87	30.86
Under 6 Month	**	**	27.98	9.50
6 Months & Under 1 year	**	**	13.71	4.66
1 Year & under 2 years	8.14	3.89	14.75	5.01
2 Years & over	21.47	10.25	34.43	11.69
Female Total	146.57	69.96	203.56	69.13
Under 6 Month	**	**	33.83	11.49
6 Months & Under 1 year	12.93	6.17	11.71	3.98
1 Year & under 2 years	14.34	6.84	30.44	10.34
2 Years & over	88.73	42.35	127.57	43.33
Total Animal	209.50	100.00	294.44	100.00

Table 27.3.8 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.07	36.84	19.24	50.23
Under 3 Years	.07	36.84	4.82	12.58
3 Years and Over	-	-	14.43	37.68
Female Total	.13	68.42	19.06	49.77
Under 3 Years	-	-	4.48	11.70
3 Years and Over	**	**	14.57	38.04
Total Animal	.19	100.00	38.30	100.00

WAGHAMERA ZONE

Table 27.4.8 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	81.16	100.00
For Draught	79.79	98.31
For Beef	**	**
For Others	**	**
Female cattle	81.83	100.00
For Milk	77.78	95.05
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 27.5.8 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	21.47	100.00
	For Mutton/Meat	5.65	26.32
	For wool	-	-
	For Breeding	**	**
	For Other purposes	.51	2.38
	Female Total	88.73	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	88.45	99.68
	For Other purposes	.08	.09
GOATS	Male Total	34.43	100.00
	For Meat	10.23	29.71
	For Breeding	23.62	68.60
	For Other purposes	**	**
	Female Total	127.57	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	117.53	92.13
	For Other purposes	-	-

Table 27.6.8 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	23.96	8.99
Cockerels	24.12	9.05
Pullets	35.25	13.23
Laying hens	52.48	19.69
Non-Lying hens	17.16	6.44
Chicks	113.55	42.61
Total Poultry	266.52	100.00

AGEWAWI ZONE

Table 27.1.9 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	213.46	45.36
Under 6 Month	18.93	4.02
6 Months & Under 1 year	15.76	3.35
1 Year & under 3 years	31.73	6.74
3 Years & under 10 years	135.27	28.75
10 Years & Over	11.77	2.50
Female Total	257.10	54.64
Under 6 Month	25.82	5.49
6 Months & Under 1 year	15.82	3.36
1 Year & under 3 years	43.14	9.17
3 Years & under 10 years	164.03	34.86
10 Years & over	8.28	1.76
Total Animal	470.56	100.00

Table 27.2.9 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	34.21	21.01	24.73	32.37
Under 6 Month	22.24	13.66	10.29	13.47
6 Months & Under 1 year	4.55	2.79	3.33	4.36
1 Year & under 2 years	1.70	1.04	3.42	4.48
2 Years & over	5.71	3.51	7.69	10.07
Female Total	128.60	78.99	51.66	67.63
Under 6 Month	21.16	13.00	10.49	13.73
6 Months & Under 1 year	7.05	4.33	4.17	5.46
1 Year & under 2 years	8.58	5.27	3.57	4.67
2 Years & over	91.81	56.39	33.44	43.78
Total Animal	162.81	100.00	76.39	100.00

Table 27.3.9 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	26.53	51.60	6.11	27.94
Under 3 Years	1.80	3.50	2.95	13.49
3 Years and Over	24.73	48.10	3.16	14.45
Female Total	24.88	48.40	15.76	72.06
Under 3 Years	4.87	9.47	4.77	21.81
3 Years and Over	20.01	38.92	11.00	50.30
Total Animal	51.41	100.00	21.87	100.00

AGEWAWI ZONE

Table 27.4.9 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	135.27	100.00
For Draught	122.72	90.72
For Beef	**	**
For Others	12.15	8.98
Female cattle	164.03	100.00
For Milk	144.00	87.79
For Draught	3.47	2.12
For Beef	**	**
For Others	15.96	9.73

Table 27.5.9 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	5.71	100.00
	For Mutton/Meat	2.13	37.30
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	91.81	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
GOATS	For Breeding	89.94	97.96
	For Other purposes	**	**
	Male Total	7.69	100.00
	For Meat	5.19	67.49
	For Breeding	1.58	20.55
	For Other purposes	**	**
	Female Total	33.44	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	32.51	97.22
	For Other purposes	**	**

Table 27.6.9 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	22.12	4.85
Cockerels	19.35	4.24
Pullets	37.74	8.27
Laying hens	86.98	19.07
Non-Lying hens	22.62	4.96
Chicks	267.31	58.60
Total Poultry	456.12	100.00

OROMIYA ZONE

Table 27.1.10 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	119.21	46.94
Under 6 Month	13.16	5.18
6 Months & Under 1 year	12.26	4.83
1 Year & under 3 years	19.10	7.52
3 Years & under 10 years	73.38	28.90
10 Years & Over	1.32	.52
Female Total	134.73	53.06
Under 6 Month	12.83	5.05
6 Months & Under 1 year	13.55	5.34
1 Year & under 3 years	21.21	8.35
3 Years & under 10 years	84.20	33.16
10 Years & over	2.94	1.16
Total Animal	253.94	100.00

Table 27.2.10 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	15.74	45.80	29.23	32.28
Under 6 Month	4.64	13.50	10.37	11.45
6 Months & Under 1 year	3.12	9.08	4.19	4.63
1 Year & under 2 years	3.40	9.89	5.60	6.18
2 Years & over	4.59	13.35	9.07	10.02
Female Total	18.62	54.18	61.31	67.71
Under 6 Month	1.82	5.30	10.57	11.67
6 Months & Under 1 year	1.75	5.09	5.66	6.25
1 Year & under 2 years	2.70	7.86	7.16	7.91
2 Years & over	12.35	35.93	37.92	41.88
Total Animal	34.37	100.00	90.55	100.00

Table 27.3.10 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.12	24.00	11.51	42.19
Under 3 Years	-	-	3.12	11.44
3 Years and Over	.12	24.00	8.39	30.76
Female Total	.39	78.00	15.77	57.81
Under 3 Years	-	-	3.54	12.98
3 Years and Over	**	**	12.23	44.83
Total Animal	.50	100.00	27.28	100.00

OROMIYA ZONE

Table 27.4.10 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	2.53	100.00
Under 4 Years	**	**
4 Years & Over	1.50	59.25
Female Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Total Animal	2.53	100.00

Table 27.5.10 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number	
	Number	%
Male Cattle	73.38	100.00
For Draught	72.57	98.90
For Beef	**	**
For Others	**	**
Female cattle	84.20	100.00
For Milk	83.00	98.57
For Draught	**	**
For Beef	-	-
For Others	**	**

Table 27.6.10 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number	
		Number	%
SHEEP	Male Total	4.59	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	2.34	50.98
	For Other purposes	**	**
	Female Total	12.35	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	11.87	96.11
	For Other purposes	**	**
	Male Total	9.07	100.00
	For Meat	3.51	38.70
	For Breeding	4.48	49.39
	For Other purposes	**	**
	Female Total	37.92	100.00
	For Meat	1.15	3.03
	For Milk	**	**
	For Breeding	35.22	92.88
	For Other purposes	**	**

OROMIYA ZONE

Table 27.7.10 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	30.24	12.56
Cockerels	12.73	5.29
Pullets	23.51	9.76
Laying hens	49.64	20.62
Non-Lying hens	22.50	9.34
Chicks	102.17	42.43
Total Poultry	240.80	100.00

OROMIYA

Table 28.1 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	7,055.29	45.58
Under 6 Month	710.75	4.59
6 Months & Under 1 year	586.20	3.79
1 Year & under 3 years	1,306.25	8.44
3 Years & under 10 years	4,269.62	27.58
10 Years & Over	182.48	1.18
Female Total	8,423.77	54.42
Under 6 Month	813.71	5.26
6 Months & Under 1 year	691.16	4.47
1 Year & under 3 years	1,450.77	9.37
3 Years & under 10 years	5,280.04	34.11
10 Years & over	188.08	1.22
Total Animal	15,479.06	100.00

Table 28.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	1,283.04	25.21	919.86	30.77
Under 6 Month	675.59	13.28	364.22	12.18
6 Months & Under 1 year	222.53	4.37	163.97	5.49
1 Year & under 2 years	142.82	2.81	151.71	5.08
2 Years & over	242.10	4.76	239.96	8.03
Female Total	3,805.39	74.79	2,069.38	69.23
Under 6 Month	734.92	14.44	362.66	12.13
6 Months & Under 1 year	313.74	6.17	201.14	6.73
1 Year & under 2 years	385.17	7.57	279.40	9.35
2 Years & over	2,371.56	46.61	1,226.18	41.02
Total Animal	5,088.43	100.00	2,989.24	100.00

Table 28.3 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	385.90	49.09	632.22	48.63
Under 3 Years	86.10	10.95	153.79	11.83
3 Years and Over	299.80	38.14	478.42	36.80
Female Total	400.16	50.91	667.82	51.37
Under 3 Years	86.69	11.03	153.86	11.84
3 Years and Over	313.48	39.88	513.96	39.53
Total Animal	786.06	100.00	1,300.03	100.00

OROMIYA

Table 28.4 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	25.25	35.78
Under 4 Years	13.18	18.67
4 Years & Over	12.08	17.11
Female Total	45.32	64.22
Under 4 Years	12.84	18.20
4 Years & Over	32.48	46.02
Total Animal	70.58	100.00

Table 28.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number	
	Number	%
Male Cattle	4,269.62	100.00
For Draught	3,908.41	91.54
For Beef	128.38	3.01
For Others	232.83	5.45
Female cattle	5,280.04	100.00
For Milk	4,752.52	90.01
For Draught	48.58	.92
For Beef	41.09	.78
For Others	437.85	8.29

Table 28.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number	
		Number	%
SHEEP	Male Total	242.10	100.00
	For Mutton/Meat	124.17	51.29
	For wool	-	-
	For Breeding	101.67	42.00
	For Other purposes	16.25	6.71
	Female Total	2,370.88	100.00
	For Mutton/Meat	19.20	.81
	For Wool	**	**
	For Breeding	2,342.38	98.80
	For Other purposes	7.89	.33
GOATS	Male Total	239.96	100.00
	For Meat	128.98	53.75
	For Breeding	104.04	43.36
	For Other purposes	6.93	2.89
	Female Total	1,226.18	100.00
	For Meat	21.94	1.79
	For Milk	155.88	12.71
	For Breeding	1,045.64	85.28
	For Other purposes	2.73	.22

OROMIYA

Table 28.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	1,195.79	10.31
Cockerels	855.02	7.37
Pullets	1,268.40	10.94
Laying hens	2,865.70	24.71
Non-Lying hens	724.89	6.25
Chicks	4,689.63	40.43
Total Poultry	11,599.43	100.00

WEST WELEGA ZONE

Table 28.1.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	500.97	46.27
Under 6 Month	56.06	5.18
6 Months & Under 1 year	37.82	3.49
1 Year & under 3 years	84.17	7.77
3 Years & under 10 years	308.67	28.51
10 Years & Over	14.25	1.32
Female Total	581.74	53.73
Under 6 Month	63.93	5.90
6 Months & Under 1 year	50.50	4.66
1 Year & under 3 years	90.16	8.33
3 Years & under 10 years	361.07	33.35
10 Years & over	16.07	1.48
Total Animal	1,082.71	100.00

Table 28.2.1 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	73.05	26.10	32.05	28.20
Under 6 Month	38.93	13.91	17.53	15.42
6 Months & Under 1 year	15.04	5.37	7.18	6.32
1 Year & under 2 years	7.06	2.52	2.58	2.27
2 Years & over	**	**	4.76	4.19
Female Total	206.83	73.90	81.61	71.80
Under 6 Month	39.51	14.12	17.90	15.75
6 Months & Under 1 year	17.38	6.21	10.16	8.94
1 Year & under 2 years	31.02	11.08	16.44	14.46
2 Years & over	118.92	42.49	37.11	32.65
Total Animal	279.88	100.00	113.67	100.00

Table 28.3.1 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	28.83	37.45
Under 3 Years	-	-	10.39	13.50
3 Years and Over	**	**	18.44	23.95
Female Total	**	**	48.15	62.54
Under 3 Years	**	**	14.07	18.28
3 Years and Over	**	**	34.08	44.27
Total Animal	**	**	76.99	100.00

WEST WELEGA ZONE

Table 28.4.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	308.67	100.00
For Draught	278.02	90.07
For Beef	1.69	.55
For Others	28.96	9.38
Female cattle	361.07	100.00
For Milk	301.06	83.38
For Draught	2.95	.82
For Beef	**	**
For Others	56.26	15.58

Table 28.5.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	**	**
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	118.92	100.00
	For Mutton/Meat	2.50	2.10
	For Wool	-	-
GOATS	For Breeding	115.88	97.44
	For Other purposes	**	**
	Male Total	4.76	100.00
	For Meat	**	**
	For Breeding	2.20	46.22
	For Other purposes	**	**
	Female Total	37.11	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	36.40	98.09
	For Other purposes	-	-

Table 28.6.1 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	130.74	9.26
Cockerels	95.00	6.73
Pullets	161.67	11.45
Laying hens	292.76	20.74
Non-Lying hens	60.02	4.25
Chicks	671.41	47.56
Total Poultry	1,411.59	100.00

EAST WELEGA ZONE

Table 28.1.2 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	567.64	47.55
Under 6 Month	61.33	5.14
6 Months & Under 1 year	45.26	3.79
1 Year & under 3 years	106.98	8.96
3 Years & under 10 years	329.51	27.60
10 Years & Over	24.55	2.06
Female Total	626.12	52.45
Under 6 Month	64.82	5.43
6 Months & Under 1 year	49.71	4.16
1 Year & under 3 years	98.23	8.23
3 Years & under 10 years	394.12	33.02
10 Years & over	19.24	1.61
Total Animal	1,193.76	100.00

Table 28.2.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	67.76	24.73	40.14	27.85
Under 6 Month	39.56	14.44	22.95	15.93
6 Months & Under 1 year	8.83	3.22	6.27	4.35
1 Year & under 2 years	6.94	2.53	5.52	3.83
2 Years & over	12.42	4.53	5.40	3.75
Female Total	206.23	75.27	103.97	72.15
Under 6 Month	45.03	16.43	24.75	17.17
6 Months & Under 1 year	18.47	6.74	7.72	5.36
1 Year & under 2 years	22.23	8.11	19.66	13.64
2 Years & over	120.51	43.98	51.84	35.97
Total Animal	273.99	100.00	144.11	100.00

Table 28.3.2 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	18.65	50.05	28.22	43.68
Under 3 Years	6.03	16.18	8.83	13.67
3 Years and Over	12.61	33.84	19.39	30.01
Female Total	**	**	36.39	56.32
Under 3 Years	**	**	8.67	13.42
3 Years and Over	**	**	27.72	42.90
Total Animal	37.26	100.00	64.61	100.00

EAST WELEGA ZONE

Table 28.4.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	329.51	100.00
For Draught	309.05	93.79
For Beef	**	**
For Others	18.11	5.50
Female cattle	394.12	100.00
For Milk	324.04	82.22
For Draught	8.74	2.22
For Beef	**	**
For Others	58.72	14.90

Table 28.5.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	12.42	100.00
	For Mutton/Meat	2.47	19.89
	For wool	-	-
	For Breeding	8.74	70.37
	For Other purposes	**	**
	Female Total	120.51	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	120.33	99.85
	For Other purposes	-	-
GOATS	Male Total	5.40	100.00
	For Meat	2.81	52.04
	For Breeding	2.40	44.44
	For Other purposes	**	**
	Female Total	51.84	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	51.31	98.98
	For Other purposes	**	**

Table 28.6.2 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	74.44	8.61
Cockerels	64.30	7.43
Pullets	86.46	10.00
Laying hens	173.44	20.05
Non-Lying hens	38.97	4.51
Chicks	427.26	49.40
Total Poultry	864.88	100.00

ILLIBABOR ZONE

Table 28.1.3 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	309.13	48.67
Under 6 Month	39.10	6.16
6 Months & Under 1 year	19.00	2.99
1 Year & under 3 years	65.49	10.31
3 Years & under 10 years	182.47	28.73
10 Years & Over	**	**
Female Total	326.07	51.33
Under 6 Month	34.20	5.38
6 Months & Under 1 year	24.02	3.78
1 Year & under 3 years	65.67	10.34
3 Years & under 10 years	197.92	31.16
10 Years & over	4.26	.67
Total Animal	635.20	100.00

Table 28.2.3 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	63.68	22.64	17.89	25.72
Under 6 Month	40.40	14.36	8.26	11.87
6 Months & Under 1 year	8.81	3.13	3.11	4.47
1 Year & under 2 years	6.34	2.25	4.18	6.01
2 Years & over	8.12	2.89	2.34	3.36
Female Total	217.61	77.36	51.67	74.28
Under 6 Month	41.09	14.61	9.15	13.15
6 Months & Under 1 year	11.48	4.08	4.43	6.37
1 Year & under 2 years	22.22	7.90	4.33	6.22
2 Years & over	142.82	50.77	33.75	48.52
Total Animal	281.29	100.00	69.56	100.00

Table 28.3.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	10.67	40.34	1.87	29.64
Under 3 Years	3.71	14.03	**	**
3 Years and Over	6.96	26.31	1.45	22.98
Female Total	15.78	59.66	4.44	70.36
Under 3 Years	2.84	10.74	**	**
3 Years and Over	12.95	48.96	2.56	40.57
Total Animal	26.45	100.00	6.31	100.00

ILLIBABOR ZONE

Table 28.4.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	182.47	100.00
For Draught	175.82	96.36
For Beef	**	**
For Others	6.36	3.49
Female cattle	197.92	100.00
For Milk	189.45	95.72
For Draught	**	**
For Beef	-	-
For Others	7.73	3.91

Table 28.5.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	8.12	100.00
	For Mutton/Meat	3.39	41.75
	For wool	-	-
	For Breeding	4.60	56.65
	For Other purposes	**	**
	Female Total	142.82	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	142.47	99.75
	For Other purposes	-	-
GOATS	Male Total	2.34	100.00
	For Meat	**	**
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	33.75	100.00
	For Meat	-	-
	For Milk	-	-
	For Breeding	33.75	100.00
	For Other purposes	-	-

Table 28.6.3 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	74.37	11.32
Cockerels	33.78	5.14
Pullets	53.51	8.15
Laying hens	154.87	23.58
Non-Lying hens	42.78	6.51
Chicks	297.58	45.30
Total Poultry	656.89	100.00

JIMMA ZONE

Table 28.1.4 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	722.75	48.20
Under 6 Month	74.23	4.95
6 Months & Under 1 year	56.40	3.76
1 Year & under 3 years	140.87	9.39
3 Years & under 10 years	444.51	29.64
10 Years & Over	6.73	.45
Female Total	776.70	51.80
Under 6 Month	70.96	4.73
6 Months & Under 1 year	63.04	4.20
1 Year & under 3 years	148.33	9.89
3 Years & under 10 years	481.56	32.12
10 Years & over	12.80	.85
Total Animal	1,499.45	100.00

Table 28.2.4 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	127.87	23.08	45.48	25.21
Under 6 Month	69.75	12.59	24.95	13.83
6 Months & Under 1 year	25.38	4.58	10.31	5.71
1 Year & under 2 years	13.30	2.40	5.22	2.89
2 Years & over	19.44	3.51	5.00	2.77
Female Total	426.08	76.92	134.92	74.79
Under 6 Month	70.06	12.65	27.73	15.37
6 Months & Under 1 year	35.97	6.49	13.28	7.36
1 Year & under 2 years	46.74	8.44	12.11	6.71
2 Years & over	273.30	49.34	81.80	45.34
Total Animal	553.95	100.00	180.41	100.00

Table 28.3.4 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	18.21	28.99	15.91	50.88
Under 3 Years	5.94	9.46	5.10	16.31
3 Years and Over	12.27	19.53	10.81	34.57
Female Total	44.60	71.00	15.37	49.15
Under 3 Years	8.15	12.97	3.79	12.12
3 Years and Over	36.45	58.02	11.57	37.00
Total Animal	62.82	100.00	31.27	100.00

JIMMA ZONE

Table 28.4.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	444.51	100.00
For Draught	441.77	99.38
For Beef	**	**
For Others	**	**
Female cattle	481.56	100.00
For Milk	467.22	97.02
For Draught	**	**
For Beef	-	-
For Others	12.80	2.66

Table 28.5.4 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	19.44	100.00
	For Mutton/Meat	9.05	46.55
	For wool	-	-
	For Breeding	9.80	50.41
	For Other purposes	**	**
	Female Total	273.30	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	271.80	99.45
	For Other purposes	-	-
GOATS	Male Total	5.00	100.00
	For Meat	**	**
	For Breeding	3.49	69.80
	For Other purposes	-	-
	Female Total	81.80	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	80.68	98.63
	For Other purposes	**	**

Table 28.6.4 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	118.63	9.68
Cockerels	82.45	6.72
Pullets	122.12	9.96
Laying hens	274.59	22.40
Non-Lying hens	103.25	8.42
Chicks	525.01	42.82
Total Poultry	1,226.04	100.00

WEST SHEWA ZONE

Table 28.1.5 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	953.49	49.89
Under 6 Month	71.17	3.72
6 Months & Under 1 year	65.02	3.40
1 Year & under 3 years	173.34	9.07
3 Years & under 10 years	606.08	31.71
10 Years & Over	37.88	1.98
Female Total	957.64	50.11
Under 6 Month	73.24	3.83
6 Months & Under 1 year	75.08	3.93
1 Year & under 3 years	178.91	9.36
3 Years & under 10 years	616.52	32.26
10 Years & over	13.89	.73
Total Animal	1,911.13	100.00

Table 28.2.5 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	143.43	25.30	66.19	35.40
Under 6 Month	71.01	12.53	23.91	12.79
6 Months & Under 1 year	22.84	4.03	12.86	6.88
1 Year & under 2 years	15.12	2.67	11.97	6.40
2 Years & over	34.45	6.08	17.45	9.33
Female Total	423.51	74.70	120.76	64.59
Under 6 Month	75.22	13.27	18.32	9.80
6 Months & Under 1 year	28.97	5.11	13.51	7.23
1 Year & under 2 years	38.07	6.72	17.74	9.49
2 Years & over	281.25	49.61	71.19	38.08
Total Animal	566.93	100.00	186.96	100.00

Table 28.3.5 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	80.05	56.77	81.31	46.79
Under 3 Years	13.52	9.59	21.04	12.11
3 Years and Over	66.52	47.18	60.27	34.69
Female Total	60.96	43.23	92.45	53.21
Under 3 Years	12.72	9.02	22.05	12.69
3 Years and Over	48.24	34.21	70.40	40.52
Total Animal	141.00	100.00	173.76	100.00

WEST SHEWA ZONE

Table 28.4.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	606.08	100.00
For Draught	561.83	92.70
For Beef	5.83	.96
For Others	38.42	6.34
Female cattle	616.52	100.00
For Milk	555.25	90.06
For Draught	7.28	1.18
For Beef	**	**
For Others	52.55	8.52

Table 28.5.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	34.45	100.00
	For Mutton/Meat	17.80	51.67
	For wool	-	-
	For Breeding	9.51	27.61
	For Other purposes	**	**
	Female Total	280.57	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	272.87	97.26
	For Other purposes	**	**
	Male Total	17.45	100.00
	For Meat	7.92	45.39
	For Breeding	7.38	42.29
	For Other purposes	**	**
	Female Total	71.19	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	69.79	98.03
	For Other purposes	**	**

Table 28.6.5 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	100.95	9.48
Cockerels	59.58	5.59
Pullets	88.84	8.34
Laying hens	258.26	24.24
Non-Lying hens	68.84	6.46
Chicks	488.76	45.88
Total Poultry	1,065.22	100.00

NORTH SHEWA ZONE

Table 28.1.6 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	510.67	50.17
Under 6 Month	35.84	3.52
6 Months & Under 1 year	37.97	3.73
1 Year & under 3 years	84.55	8.31
3 Years & under 10 years	325.53	31.98
10 Years & Over	26.78	2.63
Female Total	507.11	49.83
Under 6 Month	39.71	3.90
6 Months & Under 1 year	42.76	4.20
1 Year & under 3 years	94.91	9.33
3 Years & under 10 years	313.83	30.83
10 Years & over	15.90	1.56
Total Animal	1,017.78	100.00

Table 28.2.6 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	162.32	21.94	32.26	35.80
Under 6 Month	98.27	13.28	10.24	11.36
6 Months & Under 1 year	23.61	3.19	5.54	6.15
1 Year & under 2 years	10.74	1.45	2.94	3.26
2 Years & over	29.70	4.01	13.54	15.03
Female Total	577.67	78.06	57.85	64.20
Under 6 Month	110.08	14.88	11.33	12.57
6 Months & Under 1 year	40.29	5.44	3.59	3.98
1 Year & under 2 years	27.30	3.69	3.77	4.18
2 Years & over	400.01	54.06	39.16	43.46
Total Animal	740.00	100.00	90.11	100.00

Table 28.3.6 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	23.80	40.68	53.16	41.55
Under 3 Years	6.65	11.37	14.41	11.26
3 Years and Over	17.15	29.32	38.76	30.30
Female Total	34.70	59.32	74.77	58.45
Under 3 Years	7.96	13.61	17.59	13.75
3 Years and Over	26.75	45.73	57.18	44.70
Total Animal	58.50	100.00	127.93	100.00

NORTH SHEWA ZONE

Table 28.4.6 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	325.53	100.00
For Draught	301.11	92.50
For Beef	8.42	2.59
For Others	16.00	4.92
Female cattle	313.83	100.00
For Milk	290.80	92.66
For Draught	**	**
For Beef	.92	.29
For Others	17.75	5.66

Table 28.5.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	29.70	100.00
	For Mutton/Meat	16.46	55.42
	For wool	-	-
	For Breeding	13.06	43.97
	For Other purposes	**	**
	Female Total	400.01	100.00
	For Mutton/Meat	1.99	.50
	For Wool	**	**
	For Breeding	396.54	99.13
	For Other purposes	**	**
GOATS	Male Total	13.54	100.00
	For Meat	8.29	61.23
	For Breeding	4.87	35.97
	For Other purposes	**	**
	Female Total	39.16	100.00
	For Meat	1.35	3.45
	For Milk	-	-
	For Breeding	37.60	96.02
	For Other purposes	**	**

Table 28.6.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	48.06	10.44
Cockerels	22.95	4.98
Pullets	35.90	7.79
Laying hens	148.13	32.16
Non-Lying hens	46.75	10.15
Chicks	158.78	34.47
Total Poultry	460.58	100.00

EAST SHEWA ZONE

Table 28.1.7 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	509.81	50.02
Under 6 Month	35.23	3.46
6 Months & Under 1 year	35.49	3.48
1 Year & under 3 years	75.02	7.36
3 Years & under 10 years	353.71	34.70
10 Years & Over	10.36	1.02
Female Total	509.46	49.98
Under 6 Month	63.52	6.23
6 Months & Under 1 year	41.81	4.10
1 Year & under 3 years	78.37	7.69
3 Years & under 10 years	319.02	31.30
10 Years & over	6.73	.66
Total Animal	1,019.26	100.00

Table 28.2.7 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	71.59	32.47	109.85	30.44
Under 6 Month	20.78	9.42	36.65	10.16
6 Months & Under 1 year	11.61	5.27	16.56	4.59
1 Year & under 2 years	9.31	4.22	21.26	5.89
2 Years & over	29.89	13.56	35.37	9.80
Female Total	148.89	67.53	251.05	69.56
Under 6 Month	18.10	8.21	44.78	12.41
6 Months & Under 1 year	14.57	6.61	23.28	6.45
1 Year & under 2 years	16.48	7.47	34.38	9.53
2 Years & over	99.74	45.24	148.61	41.18
Total Animal	220.48	100.00	360.90	100.00

Table 28.3.7 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	9.61	80.89	109.49	53.52
Under 3 Years	**	**	22.11	10.81
3 Years and Over	8.38	70.54	87.38	42.72
Female Total	**	**	95.07	46.48
Under 3 Years	**	**	21.66	10.59
3 Years and Over	**	**	73.41	35.89
Total Animal	11.88	100.00	204.56	100.00

EAST SHEWA ZONE

Table 28.4.7 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	Number	%
Male Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Female Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Total Animal	.44	100.00

Table 28.5.7 CATTLE Population aged over three years and under ten
years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	353.71	100.00
For Draught	333.57	94.31
For Beef	14.85	4.20
For Others	5.29	1.50
Female cattle	319.02	100.00
For Milk	286.92	89.94
For Draught	5.93	1.86
For Beef	3.56	1.12
For Others	22.61	7.09

Table 28.6.7 SHEEP and GOATS Population aged two years and over
by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	29.89	100.00
	For Mutton/Meat	17.09	57.18
	For wool	-	-
	For Breeding	12.64	42.29
	For Other purposes	**	**
	Female Total	99.74	100.00
	For Mutton/Meat	4.06	4.07
	For Wool	-	-
GOATS	For Breeding	95.52	95.77
	For Other purposes	**	**
	Male Total	35.37	100.00
	For Meat	15.22	43.03
	For Breeding	20.14	56.94
	For Other purposes	-	-
	Female Total	148.61	100.00
	For Meat	**	**
	For Milk	7.09	4.77
	For Breeding	139.75	94.04
	For Other purposes	-	-

EAST SHEWA ZONE

Table 28.7.7. Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	108.45	10.69
Cockerels	86.69	8.54
Pullets	126.96	12.51
Laying hens	252.84	24.92
Non-Lying hens	87.47	8.62
Chicks	352.35	34.72
Total Poultry	1,014.76	100.00

ARSI ZONE

Table 28.1.8 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	1,139.79	45.42
Under 6 Month	94.90	3.78
6 Months & Under 1 year	75.36	3.00
1 Year & under 3 years	214.50	8.55
3 Years & under 10 years	719.75	28.68
10 Years & Over	35.28	1.41
Female Total	1,369.45	54.58
Under 6 Month	121.20	4.83
6 Months & Under 1 year	82.71	3.30
1 Year & under 3 years	231.73	9.24
3 Years & under 10 years	904.71	36.06
10 Years & over	29.10	1.16
Total Animal	2,509.24	100.00

Table 28.2.8 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	327.96	25.39	115.20	30.20
Under 6 Month	200.75	15.54	54.65	14.33
6 Months & Under 1 year	58.62	4.54	18.76	4.92
1 Year & under 2 years	34.17	2.64	15.40	4.04
2 Years & over	34.43	2.67	26.38	6.92
Female Total	963.91	74.61	266.29	69.80
Under 6 Month	229.24	17.74	46.67	12.23
6 Months & Under 1 year	73.53	5.69	28.85	7.56
1 Year & under 2 years	100.96	7.81	36.00	9.44
2 Years & over	560.18	43.36	154.77	40.57
Total Animal	1,291.88	100.00	381.48	100.00

Table 28.3.8 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	128.03	49.61	94.30	47.41
Under 3 Years	30.44	11.79	23.45	11.79
3 Years and Over	97.60	37.82	70.85	35.62
Female Total	130.06	50.39	104.60	52.59
Under 3 Years	33.98	13.17	24.23	12.18
3 Years and Over	96.08	37.23	80.37	40.41
Total Animal	258.09	100.00	198.90	100.00

ARSI ZONE

Table 28.4.8 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	-	-
Female Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Total Animal	1.47	100.00

Table 28.5.8 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	719.75	100.00
For Draught	656.01	91.14
For Beef	6.78	.94
For Others	56.97	7.92
Female cattle	904.71	100.00
For Milk	805.06	88.99
For Draught	6.40	.71
For Beef	**	**
For Others	91.50	10.11

Table 28.6.8 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	34.43	100.00
	For Mutton/Meat	24.48	71.10
	For wool	-	-
	For Breeding	7.91	22.97
	For Other purposes	**	**
	Female Total	560.18	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	558.26	99.66
	For Other purposes	**	**
	Male Total	26.38	100.00
	For Meat	15.21	57.66
	For Breeding	10.91	41.36
	For Other purposes	**	**
	Female Total	154.77	100.00
	For Meat	**	**
	For Milk	31.96	20.65
	For Breeding	121.43	78.46
	For Other purposes	**	**

ARSI ZONE

Table 28.7.8 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	152.49	10.24
Cockerels	93.36	6.27
Pullets	156.72	10.52
Laying hens	427.36	28.70
Non-Lying hens	59.47	3.99
Chicks	599.87	40.28
Total Poultry	1,489.27	100.00

WEST HARERGE ZONE

Table 28.1.9 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	348.92	45.06
Under 6 Month	48.25	6.23
6 Months & Under 1 year	28.88	3.73
1 Year & under 3 years	54.92	7.09
3 Years & under 10 years	212.25	27.41
10 Years & Over	**	**
Female Total	425.43	54.94
Under 6 Month	49.05	6.33
6 Months & Under 1 year	36.79	4.75
1 Year & under 3 years	71.21	9.20
3 Years & under 10 years	261.17	33.73
10 Years & over	7.22	.93
Total Animal	774.35	100.00

Table 28.2.9 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	27.90	27.02	77.35	26.66
Under 6 Month	11.34	10.98	41.71	14.38
6 Months & Under 1 year	6.19	5.99	12.47	4.30
1 Year & under 2 years	3.93	3.81	9.93	3.42
2 Years & over	6.44	6.24	13.24	4.56
Female Total	75.37	72.98	212.75	73.34
Under 6 Month	15.33	14.84	37.00	12.75
6 Months & Under 1 year	6.05	5.86	22.36	7.71
1 Year & under 2 years	9.37	9.07	18.73	6.46
2 Years & over	44.62	43.21	134.66	46.42
Total Animal	103.27	100.00	290.10	100.00

Table 28.3.9 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	47.22	50.76
Under 3 Years	**	**	11.58	12.45
3 Years and Over	**	**	35.64	38.31
Female Total	**	**	45.81	49.24
Under 3 Years	-	-	10.37	11.15
3 Years and Over	**	**	35.44	38.10
Total Animal	**	**	93.03	100.00

WEST HARERGE ZONE

Table 28.4.9 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Total Animal	5.11	100.00

Table 28.5.9 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	212.25	100.00
For Draught	203.38	95.82
For Beef	5.02	2.37
For Others	3.86	1.82
Female cattle	261.17	100.00
For Milk	247.96	94.94
For Draught	**	**
For Beef	1.46	.56
For Others	11.09	4.25

Table 28.6.9 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	6.44	100.00
	For Mutton/Meat	3.98	61.80
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	44.62	100.00
	For Mutton/Meat	-	-
	For Wool	**	**
GOATS	For Breeding	44.26	99.19
	For Other purposes	-	-
	Male Total	13.24	100.00
	For Meat	7.93	59.89
	For Breeding	4.30	32.48
	For Other purposes	**	**
	Female Total	134.66	100.00
	For Meat	**	**
	For Milk	9.65	7.17
	For Breeding	124.15	92.20
	For Other purposes	**	**

WEST HARERGE ZONE

Table 28.7.9 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	65.19	8.12
Cockerels	56.38	7.02
Pullets	85.32	10.62
Laying hens	150.11	18.69
Non-Lying hens	90.60	11.28
Chicks	355.43	44.26
Total Poultry	803.02	100.00

EAST HARERGE ZONE

Table 28.1.10 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	396.87	40.60
Under 6 Month	51.64	5.28
6 Months & Under 1 year	46.05	4.71
1 Year & under 3 years	95.42	9.76
3 Years & under 10 years	202.79	20.74
10 Years & Over	**	**
Female Total	580.72	59.40
Under 6 Month	54.52	5.58
6 Months & Under 1 year	55.73	5.70
1 Year & under 3 years	97.78	10.00
3 Years & under 10 years	356.52	36.47
10 Years & over	16.18	1.66
Total Animal	977.59	100.00

Table 28.2.10 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	40.52	27.49	140.35	31.82
Under 6 Month	14.05	9.53	43.96	9.97
6 Months & Under 1 year	5.97	4.05	31.49	7.14
1 Year & under 2 years	9.04	6.13	25.11	5.69
2 Years & over	11.45	7.77	**	**
Female Total	106.86	72.51	300.73	68.18
Under 6 Month	17.36	11.78	49.08	11.13
6 Months & Under 1 year	11.34	7.69	28.28	6.41
1 Year & under 2 years	16.15	10.96	40.74	9.24
2 Years & over	62.01	42.07	182.63	41.41
Total Animal	147.38	100.00	441.08	100.00

Table 28.3.10 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	72.46	60.98
Under 3 Years	-	-	15.88	13.36
3 Years and Over	-	-	56.59	47.62
Female Total	**	**	46.36	39.01
Under 3 Years	**	**	8.68	7.30
3 Years and Over	**	**	37.68	31.71
Total Animal	**	**	118.83	100.00

EAST HARERGE ZONE

Table 28.4.10 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	-	-
Under 4 Years	-	-
4 Years & Over	-	-
Female Total	**	**
Under 4 Years	-	-
4 Years & Over	**	**
Total Animal	.32	100.00

Table 28.5.10 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	202.79	100.00
For Draught	181.75	89.62
For Beef	17.40	8.58
For Others	3.64	1.79
Female cattle	356.52	100.00
For Milk	341.85	95.89
For Draught	2.45	.69
For Beef	1.33	.37
For Others	10.89	3.05

Table 28.6.10 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	11.45	100.00
	For Mutton/Meat	7.03	61.40
	For wool	-	-
	For Breeding	4.42	38.60
	For Other purposes	-	-
	Female Total	62.01	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	61.44	99.08
	For Other purposes	-	-
	Male Total	39.78	100.00
	For Meat	**	**
	For Breeding	11.60	29.16
	For Other purposes	**	**
	Female Total	182.63	100.00
	For Meat	**	**
	For Milk	13.44	7.36
	For Breeding	162.72	89.10
	For Other purposes	-	-

EAST HARERGE ZONE

Table 28.7.10 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	115.42	11.88
Cockerels	87.70	9.03
Pullets	104.02	10.70
Laying hens	269.69	27.75
Non-Lying hens	75.36	7.75
Chicks	319.57	32.89
Total Poultry	971.77	100.00

BALE ZONE

Table 28.1.11 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	627.22	43.57
Under 6 Month	68.00	4.72
6 Months & Under 1 year	63.80	4.43
1 Year & under 3 years	118.08	8.20
3 Years & under 10 years	368.54	25.60
10 Years & Over	8.79	.61
Female Total	812.48	56.43
Under 6 Month	67.41	4.68
6 Months & Under 1 year	77.65	5.39
1 Year & under 3 years	141.52	9.83
3 Years & under 10 years	502.94	34.93
10 Years & over	22.95	1.59
Total Animal	1,439.70	100.00

Table 28.2.11 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	71.09	25.44	66.02	29.46
Under 6 Month	40.93	14.65	30.19	13.47
6 Months & Under 1 year	14.05	5.03	10.09	4.50
1 Year & under 2 years	9.19	3.29	13.54	6.04
2 Years & over	6.92	2.48	12.19	5.44
Female Total	208.34	74.56	158.07	70.54
Under 6 Month	39.84	14.26	28.20	12.58
6 Months & Under 1 year	20.32	7.27	15.56	6.94
1 Year & under 2 years	21.15	7.57	23.35	10.42
2 Years & over	127.02	45.46	90.96	40.59
Total Animal	279.42	100.00	224.09	100.00

Table 28.3.11 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	50.22	55.86	68.70	49.13
Under 3 Years	9.96	11.08	13.57	9.70
3 Years and Over	40.26	44.78	55.12	39.42
Female Total	39.69	44.14	71.13	50.87
Under 3 Years	8.10	9.01	15.56	11.13
3 Years and Over	31.59	35.14	55.57	39.74
Total Animal	89.91	100.00	139.83	100.00

BALE ZONE

Table 28.4.11 Number and percentage distribution of CAMELS
by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Total Animal	13.40	100.00

Table 28.5.11 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	368.54	100.00
For Draught	341.03	92.54
For Beef	15.67	4.25
For Others	11.84	3.21
Female cattle	502.94	100.00
For Milk	470.98	93.65
For Draught	**	**
For Beef	8.12	1.61
For Others	19.83	3.94

Table 28.6.11 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	6.92	100.00
	For Mutton/Meat	4.38	63.29
	For wool	-	-
	For Breeding	.99	14.31
	For Other purposes	1.55	22.40
	Female Total	127.02	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	125.80	99.04
	For Other purposes	**	**
	Male Total	12.19	100.00
	For Meat	8.66	71.04
	For Breeding	2.27	18.62
	For Other purposes	**	**
	Female Total	90.96	100.00
	For Meat	**	**
	For Milk	28.00	30.78
	For Breeding	61.64	67.77
	For Other purposes	**	**

BALE ZONE

Table 28.7.11 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	52.39	11.55
Cockerels	47.45	10.46
Pullets	66.40	14.64
Laying hens	140.30	30.92
Non-Lying hens	22.89	5.04
Chicks	124.25	27.39
Total Poultry	453.69	100.00

BORENA ZONE

Table 28.1.12 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	468.03	32.99
Under 6 Month	75.00	5.29
6 Months & Under 1 year	75.14	5.30
1 Year & under 3 years	92.91	6.55
3 Years & under 10 years	215.80	15.21
10 Years & Over	9.18	.65
Female Total	950.87	67.01
Under 6 Month	111.16	7.83
6 Months & Under 1 year	91.37	6.44
1 Year & under 3 years	153.93	10.85
3 Years & under 10 years	570.66	40.22
10 Years & over	23.74	1.67
Total Animal	1,418.90	100.00

Table 28.2.12 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	105.87	30.25	177.07	34.94
Under 6 Month	29.81	8.52	49.20	9.71
6 Months & Under 1 year	21.57	6.16	29.31	5.78
1 Year & under 2 years	17.67	5.05	34.05	6.72
2 Years & over	36.81	10.52	64.51	12.73
Female Total	244.10	69.75	329.72	65.06
Under 6 Month	34.07	9.74	47.73	9.42
6 Months & Under 1 year	35.36	10.10	30.13	5.95
1 Year & under 2 years	33.48	9.57	52.16	10.29
2 Years & over	141.18	40.34	199.70	39.40
Total Animal	349.97	100.00	506.79	100.00

Table 28.3.12 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	44.69	48.24	30.75	48.03
Under 3 Years	8.18	8.83	7.02	10.97
3 Years and Over	36.51	39.41	23.72	37.05
Female Total	47.96	51.76	33.27	51.97
Under 3 Years	**	**	5.29	8.26
3 Years and Over	41.09	44.35	27.98	43.71
Total Animal	92.65	100.00	64.02	100.00

BORENA ZONE

Table 28.4.12 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	18.74	37.61
Under 4 Years	10.10	20.26
4 Years & Over	8.65	17.35
Female Total	31.09	62.39
Under 4 Years	**	**
4 Years & Over	21.88	43.91
Total Animal	49.84	100.00

Table 28.5.12 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	215.80	100.00
For Draught	125.08	57.96
For Beef	49.25	22.82
For Others	41.46	19.21
Female cattle	570.66	100.00
For Milk	471.94	82.70
For Draught	**	**
For Beef	**	**
For Others	76.13	13.34

Table 28.6.12 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	36.81	100.00
	For Mutton/Meat	12.43	33.77
	For wool	-	-
	For Breeding	23.21	63.05
	For Other purposes	**	**
	Female Total	141.18	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	137.22	97.20
	For Other purposes	**	**
	Male Total	64.51	100.00
	For Meat	30.94	47.96
	For Breeding	33.32	51.65
	For Other purposes	**	**
	Female Total	199.70	100.00
	For Meat	**	**
	For Milk	65.74	32.92
	For Breeding	126.44	63.31
	For Other purposes	-	-

BORENA ZONE

Table 28.7.12 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	154.65	13.09
Cockerels	125.38	10.61
Pullets	180.49	15.27
Laying hens	323.34	27.36
Non-Lying hens	28.50	2.41
Chicks	369.36	31.26
Total Poultry	1,181.71	100.00

SOMALE

Table 29.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	168.21	34.27
Under 6 Month	21.15	4.31
6 Months & Under 1 year	22.28	4.54
1 Year & under 3 years	33.49	6.82
3 Years & under 10 years	89.14	18.16
10 Years & Over	2.15	.44
Female Total	322.67	65.73
Under 6 Month	30.21	6.15
6 Months & Under 1 year	29.75	6.06
1 Year & under 3 years	49.15	10.01
3 Years & under 10 years	206.59	42.09
10 Years & over	6.95	1.42
Total Animal	490.88	100.00

Table 29.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	76.05	28.07	116.54	29.29
Under 6 Month	18.91	6.98	32.43	8.15
6 Months & Under 1 year	12.14	4.48	18.95	4.76
1 Year & under 2 years	12.88	4.75	20.17	5.07
2 Years & over	32.12	11.85	44.98	11.31
Female Total	194.91	71.93	281.34	70.71
Under 6 Month	26.82	9.90	42.30	10.63
6 Months & Under 1 year	21.63	7.98	34.86	8.76
1 Year & under 2 years	29.37	10.84	43.86	11.02
2 Years & over	117.10	43.22	160.31	40.29
Total Animal	270.96	100.00	397.87	100.00

Table 29.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	26.61	55.89
Under 3 Years	-	-	6.41	13.46
3 Years and Over	-	-	20.19	42.41
Female Total	-	-	21.00	44.11
Under 3 Years	-	-	3.95	8.30
3 Years and Over	-	-	17.05	35.81
Total Animal	-	-	47.61	100.00

SOMALE

Table 29.4 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	53.26	34.05
Under 4 Years	16.61	10.62
4 Years & Over	36.64	23.43
Female Total	103.15	65.95
Under 4 Years	24.28	15.52
4 Years & Over	78.88	50.43
Total Animal	156.41	100.00

Table 29.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	89.14	100.00
For Draught	67.85	76.12
For Beef	10.78	12.09
For Others	10.52	11.80
Female cattle	206.59	100.00
For Milk	191.60	92.74
For Draught	**	**
For Beef	2.22	1.07
For Others	11.98	5.80

Table 29.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	32.12	100.00
	For Mutton/Meat	6.62	20.61
	For wool	**	**
	For Breeding	23.70	73.79
	For Other purposes	**	**
	Female Total	117.10	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
GOATS	For Breeding	114.26	97.57
	For Other purposes	**	**
	Male Total	44.98	100.00
	For Meat	6.68	14.85
	For Breeding	35.49	78.90
	For Other purposes	**	**
	Female Total	160.31	100.00
	For Meat	4.07	2.54
	For Milk	63.78	39.79
	For Breeding	91.90	57.33
	For Other purposes	**	**

SOMALE

Table 29.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	19.35	13.74
Cockerels	11.37	8.07
Pullets	19.30	13.70
Laying hens	47.07	33.41
Non-Lying hens	7.12	5.06
Chicks	36.66	26.02
Total Poultry	140.87	100.00

SHINELE ZONE

Table 29.1.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	6.75	29.25
Under 6 Month	1.16	5.03
6 Months & Under 1 year	1.40	6.07
1 Year & under 3 years	2.03	8.80
3 Years & under 10 years	2.00	8.67
10 Years & Over	**	**
Female Total	16.33	70.75
Under 6 Month	2.16	9.36
6 Months & Under 1 year	1.95	8.45
1 Year & under 3 years	2.96	12.82
3 Years & under 10 years	8.77	38.00
10 Years & over	**	**
Total Animal	23.08	100.00

Table 29.2.1 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	18.82	29.94	26.99	29.57
Under 6 Month	6.57	10.45	8.33	9.13
6 Months & Under 1 year	3.61	5.74	5.38	5.89
1 Year & under 2 years	**	**	5.47	5.99
2 Years & over	5.08	8.08	7.81	8.56
Female Total	44.03	70.06	64.29	70.44
Under 6 Month	7.50	11.93	10.53	11.54
6 Months & Under 1 year	**	**	9.75	10.68
1 Year & under 2 years	**	**	10.35	11.34
2 Years & over	19.34	30.77	33.66	36.88
Total Animal	62.85	100.00	91.27	100.00

Table 29.3.1 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	2.61	51.38
Under 3 Years	-	-	.79	15.55
3 Years and Over	-	-	1.81	35.63
Female Total	-	-	2.47	48.62
Under 3 Years	-	-	.50	9.84
3 Years and Over	-	-	1.97	38.78
Total Animal	-	-	5.08	100.00

SHINELE ZONE

Table 29.4.1 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	CAMELS	
	Number	%
Male Total	4.31	43.09
Under 4 Years	1.56	15.56
4 Years & Over	2.75	27.53
Female Total	5.69	56.91
Under 4 Years	1.28	12.83
4 Years & Over	4.41	44.08
Total Animal	10.00	100.00

Table 29.5.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number		%
	Number		%
Male Cattle	2.00		100.00
For Draught	.70		35.00
For Beef	**		**
For Others	.08		4.00
Female cattle	8.77		100.00
For Milk	8.29		94.53
For Draught	**		**
For Beef	**		**
For Others	.18		2.05

Table 29.6.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number		%
		Number		%
SHEEP	Male Total	5.08		100.00
	For Mutton/Meat	1.77		34.84
	For wool	**		**
	For Breeding	3.13		61.61
	For Other purposes	**		**
	Female Total	19.34		100.00
	For Mutton/Meat	**		**
	For Wool	**		**
	For Breeding	17.89		92.50
	For Other purposes	**		**
GOATS	Male Total	7.81		100.00
	For Meat	3.11		39.82
	For Breeding	4.65		59.54
	For Other purposes	**		**
	Female Total	33.66		100.00
	For Meat	**		**
	For Milk	9.85		29.26
	For Breeding	22.44		66.67
	For Other purposes	**		**

SHINELE ZONE

Table 29.7.1 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	.55	11.64
Cockerels	.34	7.26
Pullets	.45	9.61
Laying hens	1.27	27.14
Non-Lying hens	.64	13.62
Chicks	1.44	30.73
Total Poultry	4.68	100.00

JIJIGA ZONE

Table 29.1.2 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	113.77	35.18
Under 6 Month	12.85	3.97
6 Months & Under 1 year	13.55	4.19
1 Year & under 3 years	24.25	7.50
3 Years & under 10 years	61.53	19.03
10 Years & Over	1.59	.49
Female Total	209.63	64.82
Under 6 Month	18.53	5.73
6 Months & Under 1 year	16.78	5.19
1 Year & under 3 years	32.82	10.15
3 Years & under 10 years	136.93	42.34
10 Years & over	4.56	1.41
Total Animal	323.40	100.00

Table 29.2.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	27.83	22.54	23.45	29.69
Under 6 Month	6.69	5.42	8.45	10.70
6 Months & Under 1 year	4.06	3.29	2.62	3.32
1 Year & under 2 years	5.23	4.24	4.50	5.70
2 Years & over	11.85	9.60	7.88	9.98
Female Total	95.63	77.46	55.53	70.31
Under 6 Month	11.17	9.05	7.14	9.04
6 Months & Under 1 year	6.48	5.25	4.70	5.95
1 Year & under 2 years	11.05	8.95	7.96	10.08
2 Years & over	66.93	54.21	35.73	45.24
Total Animal	123.46	100.00	78.98	100.00

Table 29.3.2 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	14.81	56.61
Under 3 Years	-	-	3.73	14.26
3 Years and Over	-	-	11.08	42.35
Female Total	-	-	11.35	43.39
Under 3 Years	-	-	1.99	7.61
3 Years and Over	-	-	9.36	35.78
Total Animal	-	-	26.16	100.00

JIJIGA ZONE

Table 29.4.2 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	15.27	61.15
Under 4 Years	2.70	10.81
4 Years & Over	12.57	50.34
Female Total	9.70	38.85
Under 4 Years	2.60	10.42
4 Years & Over	7.10	28.43
Total Animal	24.97	100.00

Table 29.5.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	61.53	100.00
For Draught	56.36	91.60
For Beef	5.04	8.19
For Others	**	**
Female cattle	136.93	100.00
For Milk	133.19	97.27
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 29.6.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	11.85	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	8.19	69.11
	For Other purposes	-	-
	Female Total	66.93	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
GOATS	For Breeding	66.93	100.00
	For Other purposes	-	-
	Male Total	7.88	100.00
	For Meat	1.78	22.59
	For Breeding	6.10	77.41
	For Other purposes	-	-
	Female Total	35.73	100.00
	For Meat	-	-
	For Milk	5.42	15.17
	For Breeding	30.31	84.83
	For Other purposes	-	-

JIJIGA ZONE

Table 29.7.2 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	8.00	16.27
Cockerels	2.39	4.86
Pullets	5.36	10.90
Laying hens	19.02	38.71
Non-Lying hens	2.95	6.00
Chicks	11.43	23.26
Total Poultry	49.14	100.00

MOYALE ZONE

Table 29.1.3 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	47.68	33.02
Under 6 Month	7.14	4.94
6 Months & Under 1 year	7.33	5.08
1 Year & under 3 years	7.21	4.99
3 Years & under 10 years	25.61	17.74
10 Years & Over	**	**
Female Total	96.71	66.98
Under 6 Month	9.52	6.59
6 Months & Under 1 year	11.02	7.63
1 Year & under 3 years	13.37	9.26
3 Years & under 10 years	60.89	42.17
10 Years & over	1.89	1.31
Total Animal	144.39	100.00

Table 29.2.3 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	29.39	34.72	66.10	29.04
Under 6 Month	5.65	6.67	15.65	6.88
6 Months & Under 1 year	4.47	5.28	10.96	4.82
1 Year & under 2 years	4.07	4.81	10.21	4.49
2 Years & over	15.20	17.96	29.29	12.87
Female Total	55.26	65.28	161.52	70.96
Under 6 Month	8.16	9.64	24.62	10.82
6 Months & Under 1 year	6.91	8.16	20.42	8.97
1 Year & under 2 years	9.36	11.06	25.56	11.23
2 Years & over	30.83	36.42	90.92	39.94
Total Animal	84.65	100.00	227.62	100.00

Table 29.3.3 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	9.18	56.08
Under 3 Years	-	-	1.89	11.55
3 Years and Over	-	-	7.30	44.59
Female Total	-	-	7.18	43.86
Under 3 Years	-	-	1.47	8.98
3 Years and Over	-	-	5.72	34.94
Total Animal	-	-	16.37	100.00

MOYALE ZONE

Table 29.4.3 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	33.68	27.73
Under 4 Years	12.36	10.18
4 Years & Over	21.32	17.56
Female Total	87.76	72.27
Under 4 Years	20.39	16.79
4 Years & Over	67.37	55.48
Total Animal	121.44	100.00

Table 29.5.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	25.61	100.00
For Draught	10.78	42.09
For Beef	**	**
For Others	10.31	40.26
Female cattle	60.89	100.00
For Milk	50.13	82.33
For Draught	**	**
For Beef	**	**
For Others	9.14	15.01

Table 29.6.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	15.20	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	30.83	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	29.44	95.49
	For Other purposes	**	**
	Male Total	29.29	100.00
	For Meat	1.79	6.11
	For Breeding	24.74	84.47
	For Other purposes	**	**
	Female Total	90.92	100.00
	For Meat	**	**
	For Milk	48.52	53.37
	For Breeding	39.15	43.06
	For Other purposes	**	**

MOYALE ZONE

Table 29.7.3 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	10.81	12.42
Cockerels	8.65	9.94
Pullets	13.49	15.50
Laying hens	26.77	30.76
Non-Lying hens	3.54	4.06
Chicks	23.79	27.33
Total Poultry	87.04	100.00

BENSHANGUL-GUMUZ

Table 30.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	142.01	44.37
Under 6 Month	15.43	4.82
6 Months & Under 1 year	15.02	4.69
1 Year & under 3 years	30.78	9.62
3 Years & under 10 years	74.71	23.34
10 Years & Over	6.06	1.89
Female Total	178.03	55.63
Under 6 Month	17.19	5.37
6 Months & Under 1 year	14.31	4.47
1 Year & under 3 years	37.32	11.66
3 Years & under 10 years	102.83	32.13
10 Years & over	6.37	1.99
Total Animal	320.03	100.00

Table 30.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	22.97	28.20	56.08	31.66
Under 6 Month	10.76	13.21	19.77	11.16
6 Months & Under 1 year	4.12	5.06	12.26	6.92
1 Year & under 2 years	3.71	4.56	10.80	6.10
2 Years & over	4.39	5.39	13.25	7.48
Female Total	58.47	71.80	121.09	68.35
Under 6 Month	11.57	14.21	23.29	13.15
6 Months & Under 1 year	7.23	8.88	14.84	8.38
1 Year & under 2 years	9.09	11.16	22.56	12.73
2 Years & over	30.58	37.55	60.40	34.09
Total Animal	81.44	100.00	177.16	100.00

Table 30.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.33	34.74	18.36	70.34
Under 3 Years	**	**	3.22	12.34
3 Years and Over	**	**	15.14	58.01
Female Total	**	**	7.74	29.66
Under 3 Years	**	**	2.34	8.97
3 Years and Over	**	**	5.40	20.69
Total Animal	.95	100.00	26.10	100.00

BENSHANGUL-GUMUZ

Table 30.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	74.71	100.00
For Draught	71.37	95.53
For Beef	.82	1.10
For Others	2.52	3.37
Female cattle	102.83	100.00
For Milk	93.35	90.78
For Draught	2.29	2.23
For Beef	.55	.53
For Others	6.64	6.46

Table 30.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	4.39	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	30.58	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	29.47	96.37
	For Other purposes	**	**
GOATS	Male Total	13.25	100.00
	For Meat	5.53	41.74
	For Breeding	6.43	48.53
	For Other purposes	1.30	9.81
	Female Total	60.40	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	54.43	90.12
	For Other purposes	**	**

Table 30.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	71.46	8.06
Cockerels	80.08	9.03
Pullets	107.57	12.13
Laying hens	126.55	14.27
Non-Laying hens	73.99	8.34
Chicks	427.47	48.19
Total Poultry	887.12	100.00

METEKEL ZONE

Table 30.1.1 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	71.50	45.20
Under 6 Month	7.61	4.81
6 Months & Under 1 year	7.44	4.70
1 Year & under 3 years	15.82	10.00
3 Years & under 10 years	35.42	22.39
10 Years & Over	5.21	3.29
Female Total	86.68	54.80
Under 6 Month	7.61	4.81
6 Months & Under 1 year	6.81	4.31
1 Year & under 3 years	16.01	10.12
3 Years & under 10 years	50.26	31.77
10 Years & over	6.00	3.79
Total Animal	158.18	100.00

Table 30.2.1 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	9.52	25.41	18.29	29.83
Under 6 Month	5.57	14.87	7.62	12.43
6 Months & Under 1 year	1.43	3.82	3.17	5.17
1 Year & under 2 years	1.27	3.39	3.58	5.84
2 Years & over	1.24	3.31	3.93	6.41
Female Total	27.95	74.59	43.02	70.17
Under 6 Month	6.07	16.20	8.23	13.42
6 Months & Under 1 year	2.19	5.84	4.52	7.37
1 Year & under 2 years	4.19	11.18	6.74	10.99
2 Years & over	15.50	41.37	23.54	38.40
Total Animal	37.47	100.00	61.31	100.00

Table 30.3.1 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	10.74	84.43
Under 3 Years	**	**	1.69	13.29
3 Years and Over	**	**	9.05	71.15
Female Total	**	**	1.98	15.57
Under 3 Years	**	**	.49	3.85
3 Years and Over	**	**	1.49	11.71
Total Animal	**	**	12.72	100.00

METEKEL ZONE

Table 30.4.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	35.42	100.00
For Draught	33.80	95.43
For Beef	.23	.65
For Others	1.38	3.90
Female cattle	50.26	100.00
For Milk	46.17	91.86
For Draught	.71	1.41
For Beef	**	**
For Others	3.25	6.47

Table 30.5.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	1.24	100.00
	For Mutton/Meat	.54	43.55
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	15.50	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	15.40	99.35
	For Other purposes	**	**
GOATS	Male Total	3.93	100.00
	For Meat	1.80	45.80
	For Breeding	1.30	33.08
	For Other purposes	**	**
	Female Total	23.54	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	22.34	94.90
	For Other purposes	**	**

Table 30.6.1 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	23.50	6.42
Cockerels	32.09	8.77
Pullets	44.40	12.13
Laying hens	51.36	14.03
Non-Lying hens	23.94	6.54
Chicks	190.68	52.10
Total Poultry	365.97	100.00

ASOSA ZONE

Table 30.1.2 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	52.13	45.13
Under 6 Month	4.93	4.27
6 Months & Under 1 year	4.81	4.16
1 Year & under 3 years	11.95	10.35
3 Years & under 10 years	30.20	26.15
10 Years & Over	**	**
Female Total	63.37	54.87
Under 6 Month	5.48	4.74
6 Months & Under 1 year	6.47	5.60
1 Year & under 3 years	14.20	12.29
3 Years & under 10 years	36.96	32.00
10 Years & over	**	**
Total Animal	115.50	100.00

Table 30.2.2 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	**	**	22.02	32.99
Under 6 Month	2.17	9.43	4.44	6.65
6 Months & Under 1 year	1.54	6.70	**	**
1 Year & under 2 years	**	**	**	**
2 Years & over	**	**	**	**
Female Total	15.01	65.26	44.74	67.03
Under 6 Month	**	**	8.57	12.84
6 Months & Under 1 year	2.74	11.91	5.40	8.09
1 Year & under 2 years	2.66	11.57	**	**
2 Years & over	6.95	30.22	21.35	31.99
Total Animal	23.00	100.00	66.75	100.00

Table 30.3.2 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	5.87	51.54
Under 3 Years	-	-	1.35	11.85
3 Years and Over	-	-	4.53	39.77
Female Total	-	-	5.52	48.46
Under 3 Years	-	-	1.77	15.54
3 Years and Over	-	-	3.74	32.84
Total Animal	-	-	11.39	100.00

ASOSA ZONE

Table 30.4.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	30.20	100.00
For Draught	29.74	98.48
For Beef	**	**
For Others	**	**
Female cattle	36.96	100.00
For Milk	33.46	90.53
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 30.5.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	**	**
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	6.95	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	5.98	86.04
	For Other purposes	**	**
GOATS	Male Total	6.84	100.00
	For Meat	**	**
	For Breeding	**	**
	For Other purposes	-	-
	Female Total	21.35	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	16.75	78.45
	For Other purposes	-	-

Table 30.6.2 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	37.90	10.96
Cockerels	31.64	9.15
Pullets	44.35	12.83
Laying hens	61.86	17.90
Non-Laying hens	32.28	9.34
Chicks	137.64	39.82
Total Poultry	345.67	100.00

KEMESHI ZONE

Table 30.1.3 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	**	**
Under 6 Month	**	**
6 Months & Under 1 year	**	**
1 Year & under 3 years	**	**
3 Years & under 10 years	**	**
10 Years & Over	**	**
Female Total	**	**
Under 6 Month	**	**
6 Months & Under 1 year	**	**
1 Year & under 3 years	**	**
3 Years & under 10 years	**	**
10 Years & over	**	**
Total Animal	46.35	100.00

Table 30.2.3 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	**	**	15.77	32.12
Under 6 Month	**	**	7.71	15.70
6 Months & Under 1 year	**	**	**	**
1 Year & under 2 years	**	**	1.91	3.89
2 Years & over	.24	1.14	2.49	5.07
Female Total	**	**	33.33	67.88
Under 6 Month	2.85	13.59	6.49	13.22
6 Months & Under 1 year	**	**	4.93	10.04
1 Year & under 2 years	2.24	10.68	6.39	13.01
2 Years & over	**	**	15.52	31.61
Total Animal	20.97	100.00	49.10	100.00

Table 30.3.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	1.75	87.94
Under 3 Years	-	-	.19	9.55
3 Years and Over	-	-	**	**
Female Total	-	-	.24	12.06
Under 3 Years	-	-	.08	4.02
3 Years and Over	-	-	.17	8.54
Total Animal	-	-	1.99	100.00

KEMESHI ZONE

Table 30.4.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	9.09	100.00
For Draught	**	**
For Beef	.35	3.85
For Others	**	**
Female cattle	15.61	100.00
For Milk	**	**
For Draught	**	**
For Beef	.09	.58
For Others	**	**

Table 30.5.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	.24	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	.16	66.67
	For Other purposes	-	-
	Female Total	**	**
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	**	**
	For Other purposes	-	-
GOATS	Male Total	2.49	100.00
	For Meat	**	**
	For Breeding	.97	38.96
	For Other purposes	**	**
	Female Total	15.52	100.00
	For Meat	.17	1.10
	For Milk	-	-
	For Breeding	15.34	98.84
	For Other purposes	**	**

Table 30.6.3 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	10.07	5.74
Cockerels	16.35	9.32
Pullets	18.82	10.73
Laying hens	13.33	7.60
Non-Lying hens	**	**
Chicks	**	**
Total Poultry	175.49	100.00

Table 31.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	2,479.61	36.32
Under 6 Month	319.06	4.67
6 Months & Under 1 year	304.74	4.46
1 Year & under 3 years	465.88	6.82
3 Years & under 10 years	1,349.67	19.77
10 Years & Over	40.26	.59
Female Total	4,347.41	63.68
Under 6 Month	360.31	5.28
6 Months & Under 1 year	365.35	5.35
1 Year & under 3 years	774.93	11.35
3 Years & under 10 years	2,732.37	40.02
10 Years & over	114.45	1.68
Total Animal	6,827.02	100.00

Table 31.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	586.64	28.36	481.47	33.03
Under 6 Month	210.46	10.17	129.63	8.89
6 Months & Under 1 year	107.74	5.21	102.89	7.06
1 Year & under 2 years	98.67	4.77	97.47	6.69
2 Years & over	169.77	8.21	151.49	10.39
Female Total	1,482.13	71.64	976.37	66.97
Under 6 Month	238.56	11.53	148.70	10.20
6 Months & Under 1 year	139.42	6.74	110.13	7.55
1 Year & under 2 years	241.11	11.65	164.56	11.29
2 Years & over	863.04	41.72	552.98	37.93
Total Animal	2,068.76	100.00	1,457.84	100.00

Table 31.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	101.19	48.63	98.53	48.80
Under 3 Years	18.18	8.74	15.81	7.83
3 Years and Over	83.01	39.89	82.72	40.97
Female Total	106.89	51.37	103.37	51.20
Under 3 Years	19.07	9.16	21.69	10.74
3 Years and Over	87.82	42.20	81.68	40.45
Total Animal	208.08	100.00	201.91	100.00

Table 31.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	1,349.67	100.00
For Draught	1,196.65	88.66
For Beef	87.54	6.49
For Others	65.48	4.85
Female cattle	2,732.37	100.00
For Milk	2,439.22	89.27
For Draught	7.28	.27
For Beef	22.14	.81
For Others	263.72	9.65

Table 31.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	169.77	100.00
	For Mutton/Meat	93.13	54.86
	For wool	-	-
	For Breeding	70.98	41.81
	For Other purposes	5.65	3.33
	Female Total	863.04	100.00
	For Mutton/Meat	16.29	1.89
	For Wool	**	**
	For Breeding	840.47	97.38
	For Other purposes	5.84	.68
GOATS	Male Total	151.49	100.00
	For Meat	70.19	46.33
	For Breeding	78.20	51.62
	For Other purposes	3.09	2.04
	Female Total	552.98	100.00
	For Meat	9.48	1.71
	For Milk	74.08	13.40
	For Breeding	466.74	84.40
	For Other purposes	2.68	.48

Table 31.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	621.02	10.38
Cockerels	509.59	8.52
Pullets	800.85	13.39
Laying hens	1,371.91	22.94
Non-Lying hens	436.93	7.31
Chicks	2,240.56	37.46
Total Poultry	5,980.86	100.00

GURAGE ZONE

Table 31.1.1 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	415.64	34.38
Under 6 Month	59.85	4.95
6 Months & Under 1 year	50.84	4.20
1 Year & under 3 years	79.57	6.58
3 Years & under 10 years	217.86	18.02
10 Years & Over	7.52	.62
Female Total	793.42	65.62
Under 6 Month	51.50	4.26
6 Months & Under 1 year	51.13	4.23
1 Year & under 3 years	130.51	10.79
3 Years & under 10 years	528.25	43.69
10 Years & over	32.03	2.65
Total Animal	1,209.06	100.00

Table 31.2.1 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	99.03	27.28	40.42	27.99
Under 6 Month	38.53	10.61	10.49	7.27
6 Months & Under 1 year	19.87	5.47	9.52	6.59
1 Year & under 2 years	16.02	4.41	9.79	6.78
2 Years & over	24.60	6.78	10.63	7.36
Female Total	263.95	72.72	103.97	72.01
Under 6 Month	40.42	11.14	19.24	13.33
6 Months & Under 1 year	19.84	5.47	10.57	7.32
1 Year & under 2 years	38.37	10.57	14.53	10.06
2 Years & over	165.33	45.55	59.64	41.30
Total Animal	362.98	100.00	144.39	100.00

Table 31.3.1 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	21.65	39.41	24.10	45.61
Under 3 Years	5.11	9.30	**	**
3 Years and Over	16.54	30.11	22.27	42.15
Female Total	33.29	60.59	28.74	54.39
Under 3 Years	5.02	9.14	5.64	10.67
3 Years and Over	28.28	51.47	23.11	43.74
Total Animal	54.94	100.00	52.84	100.00

GURAGE ZONE

Table 31.4.1 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	217.86	100.00
For Draught	183.76	84.35
For Beef	25.07	11.51
For Others	9.03	4.14
Female cattle	528.25	100.00
For Milk	456.66	86.45
For Draught	**	**
For Beef	**	**
For Others	63.84	12.09

Table 31.5.1 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	24.60	100.00
	For Mutton/Meat	15.76	64.07
	For wool	-	-
	For Breeding	8.58	34.88
	For Other purposes	**	**
	Female Total	165.33	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	160.95	97.35
	For Other purposes	**	**
GOATS	Male Total	10.63	100.00
	For Meat	4.75	44.68
	For Breeding	5.59	52.59
	For Other purposes	**	**
	Female Total	59.64	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	54.88	92.02
	For Other purposes	-	-

Table 31.6.1 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	86.09	9.16
Cockerels	53.74	5.72
Pullets	95.82	10.20
Laying hens	219.77	23.39
Non-Lying hens	90.46	9.63
Chicks	393.89	41.91
Total Poultry	939.77	100.00

HADIYA ZONE

Table 31.1.2 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	262.82	40.19
Under 6 Month	20.16	3.08
6 Months & Under 1 year	27.18	4.16
1 Year & under 3 years	48.07	7.35
3 Years & under 10 years	159.73	24.42
10 Years & Over	**	**
Female Total	391.17	59.81
Under 6 Month	32.09	4.91
6 Months & Under 1 year	40.65	6.22
1 Year & under 3 years	76.36	11.68
3 Years & under 10 years	233.83	35.75
10 Years & over	8.23	1.26
Total Animal	653.99	100.00

Table 31.2.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	48.73	27.85	30.77	33.78
Under 6 Month	18.88	10.79	8.50	9.33
6 Months & Under 1 year	8.60	4.92	5.40	5.93
1 Year & under 2 years	9.17	5.24	7.92	8.69
2 Years & over	12.08	6.90	8.95	9.83
Female Total	126.25	72.16	60.33	66.23
Under 6 Month	16.89	9.65	7.52	8.26
6 Months & Under 1 year	13.68	7.82	5.64	6.19
1 Year & under 2 years	17.71	10.12	10.73	11.78
2 Years & over	77.97	44.56	36.44	40.00
Total Animal	174.97	100.00	91.09	100.00

Table 31.3.2 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	12.80	48.99	14.32	46.24
Under 3 Years	1.50	5.74	3.43	11.08
3 Years and Over	11.30	43.25	10.89	35.16
Female Total	13.33	51.01	16.65	53.76
Under 3 Years	1.32	5.05	3.38	10.91
3 Years and Over	12.01	45.96	13.27	42.85
Total Animal	26.13	100.00	30.97	100.00

HADIYA ZONE

Table 31.4.2 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	159.73	100.00
For Draught	151.77	95.02
For Beef	3.94	2.47
For Others	4.02	2.52
Female cattle	233.83	100.00
For Milk	217.00	92.80
For Draught	**	**
For Beef	2.69	1.15
For Others	13.52	5.78

Table 31.5.2 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	12.08	100.00
	For Mutton/Meat	6.25	51.74
	For wool	-	-
	For Breeding	3.99	33.03
	For Other purposes	**	**
	Female Total	77.97	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	77.52	99.42
	For Other purposes	-	-
GOATS	Male Total	8.95	100.00
	For Meat	**	**
	For Breeding	2.67	29.83
	For Other purposes	-	-
	Female Total	36.44	100.00
	For Meat	**	**
	For Milk	1.26	3.46
	For Breeding	34.57	94.87
	For Other purposes	**	**

Table 31.6.2 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	65.60	7.38
Cockerels	66.46	7.48
Pullets	118.56	13.34
Laying hens	137.51	15.47
Non-Lying hens	67.01	7.54
Chicks	433.61	48.79
Total Poultry	888.75	100.00

KEMBATA ALABA TEMBARO ZONE

Table 31.1.3 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	192.63	41.36
Under 6 Month	16.51	3.54
6 Months & Under 1 year	19.74	4.24
1 Year & under 3 years	27.95	6.00
3 Years & under 10 years	125.49	26.94
10 Years & Over	2.95	.63
Female Total	273.14	58.64
Under 6 Month	21.95	4.71
6 Months & Under 1 year	21.13	4.54
1 Year & under 3 years	44.11	9.47
3 Years & under 10 years	183.00	39.29
10 Years & over	2.95	.63
Total Animal	465.77	100.00

Table 31.2.3 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	37.82	32.21	20.07	25.78
Under 6 Month	9.73	8.29	5.38	6.91
6 Months & Under 1 year	7.12	6.06	4.70	6.04
1 Year & under 2 years	4.70	4.00	2.93	3.76
2 Years & over	16.27	13.86	7.06	9.07
Female Total	79.61	67.80	57.79	74.22
Under 6 Month	10.51	8.95	7.29	9.36
6 Months & Under 1 year	8.37	7.13	5.86	7.53
1 Year & under 2 years	10.23	8.71	6.40	8.22
2 Years & over	50.50	43.01	38.25	49.13
Total Animal	117.42	100.00	77.86	100.00

Table 31.3.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	4.87	48.03	13.57	36.70
Under 3 Years	.54	5.33	3.40	9.19
3 Years and Over	4.33	42.70	10.17	27.50
Female Total	5.27	51.97	23.41	63.30
Under 3 Years	.94	9.27	4.44	12.01
3 Years and Over	4.33	42.70	18.97	51.30
Total Animal	10.14	100.00	36.98	100.00

KEMBATA ALABA TEMBARO ZONE

Table 31.4.3 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	125.49	100.00
For Draught	121.78	97.04
For Beef	**	**
For Others	1.68	1.34
Female cattle	183.00	100.00
For Milk	172.14	94.07
For Draught	**	**
For Beef	**	**
For Others	9.98	5.45

Table 31.5.3 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	16.27	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	7.68	47.20
	For Other purposes	**	**
	Female Total	50.50	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	50.28	99.56
	For Other purposes	**	**
GOATS	Male Total	7.06	100.00
	For Meat	1.71	24.22
	For Breeding	5.35	75.78
	For Other purposes	-	-
	Female Total	38.25	100.00
	For Meat	**	**
	For Milk	5.19	13.57
	For Breeding	32.51	84.99
	For Other purposes	-	-

Table 31.6.3 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	34.73	7.67
Cockerels	25.10	5.54
Pullets	41.01	9.06
Laying hens	106.00	23.41
Non-Lying hens	30.19	6.67
Chicks	215.82	47.66
Total Poultry	452.84	100.00

SIDAMA ZONE

Table 31.1.4 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	304.03	23.21
Under 6 Month	74.50	5.69
6 Months & Under 1 year	60.04	4.58
1 Year & under 3 years	72.51	5.54
3 Years & under 10 years	93.81	7.16
10 Years & Over	3.17	.24
Female Total	1,005.68	76.79
Under 6 Month	84.93	6.48
6 Months & Under 1 year	81.00	6.18
1 Year & under 3 years	154.71	11.81
3 Years & under 10 years	647.47	49.44
10 Years & over	37.57	2.87
Total Animal	1,309.71	100.00

Table 31.2.4 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	48.33	19.16	38.75	27.44
Under 6 Month	27.12	10.75	13.15	9.31
6 Months & Under 1 year	8.00	3.17	8.13	5.76
1 Year & under 2 years	8.29	3.29	6.47	4.58
2 Years & over	4.92	1.95	11.00	7.79
Female Total	203.92	80.84	102.48	72.56
Under 6 Month	42.53	16.86	18.04	12.77
6 Months & Under 1 year	13.12	5.20	6.08	4.31
1 Year & under 2 years	20.03	7.94	12.52	8.86
2 Years & over	128.24	50.84	65.84	46.62
Total Animal	252.24	100.00	141.23	100.00

Table 31.3.4 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	15.77	46.93	18.19	42.34
Under 3 Years	2.46	7.32	5.24	12.20
3 Years and Over	13.32	39.64	12.95	30.14
Female Total	17.83	53.07	24.77	57.66
Under 3 Years	**	**	**	**
3 Years and Over	14.63	43.54	**	**
Total Animal	33.60	100.00	42.96	100.00

SIDAMA ZONE

Table 31.4.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	93.81	100.00
For Draught	60.49	64.48
For Beef	12.63	13.46
For Others	20.69	22.06
Female cattle	647.47	100.00
For Milk	554.38	85.62
For Draught	**	**
For Beef	**	**
For Others	90.19	13.93

Table 31.5.4 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	4.92	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	128.24	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	126.30	98.49
	For Other purposes	**	**
	Male Total	11.00	100.00
	For Meat	7.78	70.73
	For Breeding	2.75	25.00
	For Other purposes	**	**
	Female Total	65.84	100.00
	For Meat	**	**
	For Milk	9.52	14.46
	For Breeding	54.92	83.41
	For Other purposes	**	**

Table 31.6.4 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	58.62	7.01
Cockerels	72.24	8.64
Pullets	133.27	15.95
Laying hens	229.85	27.50
Non-Lying hens	20.29	2.43
Chicks	321.49	38.47
Total Poultry	835.75	100.00

GEDIO ZONE

Table 31.1.5 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	47.94	39.25
Under 6 Month	6.25	5.12
6 Months & Under 1 year	5.41	4.43
1 Year & under 3 years	11.19	9.16
3 Years & under 10 years	24.42	19.99
10 Years & Over	**	**
Female Total	74.20	60.75
Under 6 Month	6.95	5.69
6 Months & Under 1 year	4.34	3.55
1 Year & under 3 years	8.88	7.27
3 Years & under 10 years	51.85	42.45
10 Years & over	2.17	1.78
Total Animal	122.14	100.00

Table 31.2.5 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	37.52	28.31	4.32	29.03
Under 6 Month	12.62	9.52	1.38	9.27
6 Months & Under 1 year	5.23	3.95	**	**
1 Year & under 2 years	6.92	5.22	.90	6.05
2 Years & over	12.76	9.63	1.92	12.90
Female Total	94.99	71.69	10.56	70.97
Under 6 Month	15.29	11.54	1.64	11.02
6 Months & Under 1 year	9.38	7.08	2.03	13.64
1 Year & under 2 years	13.06	9.86	.66	4.44
2 Years & over	57.25	43.20	6.22	41.80
Total Animal	132.51	100.00	14.88	100.00

Table 31.3.5 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	11.10	58.27	2.86	73.90
Under 3 Years	1.42	7.45	**	**
3 Years and Over	9.68	50.81	2.67	68.99
Female Total	7.94	41.68	1.01	26.10
Under 3 Years	**	**	**	**
3 Years and Over	6.61	34.70	**	**
Total Animal	19.05	100.00	3.87	100.00

GEDIO ZONE

Table 31.4.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	24.42	100.00
For Draught	**	**
For Beef	11.74	48.08
For Others	5.36	21.95
Female cattle	51.85	100.00
For Milk	40.97	79.02
For Draught	-	-
For Beef	2.65	5.11
For Others	8.24	15.89

Table 31.5.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	12.76	100.00
	For Mutton/Meat	5.31	41.61
	For wool	-	-
	For Breeding	5.67	44.44
	For Other purposes	**	**
	Female Total	57.25	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	56.32	98.38
	For Other purposes	-	-
GOATS	Male Total	1.92	100.00
	For Meat	.97	50.52
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	6.22	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	6.12	98.39
	For Other purposes	-	-

Table 31.6.5 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	40.36	14.22
Cockerels	26.17	9.22
Pullets	39.03	13.75
Laying hens	77.93	27.45
Non-Lying hens	2.02	.71
Chicks	98.40	34.66
Total Poultry	283.91	100.00

NORTH OMO ZONE

Table 31.1.6 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	668.17	38.97
Under 6 Month	63.56	3.71
6 Months & Under 1 year	76.42	4.46
1 Year & under 3 years	125.94	7.35
3 Years & under 10 years	397.72	23.20
10 Years & Over	**	**
Female Total	1,046.34	61.03
Under 6 Month	70.64	4.12
6 Months & Under 1 year	90.19	5.26
1 Year & under 3 years	222.47	12.98
3 Years & under 10 years	653.61	38.12
10 Years & over	9.43	.55
Total Animal	1,714.51	100.00

Table 31.2.6 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	81.48	26.39	73.62	27.45
Under 6 Month	27.95	9.05	20.04	7.47
6 Months & Under 1 year	17.07	5.53	19.54	7.29
1 Year & under 2 years	15.13	4.90	14.63	5.45
2 Years & over	21.33	6.91	19.42	7.24
Female Total	227.24	73.60	194.61	72.56
Under 6 Month	30.26	9.80	23.54	8.78
6 Months & Under 1 year	22.39	7.25	18.47	6.89
1 Year & under 2 years	59.65	19.32	40.56	15.12
2 Years & over	114.95	37.23	112.04	41.77
Total Animal	308.73	100.00	268.22	100.00

Table 31.3.6 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	**	**	17.41	85.98
Under 3 Years	**	**	**	**
3 Years and Over	**	**	16.53	81.63
Female Total	**	**	**	**
Under 3 Years	**	**	**	**
3 Years and Over	**	**	**	**
Total Animal	**	**	20.25	100.00

NORTH OMO ZONE

Table 31.4.6 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	397.72	100.00
For Draught	374.36	94.13
For Beef	3.98	1.00
For Others	19.39	4.88
Female cattle	653.61	100.00
For Milk	589.67	90.22
For Draught	2.05	.31
For Beef	**	**
For Others	59.97	9.18

Table 31.5.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	21.33	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	11.20	52.51
	For Other purposes	-	-
	Female Total	114.95	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	110.46	96.09
	For Other purposes	**	**
GOATS	Male Total	19.42	100.00
	For Meat	6.52	33.57
	For Breeding	12.90	66.43
	For Other purposes	-	-
	Female Total	112.04	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	106.77	95.30
	For Other purposes	**	**

Table 31.6.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	149.78	12.10
Cockerels	132.94	10.74
Pullets	172.20	13.91
Laying hens	274.90	22.20
Non-Lying hens	114.59	9.25
Chicks	393.81	31.80
Total Poultry	1,238.22	100.00

SOUTH OMO ZONE

Table 31.1.7 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	189.93	46.01
Under 6 Month	29.17	7.07
6 Months & Under 1 year	25.65	6.21
1 Year & under 3 years	36.22	8.77
3 Years & under 10 years	89.98	21.80
10 Years & Over	**	**
Female Total	222.84	53.99
Under 6 Month	30.60	7.41
6 Months & Under 1 year	26.58	6.44
1 Year & under 3 years	47.66	11.55
3 Years & under 10 years	102.49	24.83
10 Years & over	15.51	3.76
Total Animal	412.77	100.00

Table 31.2.7 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	114.40	36.91	168.07	41.18
Under 6 Month	25.15	8.11	39.67	9.72
6 Months & Under 1 year	**	**	37.67	9.23
1 Year & under 2 years	**	**	37.56	9.20
2 Years & over	45.15	14.57	53.18	13.03
Female Total	195.55	63.09	240.07	58.82
Under 6 Month	31.75	10.24	38.97	9.55
6 Months & Under 1 year	27.40	8.84	42.64	10.45
1 Year & under 2 years	40.81	13.17	48.59	11.91
2 Years & over	95.59	30.84	109.88	26.92
Total Animal	309.95	100.00	408.14	100.00

Table 31.3.7 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	2.06	46.82	**	**
Under 3 Years	.44	10.00	**	**
3 Years and Over	1.62	36.82	**	**
Female Total	2.34	53.18	**	**
Under 3 Years	.61	13.86	**	**
3 Years and Over	1.73	39.32	**	**
Total Animal	4.40	100.00	**	**

SOUTH OMO ZONE

Table 31.4.7 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	89.98	100.00
For Draught	70.96	78.86
For Beef	18.15	20.17
For Others	.87	.97
Female cattle	102.49	100.00
For Milk	94.18	91.89
For Draught	**	**
For Beef	**	**
For Others	2.06	2.01

Table 31.5.7 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	45.15	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	19.15	42.41
	For Other purposes	**	**
	Female Total	95.59	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
	For Breeding	87.43	91.46
	For Other purposes	**	**
GOATS	Male Total	53.18	100.00
	For Meat	21.88	41.14
	For Breeding	30.58	57.50
	For Other purposes	**	**
	Female Total	109.88	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	56.49	51.41
	For Other purposes	-	-

Table 31.6.7 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	50.91	17.31
Cockerels	42.72	14.52
Pullets	53.31	18.12
Laying hens	72.37	24.60
Non-Lying hens	20.53	6.98
Chicks	54.34	18.47
Total Poultry	294.17	100.00

KEFICHO-SHEKICHO ZONE

Table 31.1.8 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	210.45	43.33
Under 6 Month	29.05	5.98
6 Months & Under 1 year	21.13	4.35
1 Year & under 3 years	33.87	6.97
3 Years & under 10 years	123.60	25.45
10 Years & Over	2.80	.58
Female Total	275.25	56.67
Under 6 Month	35.78	7.37
6 Months & Under 1 year	28.31	5.83
1 Year & under 3 years	41.14	8.47
3 Years & under 10 years	167.26	34.44
10 Years & over	**	**
Total Animal	485.70	100.00

Table 31.2.8 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	69.82	30.14	32.48	31.92
Under 6 Month	33.43	14.43	12.45	12.24
6 Months & Under 1 year	12.24	5.28	7.63	7.50
1 Year & under 2 years	9.44	4.07	5.08	4.99
2 Years & over	14.72	6.35	7.32	7.19
Female Total	161.85	69.86	69.26	68.07
Under 6 Month	29.10	12.56	13.11	12.88
6 Months & Under 1 year	13.77	5.94	6.39	6.28
1 Year & under 2 years	26.36	11.38	10.78	10.59
2 Years & over	92.62	39.98	38.98	38.31
Total Animal	231.67	100.00	101.75	100.00

Table 31.3.8 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	21.01	70.72	0.54	68.35
Under 3 Years	3.24	10.91	-	-
3 Years and Over	17.78	59.85	0.54	68.35
Female Total	8.70	29.28	**	**
Under 3 Years	2.12	7.14	**	**
3 Years and Over	6.57	22.11	**	**
Total Animal	29.71	100.00	0.79	100.00

KEFICHO-SHEKICHO ZONE

Table 31.4.8 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	123.60	100.00
For Draught	121.30	98.14
For Beef	**	**
For Others	**	**
Female cattle	167.26	100.00
For Milk	162.98	97.44
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 31.5.8 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	14.72	100.00
	For Mutton/Meat	8.12	55.16
	For wool	-	-
	For Breeding	6.38	43.34
	For Other purposes	**	**
	Female Total	92.62	100.00
	For Mutton/Meat	.94	1.01
	For Wool	-	-
	For Breeding	91.47	98.76
	For Other purposes	**	**
GOATS	Male Total	7.32	100.00
	For Meat	**	**
	For Breeding	2.82	38.52
	For Other purposes	**	**
	Female Total	38.98	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	38.76	99.44
	For Other purposes	-	-

Table 31.6.8 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	71.88	12.97
Cockerels	47.05	8.49
Pullets	75.74	13.66
Laying hens	131.51	23.72
Non-Lying hens	47.41	8.55
Chicks	180.80	32.61
Total Poultry	554.40	100.00

BENCH-MAJI ZONE

Table 31.1.9 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	78.45	36.94
Under 6 Month	12.17	5.73
6 Months & Under 1 year	9.54	4.49
1 Year & under 3 years	13.85	6.52
3 Years & under 10 years	42.23	19.89
10 Years & Over	.66	.31
Female Total	133.92	63.06
Under 6 Month	14.40	6.78
6 Months & Under 1 year	10.29	4.85
1 Year & under 3 years	25.04	11.79
3 Years & under 10 years	82.48	38.84
10 Years & over	1.71	.81
Total Animal	212.37	100.00

Table 31.2.9 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	23.55	23.51	18.26	32.03
Under 6 Month	12.81	12.79	6.52	11.44
6 Months & Under 1 year	4.07	4.06	3.07	5.39
1 Year & under 2 years	2.88	2.88	2.99	5.24
2 Years & over	3.79	3.78	**	**
Female Total	76.59	76.48	38.75	67.97
Under 6 Month	15.66	15.64	4.56	8.00
6 Months & Under 1 year	7.08	7.07	3.29	5.77
1 Year & under 2 years	8.06	8.05	6.50	11.40
2 Years & over	45.80	45.73	24.39	42.78
Total Animal	100.15	100.00	57.01	100.00

Table 31.3.9 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	2.18	34.99	.25	80.65
Under 3 Years	**	**	-	-
3 Years and Over	1.28	20.55	.25	80.65
Female Total	4.04	64.85	.06	19.35
Under 3 Years	1.15	18.46	-	-
3 Years and Over	2.89	46.39	**	**
Total Animal	6.23	100.00	.31	100.00

BENCHI-MAJI ZONE

Table 31.4.9 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	42.23	100.00
For Draught	38.49	91.14
For Beef	**	**
For Others	**	**
Female cattle	82.48	100.00
For Milk	76.46	92.70
For Draught	**	**
For Beef	**	**
For Others	5.70	6.91

Table 31.5.9 SHEEP and GOATS Population aged Two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	3.79	100.00
	For Mutton/Meat	1.28	33.77
	For wool	-	-
	For Breeding	**	**
	For Other purposes	-	-
	Female Total	45.80	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
	For Breeding	45.56	99.48
	For Other purposes	**	**
GOATS	Male Total	5.68	100.00
	For Meat	**	**
	For Breeding	**	**
	For Other purposes	-	-
	Female Total	24.39	100.00
	For Meat	-	-
	For Milk	-	-
	For Breeding	24.31	99.67
	For Other purposes	**	**

Table 31.6.9 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	37.18	12.23
Cockerels	27.29	8.98
Pullets	43.18	14.20
Laying hens	72.69	23.91
Non-Lying hens	31.82	10.47
Chicks	91.81	30.20
Total Poultry	303.97	100.00

YEM SPECIAL WEREDA ZONE

Table 31.1.10 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	22.13	46.92
Under 6 Month	1.20	2.54
6 Months & Under 1 year	1.39	2.95
1 Year & under 3 years	2.79	5.91
3 Years & under 10 years	16.47	34.92
10 Years & Over	**	**
Female Total	25.03	53.06
Under 6 Month	1.40	2.97
6 Months & Under 1 year	1.85	3.92
1 Year & under 3 years	3.81	8.08
3 Years & under 10 years	17.72	37.57
10 Years & over	.25	.53
Total Animal	47.17	100.00

Table 31.2.10 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	3.06	18.01	2.96	23.27
Under 6 Month	1.29	7.59	1.58	12.42
6 Months & Under 1 year	.98	5.77	.53	4.17
1 Year & under 2 years	.19	1.12	.35	2.75
2 Years & over	.59	3.47	**	**
Female Total	13.93	81.99	9.76	76.73
Under 6 Month	2.04	12.01	1.52	11.95
6 Months & Under 1 year	1.12	6.59	.86	6.76
1 Year & under 2 years	1.60	9.42	.88	6.92
2 Years & over	9.17	53.97	6.49	51.02
Total Animal	16.99	100.00	12.72	100.00

Table 31.3.10 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.17	30.91	.64	41.83
Under 3 Years	**	**	**	**
3 Years and Over	.10	18.18	.52	33.99
Female Total	.37	67.27	.89	58.17
Under 3 Years	**	**	.16	10.46
3 Years and Over	.24	43.64	.73	47.71
Total Animal	.55	100.00	1.53	100.00

YEM SPECIAL WEREDA ZONE

Table 31.4.10 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	16.47	100.00
For Draught	16.18	98.24
For Beef	**	**
For Others	**	**
Female cattle	17.72	100.00
For Milk	15.23	85.95
For Draught	-	-
For Beef	**	**
For Others	2.47	13.94

Table 31.5.10 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	.59	100.00
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	.44	74.58
	For Other purposes	**	**
	Female Total	9.17	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
GOATS	For Breeding	9.12	99.45
	For Other purposes	**	**
	Male Total	.49	100.00
	For Meat	.10	20.41
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	6.49	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	6.27	96.61
	For Other purposes	**	**

Table 31.6.10 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	2.40	7.05
Cockerels	1.37	4.03
Pullets	2.74	8.04
Laying hens	8.30	24.35
Non-Lying hens	2.37	6.94
Chicks	16.90	49.60
Total Poultry	34.07	100.00

AMARO SPECIAL WERADA ZONE

Table 31.1.11 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	23.76	40.44
Under 6 Month	1.41	2.40
6 Months & Under 1 year	2.18	3.71
1 Year & under 3 years	4.99	8.49
3 Years & under 10 years	14.50	24.68
10 Years & Over	**	**
Female Total	34.99	59.56
Under 6 Month	2.13	3.63
6 Months & Under 1 year	2.66	4.53
1 Year & under 3 years	7.74	13.17
3 Years & under 10 years	21.18	36.05
10 Years & over	1.27	2.16
Total Animal	58.75	100.00

Table 31.2.11 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	2.16	20.85	9.01	29.92
Under 6 Month	.45	4.34	3.18	10.56
6 Months & Under 1 year	.46	4.44	1.82	6.04
1 Year & under 2 years	**	**	1.61	5.35
2 Years & over	.84	8.11	2.40	7.97
Female Total	8.20	79.15	21.11	70.11
Under 6 Month	.81	7.82	3.31	10.99
6 Months & Under 1 year	.83	8.01	1.93	6.41
1 Year & under 2 years	.93	8.98	3.24	10.76
2 Years & over	5.63	54.34	12.62	41.91
Total Animal	10.36	100.00	30.11	100.00

Table 31.3.11 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.62	41.61	**	**
Under 3 Years	.16	10.74	**	**
3 Years and Over	.46	30.87	**	**
Female Total	.87	58.39	**	**
Under 3 Years	**	**	**	**
3 Years and Over	.73	48.99	**	**
Total Animal	1.49	100.00	**	**

AMARO SPECIAL WEREDA ZONE

Table 31.4.11 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	14.50	100.00
For Draught	13.77	94.97
For Beef	**	**
For Others	.49	3.38
Female cattle	21.18	100.00
For Milk	19.74	93.20
For Draught	**	**
For Beef	**	**
For Others	1.32	6.23

Table 31.5.11 SHEEP and GOATS Population aged Two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	.84	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	.28	33.33
	For Other purposes	**	**
	Female Total	5.63	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	5.58	99.11
	For Other purposes	-	-
	Male Total	2.40	100.00
	For Meat	.66	27.50
	For Breeding	1.55	64.58
	For Other purposes	**	**
	Female Total	12.62	100.00
	For Meat	-	-
	For Milk	**	**
	For Breeding	10.76	85.26
	For Other purposes	**	**

Table 31.6.11 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	5.75	12.33
Cockerels	4.11	8.82
Pullets	8.74	18.75
Laying hens	10.95	23.48
Non-Lying hens	1.86	3.98
Chicks	15.22	32.64
Total Poultry	46.63	100.00

BURJI SPECIAL WEREDA ZONE

Table 31.1.12 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	17.96	56.60
Under 6 Month	1.22	3.84
6 Months & Under 1 year	.82	2.58
1 Year & under 3 years	1.89	5.96
3 Years & under 10 years	13.86	43.68
10 Years & Over	.17	.54
Female Total	13.77	43.40
Under 6 Month	1.29	4.07
6 Months & Under 1 year	1.13	3.56
1 Year & under 3 years	1.67	5.26
3 Years & under 10 years	9.37	29.53
10 Years & over	**	**
Total Animal	31.73	100.00

Table 31.2.12 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	**	**	5.55	34.80
Under 6 Month	**	**	1.47	9.22
6 Months & Under 1 year	**	**	.79	4.95
1 Year & under 2 years	0.08	7.55	.86	5.39
2 Years & over	**	**	2.44	15.30
Female Total	0.67	63.21	10.39	65.14
Under 6 Month	0.11	10.38	1.79	11.22
6 Months & Under 1 year	**	**	.74	4.64
1 Year & under 2 years	**	**	.97	6.08
2 Years & over	0.48	45.28	6.89	43.20
Total Animal	1.06	100.00	15.95	100.00

Table 31.3.12 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	1.10	55.56
Under 3 Years	-	-	.16	8.08
3 Years and Over	-	-	.94	47.47
Female Total	-	-	.89	44.95
Under 3 Years	-	-	.23	11.62
3 Years and Over	-	-	.66	33.33
Total Animal	-	-	1.98	100.00

BURJI SPECIAL WEREDA ZONE

Table 31.4.12 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	13.86	100.00
For Draught	11.87	85.64
For Beef	.18	1.30
For Others	1.81	13.06
Female cattle	9.37	100.00
For Milk	7.46	79.62
For Draught	**	**
For Beef	**	**
For Others	1.83	19.53

Table 31.5.12 SHEEP and GOATS Population aged Two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	**	**
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	**	**
	Female Total	.48	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
	For Breeding	.48	100.00
	For Other purposes	-	-
GOATS	Male Total	2.44	100.00
	For Meat	**	**
	For Breeding	1.52	62.30
	For Other purposes	-	-
	Female Total	6.89	100.00
	For Meat	.05	.73
	For Milk	**	**
	For Breeding	5.63	81.71
	For Other purposes	**	**

Table 31.6.12 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	3.22	15.41
Cockerels	1.90	9.10
Pullets	3.73	17.83
Laying hens	6.52	31.20
Non-Lying hens	.72	3.45
Chicks	4.81	23.02
Total Poultry	20.91	100.00

KONSO SPECIAL WEREDA ZONE

Table 31.1.13 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	29.07	41.73
Under 6 Month	2.55	3.66
6 Months & Under 1 year	3.01	4.32
1 Year & under 3 years	4.60	6.60
3 Years & under 10 years	18.65	26.77
10 Years & Over	**	**
Female Total	40.61	58.29
Under 6 Month	4.20	6.03
6 Months & Under 1 year	3.49	5.01
1 Year & under 3 years	7.43	10.66
3 Years & under 10 years	25.25	36.24
10 Years & over	.25	.36
Total Animal	69.67	100.00

Table 31.2.13 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	17.51	42.22	29.25	40.66
Under 6 Month	2.01	4.85	3.99	5.55
6 Months & Under 1 year	1.50	3.62	3.10	4.31
1 Year & under 2 years	2.90	6.99	4.87	6.77
2 Years & over	11.10	26.77	17.28	24.02
Female Total	23.96	57.78	42.68	59.34
Under 6 Month	2.66	6.41	6.20	8.62
6 Months & Under 1 year	1.77	4.27	3.73	5.19
1 Year & under 2 years	3.23	7.79	6.31	8.77
2 Years & over	16.30	39.31	26.43	36.74
Total Animal	41.47	100.00	71.93	100.00

Table 31.3.13 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	1.11	59.36
Under 3 Years	-	-	**	**
3 Years and Over	-	-	.98	52.41
Female Total	-	-	.76	40.64
Under 3 Years	-	-	**	**
3 Years and Over	-	-	.64	34.22
Total Animal	-	-	1.87	100.00

KONSO SPECIAL WEREDA

Table 31.4.13 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	18.65	100.00
For Draught	15.38	82.47
For Beef	2.84	15.23
For Others	**	**
Female cattle	25.25	100.00
For Milk	24.14	95.60
For Draught	-	-
For Beef	**	**
For Others	**	**

Table 31.5.13 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	11.10	100.00
	For Mutton/Meat	7.94	71.53
	For Wool	-	-
	For Breeding	3.06	27.57
	For Other purposes	**	**
	Female Total	16.30	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
	For Breeding	15.76	96.69
	For Other purposes	**	**
GOATS	Male Total	17.28	100.00
	For Meat	9.85	57.00
	For Breeding	7.24	41.90
	For Other purposes	**	**
	Female Total	26.43	100.00
	For Meat	**	**
	For Milk	**	**
	For Breeding	25.93	98.11
	For Other purposes	-	-

Table 31.6.13 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	10.27	17.38
Cockerels	5.86	9.91
Pullets	9.00	15.23
Laying hens	18.09	30.61
Non-Lying hens	4.01	6.79
Chicks	11.86	20.07
Total Poultry	59.09	100.00

DERASHE SPECIAL WEREDA ZONE

Table 31.1.14 Number and percentage distribution of CATTLE by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	16.65	49.39
Under 6 Month	1.46	4.33
6 Months & Under 1 year	1.37	4.06
1 Year & under 3 years	2.44	7.24
3 Years & under 10 years	11.37	33.73
10 Years & Over	**	**
Female Total	17.07	50.64
Under 6 Month	**	**
6 Months & Under 1 year	**	**
1 Year & under 3 years	3.40	10.09
3 Years & under 10 years	8.60	25.51
10 Years & over	**	**
Total Animal	33.71	100.00

Table 31.2.14 Number and percentage distribution of SHEEP and GOATS by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	2.83	34.26	7.95	35.22
Under 6 Month	.39	4.72	1.84	8.15
6 Months & Under 1 year	.37	4.48	.89	3.94
1 Year & under 2 years	.62	7.51	1.50	6.65
2 Years & over	1.45	17.55	3.73	16.53
Female Total	5.43	65.74	14.62	64.78
Under 6 Month	.52	6.30	1.97	8.73
6 Months & Under 1 year	.66	7.99	1.88	8.33
1 Year & under 2 years	1.03	12.47	1.88	8.33
2 Years & over	3.22	38.98	8.89	39.39
Total Animal	8.26	100.00	22.57	100.00

Table 31.3.14 Number and percentage distribution of HORSES and ASSES by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	2.72	69.04
Under 3 Years	-	-	.22	5.58
3 Years and Over	-	-	2.50	63.45
Female Total	**	**	1.21	30.71
Under 3 Years	**	**	.20	5.08
3 Years and Over	**	**	1.01	25.63
Total Animal	**	**	3.94	100.00

DERASHE SPECIAL WEREDA ZONE

Table 31.4.14 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	11.37	100.00
For Draught	9.22	81.09
For Beef	1.26	11.08
For Others	**	**
Female cattle	8.60	100.00
For Milk	8.20	95.35
For Draught	**	**
For Beef	**	**
For Others	**	**

Table 31.5.14 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	1.45	100.00
	For Mutton/Meat	.72	49.66
	For wool	-	-
	For Breeding	.54	37.24
	For Other purposes	**	**
	Female Total	3.22	100.00
	For Mutton/Meat	-	-
	For Wool	-	-
	For Breeding	3.22	100.00
	For Other purposes	-	-
GOATS	Male Total	3.73	100.00
	For Meat	1.57	42.09
	For Breeding	1.86	49.87
	For Other purposes	**	**
	Female Total	8.89	100.00
	For Meat	-	-
	For Milk	**	**
	For Breeding	8.81	99.10
	For Other purposes	-	-

Table 31.6.14 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Poultry by kind	Number in Thousands	
	Number	%
Cocks	4.23	14.90
Cockerels	2.64	9.31
Pullets	4.54	15.98
Laying hens	5.52	19.43
Non-Lying hens	3.66	12.88
Chicks	7.81	27.50
Total Poultry	28.40	100.00

GAMBELA

Table 32.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	4.35	27.72
Under 6 Month	1.52	9.69
6 Months & Under 1 year	1.21	7.71
1 Year & under 3 years	1.28	8.16
3 Years & under 10 years	.34	2.17
10 Years & Over	-	-
Female Total	11.34	72.28
Under 6 Month	1.57	10.01
6 Months & Under 1 year	.86	5.48
1 Year & under 3 years	1.67	10.64
3 Years & under 10 years	7.23	46.08
10 Years & over	-	-
Total Animal	15.69	100.00

Table 32.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	2.47	31.99	3.46	37.86
Under 6 Month	1.30	16.84	1.10	12.04
6 Months & Under 1 year	**	**	.62	6.78
1 Year & under 2 years	**	**	1.00	10.94
2 Years & over	**	**	**	**
Female Total	5.25	68.01	5.68	62.14
Under 6 Month	1.13	14.64	**	**
6 Months & Under 1 year	**	**	.73	7.99
1 Year & under 2 years	.35	4.53	1.34	14.66
2 Years & over	3.43	44.43	2.84	31.07
Total Animal	7.72	100.00	9.14	100.00

Table 32.3 CATTLE Population aged over three years and under ten
years by sex and Purpose, private holdings
1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	.34	100.00
For Draught	**	**
For Beef	**	**
For Others	**	**
Female cattle	7.23	100.00
For Milk	6.78	93.78
For Draught	**	**
For Beef	**	**
For Others	**	**

GAMBELA

Table 32.4 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	**	**
	For Mutton/Meat	**	**
	For wool	-	-
	For Breeding	**	**
	For Other purposes	-	-
	Female Total	3.43	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
	For Breeding	3.25	94.75
	For Other purposes	**	**
GOATS	Male Total	**	**
	For Meat	**	**
	For Breeding	.65	87.84
	For Other purposes	**	**
	Female Total	2.84	100.00
	For Meat	-	-
	For Milk	-	-
	For Breeding	2.84	100.00
	For Other purposes	-	-

Table 32.5 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	16.56	9.32
Cockerels	15.62	8.79
Pullets	24.86	13.99
Laying hens	28.85	16.23
Non-Lying hens	15.70	8.83
Chicks	76.13	42.84
Total Poultry	177.70	100.00

Table 33.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	11.54	41.10
Under 6 Month	1.83	6.52
6 Months & Under 1 year	1.16	4.13
1 Year & under 3 years	2.32	8.26
3 Years & under 10 years	6.21	22.12
10 Years & Over	.02	.07
Female Total	16.55	58.94
Under 6 Month	1.97	7.02
6 Months & Under 1 year	1.26	4.49
1 Year & under 3 years	3.06	10.90
3 Years & under 10 years	10.14	36.11
10 Years & over	.13	.46
Total Animal	28.08	100.00

Table 33.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	1.00	32.79	4.45	29.47
Under 6 Month	.28	9.18	1.72	11.39
6 Months & Under 1 year	.19	6.23	.84	5.56
1 Year & under 2 years	.21	6.89	.92	6.09
2 Years & over	.32	10.49	.97	6.42
Female Total	2.04	66.89	10.65	70.53
Under 6 Month	.26	8.52	1.64	10.86
6 Months & Under 1 year	.17	5.57	.88	5.83
1 Year & under 2 years	.26	8.52	1.20	7.95
2 Years & over	1.35	44.26	6.93	45.89
Total Animal	3.05	100.00	15.10	100.00

Table 33.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	2.80	67.47
Under 3 Years	-	-	.34	8.19
3 Years and Over	-	-	2.46	59.28
Female Total	-	-	1.35	32.53
Under 3 Years	-	-	.22	5.30
3 Years and Over	-	-	1.12	26.99
Total Animal	-	-	4.15	100.00

HARARI

Table 33.4 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	%
Male Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Female Total	**	**
Under 4 Years	**	**
4 Years & Over	**	**
Total Animal	.63	100.00

Table 33.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands

Sex and Purpose	Number	%
Male Cattle	6.21	100.00
For Draught	5.64	90.82
For Beef	.36	5.80
For Others	.20	3.22
Female cattle	10.14	100.00
For Milk	9.43	93.00
For Draught	.03	.30
For Beef	.03	.30
For Others	.64	6.31

Table 33.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Type	Sex and Purpose	Number	%
SHEEP	Male Total	.32	100.00
	For Mutton/Meat	.21	65.63
	For wool	-	-
	For Breeding	.10	31.25
	For Other purposes	.02	6.25
	Female Total	1.35	100.00
	For Mutton/Meat	.02	1.48
	For Wool	-	-
	For Breeding	1.33	98.52
	For Other purposes	**	**
GOATS	Male Total	.97	100.00
	For Meat	.46	47.42
	For Breeding	.47	48.45
	For Other purposes	.04	4.12
	Female Total	6.93	100.00
	For Meat	.06	.87
	For Milk	.75	10.82
	For Breeding	6.11	88.17
	For Other purposes	.02	.29

Table 33.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	3.53	14.30
Cockerels	2.00	8.11
Pullets	2.87	11.63
Laying hens	7.37	29.89
Non-Lying hens	2.16	8.76
Chicks	6.74	27.30
Total Poultry	24.67	100.00

ADDIS ABABA

Table 34.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	CATTLE	
	Number	%
Male Total	14.21	53.66
Under 6 Month	.74	2.79
6 Months & Under 1 year	.96	3.63
1 Year & under 3 years	2.15	8.12
3 Years & under 10 years	9.91	37.42
10 Years & Over	.45	1.70
Female Total	12.28	46.37
Under 6 Month	.88	3.32
6 Months & Under 1 year	.88	3.32
1 Year & under 3 years	2.10	7.93
3 Years & under 10 years	8.36	31.57
10 Years & over	.06	.23
Total Animal	26.48	100.00

Table 34.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Number in Thousands

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	2.72	31.74	1.39	35.28
Under 6 Month	.97	11.32	.44	11.17
6 Months & Under 1 year	.56	6.53	.28	7.11
1 Year & under 2 years	.33	3.85	.19	4.82
2 Years & over	.86	10.04	.48	12.18
Female Total	5.85	68.26	2.55	64.72
Under 6 Month	.97	11.32	.36	9.14
6 Months & Under 1 year	.53	6.18	.23	5.84
1 Year & under 2 years	.54	6.30	.39	9.90
2 Years & over	3.80	44.34	1.56	39.59
Total Animal	8.57	100.00	3.94	100.00

Table 34.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	.55	93.22	3.85	77.62
Under 3 Years	**	**	.24	4.84
3 Years and Over	.51	86.44	3.61	72.78
Female Total	**	**	1.10	22.18
Under 3 Years	**	**	.18	3.63
3 Years and Over	**	**	.92	18.55
Total Animal	.59	100.00	4.96	100.00

ADDIS ABABA

Table 34.4 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Number in Thousands		
Sex and Purpose	Number	%
Male Cattle	9.91	100.00
For Draught	9.04	91.22
For Beef	.39	3.94
For Others	.47	4.74
Female cattle	8.36	100.00
For Milk	7.29	87.20
For Draught	.09	1.08
For Beef	.05	.60
For Others	.93	11.12

Table 34.5 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Number in Thousands			
Type	Sex and Purpose	Number	%
SHEEP	Male Total	.86	100.00
	For Mutton/Meat	.33	38.37
	For wool	-	-
	For Breeding	.53	61.63
	For Other purposes	**	**
	Female Total	3.80	100.00
	For Mutton/Meat	**	**
	For Wool	**	**
	For Breeding	3.74	98.42
	For Other purposes	-	-
GOATS	Male Total	.48	100.00
	For Meat	.19	39.58
	For Breeding	.27	56.25
	For Other purposes	**	**
	Female Total	1.56	100.00
	For Meat	**	**
	For Milk	-	-
	For Breeding	1.53	98.08
	For Other purposes	**	**

Table 34.6 Number and percentage distribution of POULTRY by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands		
Poultry by kind	Number	%
Cocks	2.45	13.40
Cockerels	1.20	6.54
Pullets	1.45	7.93
Laying hens	6.38	34.87
Non-Lying hens	1.18	6.44
Chicks	5.64	30.82
Total Poultry	18.31	100.00

Table 35.1 Number and percentage distribution of CATTLE
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	CATTLE	
	Number	%
Male Total	14.70	32.92
Under 6 Month	3.49	7.82
6 Months & Under 1 year	2.26	5.06
1 Year & under 3 years	4.32	9.68
3 Years & under 10 years	4.64	10.39
10 Years & Over	-	-
Female Total	29.95	67.08
Under 6 Month	4.08	9.14
6 Months & Under 1 year	2.65	5.94
1 Year & under 3 years	4.89	10.95
3 Years & under 10 years	17.86	40.00
10 Years & over	.47	1.05
Total Animal	44.65	100.00

Table 35.2 Number and percentage distribution of SHEEP and GOATS
by sex and age, private holdings, 1997/98(1990 E.C)

Sex and Age Group	SHEEP		GOATS	
	Number	%	Number	%
Male Total	7.32	26.29	16.90	22.58
Under 6 Month	3.68	13.22	8.42	11.25
6 Months & Under 1 year	1.05	3.77	2.93	3.92
1 Year & under 2 years	.93	3.34	2.56	3.42
2 Years & over	1.67	6.00	2.99	4.00
Female Total	20.52	73.71	57.95	77.43
Under 6 Month	3.45	12.39	10.68	14.27
6 Months & Under 1 year	2.11	7.58	5.24	7.00
1 Year & under 2 years	2.36	8.48	8.07	10.78
2 Years & over	12.61	45.29	33.96	45.38
Total Animal	27.84	100.00	74.84	100.00

Table 35.3 Number and percentage distribution of HORSES and ASSES
by sex and age, private holdings, 1997/98 (1990 E.C.)

Sex and Age Group	HORSES		ASSES	
	Number	%	Number	%
Male Total	-	-	3.69	45.11
Under 3 Years	-	-	.87	10.64
3 Years and Over	-	-	2.82	34.47
Female Total	-	-	4.50	55.01
Under 3 Years	-	-	1.11	13.57
3 Years and Over	-	-	3.39	41.44
Total Animal	-	-	8.18	100.00

DIRE DAWA

Table 35.4 Number and percentage distribution of CAMELS by sex and age, private holdings, 1997/98(1990 E.C.)

Sex and Age Group	Number in Thousands	
	CAMELS	
	Number	%
Male Total	2.96	51.26
Under 4 Years	1.02	17.73
4 Years & Over	1.94	33.54
Female Total	2.82	48.74
Under 4 Years	1.04	17.92
4 Years & Over	1.78	30.82
Total Animal	5.78	100.00

Table 35.5 CATTLE Population aged over three years and under ten years by sex and Purpose, private holdings 1997/98(1990 E.C.)

Sex and Purpose	Number in Thousands	
	Number	%
Male Cattle	4.64	100.00
For Draught	3.75	80.82
For Beef	**	**
For Others	**	**
Female cattle	17.86	100.00
For Milk	17.32	96.98
For Draught	**	**
For Beef	**	**
For Others	.33	1.85

Table 35.6 SHEEP and GOATS Population aged two years and over by sex and age, private holdings, 1997/98(1990 E.C.)

Type	Sex and Purpose	Number in Thousands	
		Number	%
SHEEP	Male Total	1.67	100.00
	For Mutton/Meat	.67	40.12
	For wool	-	-
	For Breeding	.86	51.50
	For Other purposes	**	**
	Female Total	12.61	100.00
	For Mutton/Meat	**	**
	For Wool	-	-
GOATS	For Breeding	12.59	99.84
	For Other purposes	-	-
	Male Total	2.99	100.00
	For Meat	1.13	37.79
	For Breeding	1.61	53.85
	For Other purposes	**	**
	Female Total	33.96	100.00
	For Meat	**	**
	For Milk	2.12	6.24
	For Breeding	31.78	93.58
	For Other purposes	**	**

DIRE DAWA

Table 35.7 Number and percentage distribution of POULTRY
by Kind, private holdings, 1997/98(1990 E.C.)

Number in Thousands

Poultry by kind	Number	%
Cocks	3.09	8.92
Cockerels	2.21	6.40
Pullets	3.83	11.06
Laying hens	11.92	34.44
Non-Lying hens	2.89	8.35
Chicks	10.67	30.83
Total Poultry	34.62	100.00

APPENDIX I

SURVEY QUESTIONNAIRE

**CENTRAL STATISTICAL AUTHORITY
NATIONAL INTEGRATED HOUSEHOLD SURVEY PROGRAM
LIVESTOCK, POULTRY, BEEHIVES AND HONEY PRODUCTION-1990 E.C.**

FORM ASS-90/6

Private holdings

PART 1 - IDENTIFICATION PARTICULARS

JOB ID	1	2	3	4	5	6	7	8	9	10	11	12	13			
REGION				WEREDA	FARMERS' ASSOCIATION			ENUMERATION AREA			HOLDER ID NUMBER	NAME	HOLDER'S SEX MALE = 1 FEM = 2	EDUC. STATUS (grade compl)	NUMB OF MEMBERS OF HOLDER	TYPE OF HOLDING CROP=1 LIVEST=2 BOTH=3
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

PART 2 - CATTLE BY SEX, AGE AND PURPOSE

1	2	3	4	5	6	7	8	9	10	11	12	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
CATTLE	GRAND TOTAL	LESS THAN 6 MONTHS	6 MONTHS & < 1 YEAR	1 YEAR & < 3 YEARS	TOTAL = col 7 +col 8+col 10 +col 11	3 YEARS AND ABOVE AND LESS THAN 10 YEARS						FOR OTHER PURPOSES	10 YEARS AND OVER	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
						BEEF CATTLE	DAIRY COWS	MILCH COWS IN LAST 12 MONTHS	CATTLE MAINLY FOR AGRICULTUR- AL PURPOSES	51	52				53	54	55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Notes:
1- Cattle includes calves, heifers yearlings, bulls, cows & oxen
2- Milking cows refer to the 12 months period Feb 9/1997-Feb 8/1998 (yiketti 2, 1989 - yiketti 1, 1990)
3- Date of reference is Feb 8/1998 (yiketti 1/1990)

PART 3 - SHEEP AND GOATS BY SEX, AGE AND PURPOSE

1	2	3	4	5	6	7	2 YEARS AND ABOVE				10	11	12	13																				
SR. NO.	TYPE	GRAND TOTAL	LESS THAN 6 MONTHS	6 MONTHS & < 1 YEAR	1 YEAR & LESS THAN 2 YEARS	COL 7 =COL 8 +9+10+11+12	FOR MEAT	FOR WOOL	FOR MILK	FOR BREED	FOR OTHER PURPOSES	REMARKS																						
0	1 SHEEP	TOTAL	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	130	131	132	133	134	135	136	137	138	139	140			
		MALE	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161				162	163	164	165	166	167		
		FEMALE	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197		
0	2 GOATS	TOTAL	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215				216	217	218	219	220	221	222	223	224		
		MALE	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242														
		FEMALE	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266														

JOB	1	2	3
ID	1	6	0

SR. NO.	TYPE	1		2		3	4			5	6	7	8	9	
		28	29	GRAND TOTAL	LESS THAN 3 YEARS		3 YEARS & ABOVE	LESS THAN 4 YEARS	4 YEARS & ABOVE						MAINLY FOR AGR.
0	1 HORSE			TOTAL	30	31	32	33	34	35	36	37	38		
				MALE	42	43	44	45	46	47	48	49	50		
				FEMALE	54	55	56	57	58	59	60	61	62		
				TOTAL	66	67	68	69	70	71	72	73	74		
0	2 ASSES			TOTAL	78	79	80	81	82	83	84	85	86		
				MALE	90	91	92	93	94	95	96	97	98		
				FEMALE	102	103	104								
				TOTAL	108	109	110								
0	3 MULES			TOTAL	114	115	116								
				MALE	120	121	122								
				FEMALE	132	133	134								
				TOTAL	140	141	142	143	144	145	146				
0	4 CAMEL			TOTAL	123	124	125	126	127	128	129	130	131		
				MALE	135	136	137	138	139	140	141	142	143		
				FEMALE	147	148	149	150	151	152	153	154	155		
				TOTAL	158	159	160	161	162	163	164	165	166		

PART 5 - NUMBER OF POULTRY

JOB		PART 5 - NUMBER OF POULTRY																			
		1		2		3		2		3		4		5		6		7		8	
JOB ID		1	2	3	1	6	1	PULLETS		LAYING HENS		NON LAYING HENS		COCKRELS		COCKS		CHICKS		REMARKS	
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49

PART 6 - BEEHIVES AND HONEY PRODUCTION

1		2						3	4				
		TOTAL HONEY PRODUCTION PER YEAR											
BEEHIVES (with bees)		50	51	52	53	54	55	56	57	58	PER BEEHIVE PER YEAR	FREQUENCY OF HONEY PRODUCTION	REMARKS
							KG	GRAM					
TRADITION		50	51	52	53	54	55	56	57	58		59	
MODERN		60	61	62	63	64	65	66	67	68		69	

NOTE
BEEHIVES (WITH BEES) REFER TO THE
PERIOD Feb. 9/1997 - Feb. 8/1998
(yibkelt 2, 1989 - yibkelt 1, 1990) FROM WHICH
HONEY WAS PRODUCED AT LEAST ONCE
IN THE PERIOD.
- DATE OF REFERENCE IS Feb 8/1998
(Yibkelt 1, 1990)

	NAME	SIGNATURE	DATE
ENUMERATOR			
SUPERVISOR			
REGIONAL STATE HEAD			

APPENDIX II

**NUMBER OF EAs SAMPLED,
ACTUALLY COVERED, NUMBER OF
HOUSEHOLDS EXPECTED TO BE
COVERED AND ACTUALLY COVERED.**

Appendix II THE 1997/98 LIVESTOCK SURVEY
DISTRIBUTION OF SAMPLED AND COVERED EAs AND HOUSEHOLDS

Region	Stratum (Reporting Level)	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
Tigray	Mirabawi	25	25	1000	996
	Mekakelegnaw	25	24	1000	956
	Debubawi	25	25	1000	993
	Misrakawi	25	25	1000	992
Afar	Zone 1	20	19	800	1197
	Zone 3	20	20	800	1190
	Zone 5	20	14	800	1195
Amhara	North Gondar	30	30	1200	998
	South Gondar	30	30	1200	1192
	West Gojam	30	30	1200	1188
	Agew Awi	25	25	1000	1197
	East Gojam	30	30	1200	983
	North Wollo	30	30	1200	997
	South Wollo	30	30	1200	1158
	Wag Himra	25	25	1000	1200
	Oromiya	25	25	1000	1198
	North Shoa	30	29	1200	1193
Oromiya	West Wellega	30	30	1200	1194
	East Wellega	30	30	1200	1198
	Illubabor	30	30	1200	1193
	Jima	30	30	1200	1194
	North Shoa	30	30	1200	1198
	West Shoa	30	30	1200	1193
	East Shoa	30	29	1200	1158
	Arsi	30	30	1200	1180
	Bale	30	30	1200	1195
	Borena	30	28	1200	1114

	West Hararge	30	30	1200	1199
	East Hararge	30	30	1200	1182
Somalie	Jijiga	20	20	800	782
	Shinile	20	18	800	648
	Liben	20	18	800	716
Benshan gul- Gumuz	Asosa	25	21	1000	837
	Kemashi	25	22	1000	878
	Metekel	25	25	1000	993
SNNP	Sidama	30	30	1200	1190
	Hadiya	30	30	1200	1197
	Kembata Alaba Timbaro	30	29	1200	1159
	Gurage	30	30	1200	1185
	Gedeo	30	30	1200	1197
	North Omo	30	30	1200	1197
	South Omo	30	25	1200	983
	Bench Maji	25	25	1000	994
	Keffa-Sheka	30	30	1200	1197
	Konso	15	15	600	599
	Derashe	15	15	600	600
	Burji	15	15	600	600
	Amaro	15	15	600	598
	Yem	15	15	600	597
Gambela	Gambela	25	24	1000	935
Harari	Harari	65	65	4225	4187
Addis Ababa	Addis Ababa	25	25	1000	992
Dire Dawa	Dire Dawa	25	25	1000	996
TOTAL		1420	1345	58,425	56654

APPENDIX III

ESTIMATION PROCEDURE

Appendix III: ESTIMATION PROCEDURE OF TOTAL, RATIO
AND SAMPLING ERROR

i) Estimator of Total

Estimate of domain total, $\hat{Y}_h$, in is given by:

$$\hat{Y}_h = \sum_{i=1}^{n_h} \frac{M_h H_{hi}}{n_h M_{hi} h_{hi}} \sum_{j=1}^{h_{hi}} Y_{hij} \quad (1)$$

$$\sum_{i=1}^{n_h} \sum_{j=1}^{h_{hi}} W_{hi} Y_{hij}$$

$$W_{hi} = \frac{M_h H_{hi}}{n_h M_{hi} h_{hi}} \text{ is the sampling weight}$$

Where:

M_h = Total number of households in stratum h obtained from the sampling frame

M_{hi} = Total number of households in EA/PSU i, stratum h obtained from the sampling frame

n_h = Number of sample EAs successfully covered in stratum h

H_{hi} = Total number of agricultural households obtained from the survey listing in EA/PSU i stratum h

h_{hi} = Number of agricultural households successfully covered in EA/PSU i stratum h

Y_{hij} = The observed value of a characteristic y for household j in EA/PSU i stratum h

Note: Estimate of total at country level, $\hat{Y}$, is obtained by summing up stratum/domain total estimates.

$$\hat{Y} = \sum_h \hat{Y}_h$$

ii) Estimator of ratio:

$$\hat{R}_h = \frac{\hat{Y}_h}{\hat{X}_h} \quad \text{and} \quad \hat{R} = \frac{\hat{Y}}{\hat{X}} \quad (2)$$

Where the numerator and the denominator are estimates of domain totals of characteristics y and x, respectively.

iii) Sampling error of estimates:

The variance of domain total estimate is:

$$V(\hat{Y}_h) = \frac{n_h}{n_h - 1} \left[\sum_{i=1}^{n_h} \hat{Y}_{hi}^2 - \frac{\hat{Y}_h^2}{n_h} \right] \quad (3)$$

in which $\hat{Y}_{hi} = W_{hi} \sum_{j=1}^{h_{hi}} y_{hij}$

$$V(\hat{Y}) = \sum_h V(\hat{Y}_h) \quad (4)$$

$$SE(\hat{Y}_h) = \sqrt{\text{Var}(\hat{Y}_h)} \quad (5)$$

Percentage Coefficient of variation (CV) of domain total:

$$CV(\hat{Y}_h) = \frac{\sqrt{\text{Var}(\hat{Y}_h)}}{\hat{Y}_h} \times 100 \quad (6)$$

Ninety five confidence interval (CI) of domain total:

$$\hat{Y}_h \pm 1.96 \times SE(\hat{Y}_h) \quad (7)$$

$$\text{Var}(\hat{R}_h) = \frac{1}{\hat{X}_h^2} [\text{Var}(\hat{Y}_h) + \hat{R}_h^2 \text{Var}(\hat{X}_h) - 2\hat{R}_h \text{Cov}(\hat{Y}_h, \hat{X}_h)] \quad (8)$$

in which
$$\text{Cov}(\hat{Y}_h, \hat{X}_h) = \frac{n_h}{n_h - 1} \left[\sum_{i=1}^{n_h} \hat{Y}_{hi} \hat{X}_{hi} - \frac{\hat{Y}_h \hat{X}_h}{n_h} \right]$$

Estimates of standard error, coefficient of variation and confidence interval for the ratio estimate can be calculated by adopting formulas 5, 6 and 7.

APPENDIX IV

ESTIMATED NUMBER OF LIVESTOCK, POULTRY AND BEEHIVES BY TYPE, STANDARD ERROR AND COEFFICIENT OF VARIATION.

**ESTIMATED NUMBER OF CATTLE, SHEEP, GOATS, HORSES, ASSES AND CAMELS BY AGE AND SEX
STANDARD ERROR AND COEFFICIENT OF VARIATION.**

**ESTIMATED NUMBER OF CATTLE AGED THREE YEARS AND OVER AND UNDER TEN YEARS , SHEEP AND GOATS AGED TWO YEARS AND OVER BY SEX AND PURPOSE,
STANDARD ERROR AND COEFFICIENT OF VARIATION.**

Estimated number of Livestock, Poultry and Beehives by type,
standard error and coefficient of variation for private holdings.
National, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	35371.77	588.05	1.66
Sheep	13428.48	494.56	3.68
Goats	10460.39	431.06	4.12
Horses	1230.73	88.34	7.18
Asses	3169.34	82.33	2.60
Mules	263.11	19.02	7.23
Camels	479.36	93.13	19.43
Poultry	32978.65	639	1.94
Beehives	3100.46	214.47	6.92

Note

- For estimated number with CV between 30 % and 50 %, users are advised to use them cautiously. Because the smaller the CV the more reliable the estimate will be.

-The SE and CV for beehives are for traditional Type.

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Tigray region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	2586.34	155.08	6.00
Sheep	1146.41	123.04	10.73
Goats	1543.65	129.58	8.39
Horses	1.18	0.59	49.49
Asses	336.60	21.05	6.25
Mules	12.47	3.75	30.07
Camels	11.50	3.42	29.71
Poultry	3418.79	168.02	4.91
Beehives	164.58	17.94	10.90

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Afar region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	767.97	160.67	20.92
Sheep	487.94	161.51	33.10
Goats	770.00	220.23	28.60
Horses	-	-	-
Asses	41.94	9.00	21.46
Mules	1.05	0.33	31.01
Camels	224.80	79.25	35.25
Poultry	108.76	17.66	16.24
Beehives	1.97	0.51	25.86

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Amhara region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	8785.55	245.21	2.79
Sheep	4237.36	287.87	6.79
Goats	3021.61	197.90	6.55
Horses	233.78	34.94	14.95
Asses	1197.87	46.43	3.88
Mules	84.18	11.92	14.16
Camels	9.67	3.28	33.90
Poultry	10587.87	391.73	3.70
Beehives	691.44	34.42	4.98

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Oromia region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	15479.06	410.71	2.65
Sheep	5088.43	295.35	5.80
Goats	2989.24	209.69	7.01
Horses	786.06	75.20	9.57
Asses	1300.04	57.89	4.45
Mules	104.52	10.40	9.95
Camels	70.57	22.94	32.50
Poultry	11599.09	402.17	3.47
Beehives	1252.93	157.83	12.60

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Somalia region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	490.88	44.06	8.98
Sheep	270.96	42.52	15.69
Goats	397.88	63.75	16.02
Horses	-	-	-
Asses	47.61	5.71	12.00
Mules	-	-	-
Camels	156.41	42.93	27.45
Poultry	140.87	23.18	16.45
Beehives	**	**	**

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Benshingul-Gumuz region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	320.04	44.97	14.05
Sheep	81.44	17.03	20.91
Goats	177.17	39.20	22.13
Horses	**	**	**
Asses	26.10	4.03	15.44
Mules	0.35	0.14	39.40
Camels	-	-	-
Poultry	887.12	103.59	11.68
Beehives	252.81	73.46	29.06

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in S.N.N.P. region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	6827.02	251.13	3.68
Sheep	2068.76	176.42	8.53
Goats	1457.84	177.68	12.19
Horses	208.08	30.45	14.63
Asses	201.90	26.37	13.06
Mules	60.36	9.86	16.34
Camels	-	-	-
Poultry	5980.86	226.40	3.79
Beehives	648.33	110.25	17.00

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Gambela region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	15.60	4.15	26.47
Sheep	7.72	2.75	35.70
Goats	9.14	2.96	32.33
Horses	**	**	**
Asses	-	-	-
Mules	-	-	-
Camels	-	-	-
Poultry	177.70	34.02	19.14
Beehives	**	**	**

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Harari region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	28.09	1.49	5.30
Sheep	3.05	0.28	9.33
Goats	15.10	0.76	5.02
Horses	-	-	-
Asses	4.15	0.35	8.43
Mules	-	-	-
Camels	**	**	**
Poultry	24.67	1.62	6.57
Beehives	0.49	0.08	15.90

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Addis Ababa region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	26.49	3.96	14.94
Sheep	8.57	1.59	18.59
Goats	3.94	0.75	18.95
Horses	0.59	0.15	25.90
Asses	4.95	0.63	12.67
Mules	0.16	0.05	32.98
Camels	-	-	-
Poultry	18.31	3.01	16.43
Beehives	0.37	0.11	28.81

Estimated number of Livestock, Poultry and Beehives by type, standard error and coefficient of variation for private holdings, in Dire Dawa region, 1997/98 (1990 E.C)

Type	Number ('000)	SE ('000)	CV %
Cattle	44.65	4.48	10.03
Sheep	27.84	3.38	12.15
Goats	74.85	7.22	9.65
Horses	-	-	-
Asses	8.19	0.72	8.83
Mules	-	-	-
Camels	5.77	0.93	16.08
Poultry	34.62	3.04	8.79
Beehives	0.39	0.19	49.30

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, National, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
CATTLE			
Male Total	15928.88	252.07	0.09
Under 6 month	1468.06	38.82	1.58
6 month & under 1	1467.69	38.68	2.64
1 year & under 3	2748.63	64.22	2.34
3 years & under 10	9626.89	160.47	1.67
10 years & over	617.62	37.89	6.14
Female Total	19442.89	370.47	1.91
Under 6 month	1700.76	47.55	2.80
6 month & under 1	1720.06	48.01	2.79
1 year & under 3	3412.52	89.89	2.63
3 years & under 10	12089.52	219.30	1.81
10 years & over	520.03	34.25	6.59
SHEEP			
Male Total	3610.93	149.13	4.13
Under 6 month	1562.23	66.26	4.24
6 month & under 1	607.26	30.21	4.97
1 year & under 2	517.07	31.96	6.18
2 years & over	924.37	57.34	6.20
Female Total	9817.55	360.69	3.67
Under 6 month	1704.19	72.91	4.28
6 month & under 1	817.53	40.18	4.92
1 year & under 2	1119.11	62.88	5.62
2 years & over	6176.72	231.43	3.75
GOATS			
Male Total	3276.14	154.33	4.71
Under 6 month	1160.59	50.74	4.37
6 month & under 1	540.68	30.44	5.63
1 year & under 2	563.09	36.57	6.49
2 years & over	1011.78	61.69	6.10
Female Total	7184.25	287.13	4.00
Under 6 month	1295.42	65.09	5.02
6 month & under 1	657.77	34.80	5.29
1 year & under 2	959.52	55.37	5.77
2 years & over	4271.54	165.30	3.87

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Tigray Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	1272.15	69.10	5.43
Under 6 month	75.12	8.98	11.89
6 month & under 1	128.37	11.30	8.94
1 year & under 3	212.72	17.57	8.26
3 years & under 10	765.54	37.42	4.89
10 years & over	92.01	11.25	12.23
Female Total	1314.19	90.43	6.88
Under 6 month	91.96	11.25	12.24
6 month & under 1	143.74	12.21	8.50
1 year & under 3	243.22	20.27	8.33
3 years & under 10	769.38	49.69	6.46
10 years & over	65.89	11.23	17.05
SHEEP			
Male Total	317.89	37.57	11.82
Under 6 month	121.29	13.93	11.49
6 month & under 1	48.78	7.43	15.22
1 year & under 2	47.49	8.09	17.04
2 years & over	100.34	15.83	15.78
Female Total	828.52	89.32	10.78
Under 6 month	129.06	13.09	10.14
6 month & under 1	70.85	9.04	12.76
1 year & under 2	112.02	11.77	10.51
2 years & over	516.59	63.44	12.28
GOATS			
Male Total	479.60	43.38	9.04
Under 6 month	174.94	15.45	8.83
6 month & under 1	62.20	8.29	13.33
1 year & under 2	77.74	9.19	11.82
2 years & over	164.71	21.29	12.93
Female Total	1084.05	88.21	8.29
Under 6 month	179.73	18.29	10.18
6 month & under 1	87.95	10.16	11.56
1 year & under 2	145.04	14.82	10.22
2 years & over	651.33	55.89	8.58

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Afar Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	227.37	44.07	19.38
Under 6 month	43.40	9.92	22.85
6 month & under 1	42.73	11.48	26.86
1 year & under 3	59.43	16.87	28.38
3 years & under 10	76.48	9.69	12.88
10 years & over	5.33	2.48	46.42
Female Total	540.60	118.97	22.01
Under 6 month	59.52	13.28	22.31
6 month & under 1	60.42	14.77	24.44
1 year & under 3	121.26	37.66	31.06
3 years & under 10	281.70	53.77	19.09
10 years & over	**	**	**
SHEEP			
Male Total	164.05	59.02	35.95
Under 6 month	32.36	10.57	32.66
6 month & under 1	25.55	8.83	34.55
1 year & under 2	37.03	15.66	42.29
2 years & over	69.11	25.22	36.50
Female Total	323.89	103.12	31.84
Under 6 month	50.50	14.93	29.57
6 month & under 1	37.72	12.54	33.24
1 year & under 2	82.77	34.54	41.73
2 years & over	152.90	43.38	28.37
GOATS			
Male Total	223.43	63.43	28.39
Under 6 month	73.31	22.27	30.37
6 month & under 1	26.55	8.28	31.17
1 year & under 2	40.56	14.89	36.71
2 years & over	83.01	24.32	29.30
Female Total	546.57	159.35	29.15
Under 6 month	128.09	44.04	34.38
6 month & under 1	43.55	15.93	36.57
1 year & under 2	80.98	31.82	39.04
2 years & over	293.95	83.48	28.40

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Amhara Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
CATTLE			
Male Total	4539.43	117.37	2.59
Under 6 month	275.18	13.73	4.99
6 month & under 1	364.74	19.78	5.42
1 year & under 3	630.00	26.21	4.16
3 years & under 10	2980.65	79.79	2.68
10 years & over	288.86	29.48	10.21
Female Total	4245.12	139.49	3.29
Under 6 month	319.36	16.59	5.19
6 month & under 1	409.67	22.87	5.58
1 year & under 3	724.14	32.18	4.44
3 years & under 10	2673.01	86.08	3.22
10 years & over	119.95	12.49	10.41
SHEEP			
Male Total	1146.78	82.70	7.21
Under 6 month	486.63	37.87	7.78
6 month & under 1	183.97	16.48	8.96
1 year & under 2	172.86	18.35	10.61
2 years & over	303.32	36.36	11.99
Female Total	3090.58	213.52	6.91
Under 6 month	506.96	41.76	8.24
6 month & under 1	223.81	19.31	8.63
1 year & under 2	256.07	22.61	8.83
2 years & over	2103.75	148.93	7.08
GOATS			
Male Total	972.97	71.37	7.34
Under 6 month	354.62	28.35	8.00
6 month & under 1	149.19	13.39	8.97
1 year & under 2	159.97	18.20	11.38
2 years & over	309.19	29.34	9.49
Female Total	2048.64	131.38	6.41
Under 6 month	397.21	30.68	7.72
6 month & under 1	158.21	13.05	8.25
1 year & under 2	212.12	21.89	10.32
2 years & over	1281.09	81.21	6.34

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Oromiya Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
CATTLE			
Male Total	7055.29	178.83	2.53
Under 6 month	710.75	27.19	3.82
6 month & under 1	586.20	23.02	3.93
1 year & under 3	1306.25	46.28	3.54
3 years & under 10	4269.62	115.79	2.71
10 years & over	182.48	19.31	10.58
Female Total	8423.77	253.34	3.01
Under 6 month	813.71	33.58	4.13
6 month & under 1	691.16	30.71	4.44
1 year & under 3	1450.77	55.72	3.84
3 years & under 10	5290.04	156.14	2.96
10 years & over	188.08	21.55	11.46
SHEEP			
Male Total	1283.04	78.40	6.11
Under 6 month	675.59	46.78	6.92
6 month & under 1	222.53	17.68	7.94
1 year & under 2	142.82	12.98	9.07
2 years & over	242.10	21.42	8.85
Female Total	3805.39	223.34	5.87
Under 6 month	734.92	50.65	6.89
6 month & under 1	313.74	26.80	8.54
1 year & under 2	385.17	28.35	7.36
2 years & over	2371.56	141.42	5.96
GOATS			
Male Total	919.86	81.87	8.90
Under 6 month	364.22	24.44	6.71
6 month & under 1	163.97	16.76	10.22
1 year & under 2	151.71	19.40	12.79
2 years & over	239.96	34.30	14.29
Female Total	2069.38	133.80	6.46
Under 6 month	382.66	23.97	6.61
6 month & under 1	201.14	17.08	8.49
1 year & under 2	279.40	26.78	9.59
2 years & over	1226.18	82.36	6.72

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Somale Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
CATTLE			
Male Total	168.21	15.87	9.43
Under 6 month	21.15	2.97	14.02
6 month & under 1	22.28	3.25	14.59
1 year & under 3	33.49	3.67	10.95
3 years & under 10	89.14	10.57	11.86
10 years & over	2.15	0.79	36.57
Female Total	322.67	31.42	9.74
Under 6 month	30.21	4.38	14.50
6 month & under 1	29.75	3.71	12.46
1 year & under 3	49.15	5.06	10.30
3 years & under 10	206.59	21.88	10.59
10 years & over	6.95	1.94	27.90
SHEEP			
Male Total	76.05	15.02	19.75
Under 6 month	18.91	3.82	20.22
6 month & under 1	12.14	2.45	20.22
1 year & under 2	12.88	2.84	22.09
2 years & over	32.12	8.09	25.19
Female Total	194.91	29.31	15.04
Under 6 month	26.82	4.23	15.76
6 month & under 1	21.63	5.38	24.86
1 year & under 2	29.37	5.83	19.84
2 years & over	117.10	16.81	14.36
GOATS			
Male Total	116.54	23.35	20.04
Under 6 month	32.43	5.22	16.10
6 month & under 1	18.95	3.97	20.95
1 year & under 2	20.17	4.32	21.42
2 years & over	44.98	12.33	27.42
Female Total	281.34	43.74	15.55
Under 6 month	42.30	7.51	17.75
6 month & under 1	34.86	6.40	18.17
1 year & under 2	43.86	7.97	18.17
2 years & over	160.31	24.17	15.08

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Benshangul - Gumuz Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
CATTLE			
Male Total	142.01	18.52	13.04
Under 6 month	15.43	2.59	16.75
6 month & under 1	15.02	2.83	18.85
1 year & under 3	30.78	3.98	12.92
3 years & under 10	74.71	9.50	12.72
10 years & over	6.06	1.65	27.27
Female Total	178.03	26.90	15.11
Under 6 month	17.19	3.83	22.25
6 month & under 1	14.31	1.85	12.96
1 year & under 3	37.32	6.46	17.30
3 years & under 10	102.83	15.19	14.77
10 years & over	6.37	2.31	36.35
SHEEP			
Male Total	22.97	5.77	25.13
Under 6 month	10.76	2.18	20.31
6 month & under 1	4.12	1.19	28.95
1 year & under 2	3.71	1.25	33.67
2 years & over	4.39	2.12	48.38
Female Total	58.47	11.69	19.99
Under 6 month	11.57	2.43	21.02
6 month & under 1	7.23	1.69	23.37
1 year & under 2	9.09	1.86	20.42
2 years & over	30.58	6.33	20.71
GOATS			
Male Total	56.08	15.14	26.99
Under 6 month	19.77	4.22	21.35
6 month & under 1	12.26	3.80	30.96
1 year & under 2	10.80	4.01	37.10
2 years & over	13.25	4.97	37.47
Female Total	121.09	24.49	20.22
Under 6 month	23.29	5.07	21.75
6 month & under 1	14.84	3.32	22.35
1 year & under 2	22.56	6.39	28.32
2 years & over	60.40	10.72	17.75

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, S.N.P. Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	2479.61	102.26	4.12
Under 6 month	19.60	6.14	6.14
6 month & under 1	304.74	17.22	5.65
1 year & under 3	465.88	25.63	5.57
3 years & under 10	1348.67	65.39	4.84
10 years & over	40.26	7.60	18.88
Female Total	4347.41	171.84	3.95
Under 6 month	360.31	22.82	6.33
6 month & under 1	355.35	21.32	5.84
1 year & under 3	774.93	45.19	5.83
3 years & under 10	2792.37	101.08	3.70
10 years & over	114.45	18.40	16.08
SHEEP			
Male Total	586.64	64.00	10.91
Under 6 month	210.46	21.02	9.99
6 month & under 1	107.74	13.70	12.71
1 year & under 2	98.67	14.01	14.20
2 years & over	169.77	23.44	13.81
Female Total	1482.13	122.46	8.26
Under 6 month	238.56	24.23	10.16
6 month & under 1	139.42	15.89	11.40
1 year & under 2	241.11	35.63	14.78
2 years & over	863.04	71.70	8.31
GOATS			
Male Total	481.47	73.01	15.16
Under 6 month	129.63	19.76	15.24
6 month & under 1	102.89	17.28	16.80
1 year & under 2	97.47	16.98	17.42
2 years & over	151.49	23.37	15.43
Female Total	976.37	107.24	10.98
Under 6 month	148.70	18.98	12.76
6 month & under 1	110.13	18.39	16.70
1 year & under 2	164.56	23.28	14.15
2 years & over	552.98	55.78	10.09

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Gambela Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	4.35	1.05	24.22
Under 6 month	1.52	0.48	31.41
6 month & under 1	1.21	0.37	30.66
1 year & under 3	1.26	0.42	32.80
3 years & under 10	0.34	0.15	44.70
10 years & over	—	—	—
Female Total	11.34	3.31	29.21
Under 6 month	1.57	0.54	34.47
6 month & under 1	0.86	0.28	32.22
1 year & under 3	1.67	0.49	29.16
3 years & under 10	7.23	2.18	30.17
10 years & over	—	—	—
SHEEP			
Male Total	2.47	0.95	38.45
Under 6 month	1.30	0.48	37.13
6 month & under 1	—	—	—
1 year & under 2	—	—	—
2 years & over	—	—	—
Female Total	5.25	1.81	34.57
Under 6 month	1.13	0.49	43.31
6 month & under 1	—	—	—
1 year & under 2	—	—	—
2 years & over	—	—	—
GOATS			
Male Total	3.46	1.14	32.80
Under 6 month	1.10	0.43	38.94
6 month & under 1	0.62	0.21	33.41
1 year & under 2	1.00	0.37	36.88
2 years & over	—	—	—
Female Total	5.68	1.90	33.52
Under 6 month	—	—	—
6 month & under 1	0.73	0.31	42.16
1 year & under 2	1.34	0.43	31.90
2 years & over	2.84	1.06	37.25

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Harari Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	11.54	0.71	6.19
Under 6 month	1.83	0.14	7.82
6 month & under 1	1.16	0.09	7.53
1 year & under 3	2.32	0.15	6.27
3 years & under 10	6.21	0.52	8.41
10 years & over	0.02	0.01	37.30
Female Total	16.55	0.86	5.20
Under 6 month	1.97	0.16	7.92
6 month & under 1	1.26	0.09	7.31
1 year & under 3	3.06	0.18	5.98
3 years & under 10	10.14	0.60	5.91
10 years & over	0.13	0.03	25.89
SHEEP			
Male Total	1.00	0.09	8.88
Under 6 month	0.28	0.04	13.30
6 month & under 1	0.19	0.02	11.04
1 year & under 2	0.21	0.03	12.32
2 years & over	0.32	0.04	11.63
Female Total	2.04	0.20	9.92
Under 6 month	0.26	0.04	14.60
6 month & under 1	0.17	0.02	12.25
1 year & under 2	0.26	0.04	13.92
2 years & over	1.35	0.14	10.13
GOATS			
Male Total	4.45	0.26	5.93
Under 6 month	1.72	0.11	6.51
6 month & under 1	0.84	0.07	7.89
1 year & under 2	0.92	0.10	10.68
2 years & over	0.97	0.10	9.82
Female Total	10.65	0.53	4.98
Under 6 month	1.64	0.13	7.65
6 month & under 1	0.88	0.07	7.75
1 year & under 2	1.20	0.10	8.05
2 years & over	6.93	0.36	5.13

Estimated number of Cattle, Sheep and Goats by Age and Sex, Standard error and coefficient of variation, for private holdings, Addis Ababa Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	14.21	2.04	14.37
Under 6 month	0.96	0.14	19.25
6 month & under 1	0.96	0.21	21.38
1 year & under 3	2.15	0.44	20.65
3 years & under 10	9.91	1.41	14.20
10 years & over	0.45	0.18	38.91
Female Total	12.28	2.00	16.30
Under 6 month	0.88	0.15	16.63
6 month & under 1	0.88	0.14	16.45
1 year & under 3	2.10	0.33	15.51
3 years & under 10	8.36	1.49	17.83
10 years & over	0.06	0.03	48.20
SHEEP			
Male Total	2.72	0.57	21.05
Under 6 month	0.97	0.22	22.87
6 month & under 1	0.56	0.17	29.74
1 year & under 2	0.33	0.09	27.37
2 years & over	0.86	0.20	23.55
Female Total	5.85	1.04	17.72
Under 6 month	0.97	0.21	22.02
6 month & under 1	0.53	0.14	26.63
1 year & under 2	0.54	0.11	20.81
2 years & over	3.80	0.69	18.07
GOATS			
Male Total	1.39	0.27	19.67
Under 6 month	0.44	0.10	23.86
6 month & under 1	0.28	0.08	26.69
1 year & under 2	0.19	0.05	26.63
2 years & over	0.48	0.11	23.92
Female Total	2.55	0.49	19.15
Under 6 month	0.36	0.09	25.21
6 month & under 1	0.23	0.08	33.18
1 year & under 2	0.39	0.12	29.30
2 years & over	1.56	0.29	18.85

Estimated number of Cattle, Sheep and Goates by Age and Sex, Standard error and coefficient of variation, for private holdings, Dire Dawa Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE ('000)	CV %
CATTLE			
Male Total	14.70	1.44	9.79
Under 6 month	3.49	0.47	13.52
6 month & under 1	2.26	0.34	15.06
1 year & under 3	4.32	0.47	10.89
3 years & under 10	4.64	0.70	15.07
10 years & over	—	—	—
Female Total	29.95	3.11	10.40
Under 6 month	4.08	0.58	14.31
6 month & under 1	2.65	0.37	14.02
1 year & under 3	4.89	0.70	14.34
3 years & under 10	17.86	1.68	9.38
10 years & over	0.47	0.20	42.19
SHEEP			
Male Total	7.32	0.91	12.47
Under 6 month	3.68	0.52	14.18
6 month & under 1	1.05	0.17	15.99
1 year & under 2	0.93	0.20	21.41
2 years & over	1.67	0.52	31.01
Female Total	20.52	2.53	12.33
Under 6 month	3.45	0.44	12.64
6 month & under 1	2.11	0.38	18.07
1 year & under 2	2.36	0.43	18.17
2 years & over	12.61	1.75	13.90
GOATS			
Male Total	16.90	1.62	9.57
Under 6 month	8.42	1.05	12.53
6 month & under 1	2.93	0.46	15.87
1 year & under 2	2.56	0.38	14.80
2 years & over	2.99	0.68	22.84
Female Total	57.95	5.83	10.07
Under 6 month	10.68	1.24	11.58
6 month & under 1	5.24	0.87	16.71
1 year & under 2	8.07	1.22	15.17
2 years & over	33.96	3.22	9.48

Estimated number and percentage distribution of Horses, Asses and camels
by sex and age, Standard error and coefficient of variation, for private holdings,
National, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	587.85	42.67	7.26
Under 3 years	122.53	10.82	8.83
3 years & over	465.32	35.71	7.67
Female Total	642.88	52.02	8.09
Under 3 years	132.01	12.82	9.71
3 years & over	510.87	41.27	8.08
ASSES			
Male Total	1491.13	47.28	3.17
Under 3 years	394.24	15.57	3.95
3 years & over	1096.90	42.15	3.84
Female Total	1678.21	52.22	3.11
Under 3 years	391.71	16.55	4.22
3 years & over	1286.51	40.53	3.15
CAMELS			
Male Total	180.50	27.33	15.14
Under 4 years	63.02	11.63	18.46
4 years & over	117.48	17.04	14.50
Female Total	298.86	70.12	23.46
Under 4 years	82.38	19.86	24.11
4 years & over	216.48	51.11	23.61

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Tigray Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	**	**	**
Under 3 years	-	-	-
3 years & over	**	**	**
Female Total	**	**	**
Under 3 years	**	**	**
3 years & over	**	**	**
ASSES			
Male Total	180.52	13.29	7.36
Under 3 years	38.03	3.85	10.11
3 years & over	142.49	12.59	8.83
Female Total	156.08	12.49	8.00
Under 3 years	33.47	3.70	11.05
3 years & over	122.61	9.96	8.12
CAMELS			
Male Total	11.13	3.33	3.33
Under 4 years	**	**	**
4 years & over	9.67	2.83	29.23
Female Total	**	**	**
Under 4 years	**	**	**
4 years & over	**	**	**

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Afar Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
Female Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
ASSES			
Male Total	16.51	3.00	18.15
Under 3 years	4.12	0.85	20.76
3 years & over	12.40	2.82	22.73
Female Total	25.43	6.61	26.01
Under 3 years	**	**	**
3 years & over	15.41	2.75	17.85
CAMELS			
Male Total	78.21	22.79	29.14
Under 4 years	29.07	9.40	32.34
4 years & over	49.14	14.28	29.06
Female Total	146.59	60.14	41.03
Under 4 years	43.88	16.91	38.53
4 years & over	102.71	43.67	42.71

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Amhara Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	99.16	15.97	16.10
Under 3 years	18.10	3.54	19.58
3 years & over	81.06	13.60	16.77
Female Total	134.62	21.96	16.31
Under 3 years	25.98	4.89	18.81
3 years & over	108.64	17.85	16.43
ASSES			
Male Total	508.05	27.53	5.42
Under 3 years	171.40	10.72	6.25
3 years & over	336.65	23.87	7.09
Female Total	689.82	28.38	4.11
Under 3 years	164.85	9.41	5.71
3 years & over	524.97	22.21	4.23
CAMELS			
Male Total	9.45	3.26	34.49
Under 4 years	1.59	0.68	43.08
4 years & over	7.87	3.09	39.35
Female Total	**	**	**
Under 4 years	—	—	—
4 years & over	**	**	**

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Oromiya Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	385.90	37.59	9.74
Under 3 years	86.10	9.74	11.32
3 years & over	299.80	31.50	10.51
Female Total	400.16	42.79	10.69
Under 3 years	86.69	10.99	12.67
3 years & over	313.48	33.55	10.70
ASSES			
Male Total	632.22	33.97	5.37
Under 3 years	153.79	10.03	6.52
3 years & over	478.42	30.57	6.39
Female Total	667.82	36.50	5.47
Under 3 years	153.86	10.37	6.74
3 years & over	513.96	28.82	5.61
CAMELS			
Male Total	25.25	8.90	35.24
Under 4 years	13.18	5.28	40.09
4 years & over	12.08	3.94	32.66
Female Total	45.32	15.12	33.37
Under 4 years	12.84	5.79	45.10
4 years & over	32.48	10.20	31.40

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Somale Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
Female Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
ASSES			
Male Total	26.61	3.58	13.44
Under 3 years	6.41	1.15	17.96
3 years & over	20.19	2.83	14.01
Female Total	21.00	2.80	13.32
Under 3 years	3.95	0.63	16.02
3 years & over	17.05	2.35	13.78
CAMELS			
Male Total	53.26	11.22	21.07
Under 4 years	16.61	4.21	25.34
4 years & over	36.64	7.28	19.85
Female Total	103.15	32.71	31.71
Under 4 years	24.28	8.65	35.65
4 years & over	78.88	24.15	30.62

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Benshangul -Gumuz Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	**	**	**
Under 3 years	**	**	**
3 years & over	**	**	**
Female Total	**	**	**
Under 3 years	**	**	**
3 years & over	**	**	**
ASSES			
Male Total	18.36	2.89	15.73
Under 3 years	3.22	0.71	21.89
3 years & over	15.14	2.53	16.68
Female Total	7.74	1.88	24.30
Under 3 years	2.34	0.73	31.13
3 years & over	5.40	1.31	24.27
CAMELS			
Male Total	-	-	-
Under 4 years	-	-	-
4 years & over	-	-	-
Female Total	-	-	-
Under 4 years	-	-	-
4 years & over	-	-	-

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, S.N.N.P. Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	101.19	12.36	12.22
Under 3 years	18.18	3.10	17.04
3 years & over	83.01	9.90	11.93
Female Total	106.89	19.82	18.55
Under 3 years	19.07	4.43	23.22
3 years & over	87.82	16.10	18.34
ASSES			
Male Total	98.53	10.75	10.91
Under 3 years	15.81	3.08	19.47
3 years & over	82.72	9.57	11.56
Female Total	103.37	19.43	18.79
Under 3 years	21.60	5.93	27.32
3 years & over	81.68	14.31	17.52
CAMELS			
Male Total	—	—	—
Under 4 years	—	—	—
4 years & over	—	—	—
Female Total	—	—	—
Under 4 years	—	—	—
4 years & over	—	—	—

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Harari Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	—	—	—
Under 3 years	—	—	—
3 years & over	—	—	—
Female Total	—	—	—
Under 3 years	—	—	—
3 years & over	—	—	—
ASSES			
Male Total	2.80	0.29	10.26
Under 3 years	0.34	0.06	16.53
3 years & over	2.46	0.26	10.57
Female Total	1.35	0.14	10.11
Under 3 years	0.22	0.03	13.63
3 years & over	1.12	0.11	9.99
CAMELS			
Male Total	**	**	**
Under 4 years	**	**	**
4 years & over	**	**	**
Female Total	**	**	**
Under 4 years	**	**	**
4 years & over	**	**	**

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Addis Ababa Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	0.55	0.15	26.77
Under 3 years	**	**	**
3 years & over	0.51	0.13	25.60
Female Total	**	**	**
Under 3 years	**	**	**
3 years & over	**	**	**
ASSES			
Male Total	3.85	0.51	13.29
Under 3 years	0.24	0.10	39.54
3 years & over	3.61	0.54	14.97
Female Total	1.10	0.29	26.16
Under 3 years	0.18	0.06	32.75
3 years & over	0.92	0.23	25.40
CAMELS			
Male Total	-	-	-
Under 4 years	-	-	-
4 years & over	-	-	-
Female Total	-	-	-
Under 4 years	-	-	-
4 years & over	-	-	-

Estimated number and percentage distribution of Horses, Asses and camels by sex and age, Standard error and coefficient of variation, for private holdings, Dire Dawa Region, 1997/98(1990 E.C.)

AGE AND SEX	NUMBER IN ('000)	SE IN ('000)	CV %
HORSES			
Male Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
Female Total	-	-	-
Under 3 years	-	-	-
3 years & over	-	-	-
ASSES			
Male Total	3.69	0.46	12.58
Under 3 years	0.87	0.18	20.52
3 years & over	2.82	0.55	19.68
Female Total	4.50	0.54	11.98
Under 3 years	1.11	0.22	20.23
3 years & over	3.39	0.38	11.35
CAMELS			
Male Total	2.96	0.55	18.74
Under 4 years	1.02	0.27	26.66
4 years & over	1.94	0.38	19.56
Female Total	2.82	0.55	19.68
Under 4 years	1.04	0.26	24.72
4 years & over	1.78	0.34	19.20

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings, National, 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	9626.89	160.47	1.67
For Draught	8901.43	147.99	1.66
For Beef	321.76	29.60	9.20
For Other Purposes	403.71	31.26	7.74
Female Cattle	12089.52	219.30	1.81
For Milk	10894.42	197.34	1.81
For Draught	137.33	13.85	10.09
For Beef	110.41	17.86	16.18
For Other Purposes	947.36	53.66	5.66
Sheep			
Male Total	924.37	57.34	6.20
For Mutton	462.07	35.96	7.78
For Wool	2.36	1.10	46.74
For Breeding	401.46	31.68	7.89
For Other Purposes	58.49	9.53	16.29
Female Total	6176.04	231.42	3.75
For Mutton	86.61	13.88	16.03
For Wool	**	**	**
For Breeding	6054.04	226.69	3.74
For Other Purposes	28.20	5.44	19.28
Goats			
Male Total	1011.78	61.69	6.10
For Meat	497.48	39.21	7.88
For Breeding	474.43	35.62	7.51
For Other Purposes	39.87	6.91	17.33
Female Total	4271.54	165.30	3.87
For Meat	74.49	11.63	15.61
For Milk	539.34	72.55	13.45
For Breeding	3644.98	125.99	3.46
For Other Purposes	12.73	2.60	20.44

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Tigray region. 1997/98 (1990 E.C)

Sex and Purpose	Number (⁰⁰⁰)	SE (⁰⁰⁰)	CV %
Cattle			
Male Cattle	765.54	37.42	4.89
For Draught	720.22	32.97	4.58
For Beef	28.82	8.43	29.25
For Other Purposes	16.50	3.77	22.83
Female Cattle	769.38	49.69	6.46
For Milk	713.21	47.16	6.61
For Draught	9.09	2.45	26.93
For Beef	**	**	**
For Other Purposes	26.17	6.82	26.08
Sheep			
Male Total	100.34	15.83	15.78
For Mutton	35.74	7.89	22.06
For Wool	-	-	-
For Breeding	56.70	9.48	16.72
For Other Purposes	7.90	3.52	44.59
Female Total	516.59	63.44	12.28
For Mutton	22.10	8.26	37.37
For Wool	-	-	-
For Breeding	490.41	60.54	12.35
For Other Purposes	4.08	1.86	45.69
Goats			
Male Total	164.71	21.29	12.93
For Meat	60.45	13.46	22.26
For Breeding	95.42	13.81	14.47
For Other Purposes	8.84	2.82	31.92
Female Total	651.33	55.89	8.58
For Meat	11.23	2.94	26.18
For Milk	84.26	22.90	27.18
For Breeding	551.06	48.76	8.85
For Other Purposes	4.77	1.94	40.59

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Afar region. 1997/98 (1990 E.C)

Sex and Purpose	Number in (⁰⁰⁰)	SE in (⁰⁰⁰)	CV %
Cattle			
Male Cattle	76.48	9.69	12.68
For Draught	34.99	6.48	18.52
For Beef	33.19	11.20	33.73
For Other Purposes	8.30	3.39	40.84
Female Cattle	281.70	53.77	19.09
For Milk	265.42	52.29	19.70
For Draught	0.43	0.17	39.91
For Beef	10.98	3.57	32.48
For Other Purposes	4.88	1.37	28.14
Sheep			
Male Total	69.11	25.22	36.50
For Mutton	27.93	13.34	47.76
For Wool	-	-	-
For Breeding	38.19	13.68	35.82
For Other Purposes	**	**	**
Female Total	152.90	43.38	28.37
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	138.76	36.97	26.65
For Other Purposes	**	**	**
Goats			
Male Total	83.01	24.32	29.30
For Meat	36.16	14.10	39.01
For Breeding	42.31	11.27	26.64
For Other Purposes	**	**	**
Female Total	293.95	83.48	28.40
For Meat	**	**	**
For Milk	143.35	54.04	37.70
For Breeding	139.01	34.80	25.03
For Other Purposes	**	**	**

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Amhara region. 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	2980.65	79.79	2.68
For Draught	2883.24	76.94	2.67
For Beef	30.59	7.94	25.95
For Other Purposes	66.82	11.04	16.52
Female Cattle	2673.01	86.08	3.22
For Milk	2398.26	79.74	3.32
For Draught	68.65	10.86	15.82
For Beef	12.26	3.28	26.72
For Other Purposes	193.83	23.07	11.90
Sheep			
Male Total	303.32	36.36	11.99
For Mutton	171.19	23.42	13.68
For Wool	2.27	1.10	48.43
For Breeding	106.30	19.72	18.55
For Other Purposes	23.56	6.98	29.62
Female Total	2103.75	148.93	7.08
For Mutton	12.88	3.38	26.20
For Wool	**	**	**
For Breeding	2077.37	147.23	7.09
For Other Purposes	8.21	3.34	40.63
Goats			
Male Total	309.19	29.34	9.49
For Meat	187.64	21.45	11.43
For Breeding	109.54	17.45	15.93
For Other Purposes	12.00	4.08	34.02
Female Total	1281.09	81.21	6.34
For Meat	12.91	3.22	24.92
For Milk	**	**	**
For Breeding	1253.96	79.18	6.31
For Other Purposes	**	**	**

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Oromia region. 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	4269.62	115.79	2.71
For Draught	3908.41	104.72	2.68
For Beef	128.38	18.35	14.30
For Other Purposes	232.83	26.19	11.25
Female Cattle	5280.04	156.14	2.96
For Milk	4752.52	136.22	2.87
For Draught	48.58	7.99	16.44
For Beef	41.09	12.15	29.56
For Other Purposes	437.85	37.96	8.67
Sheep			
Male Total	242.10	21.42	8.85
For Mutton	124.17	13.33	10.73
For Wool	-	-	-
For Breeding	101.67	12.82	12.61
For Other Purposes	16.25	4.44	27.31
Female Total	2370.88	141.41	5.96
For Mutton	19.20	3.61	18.80
For Wool	**	**	**
For Breeding	2342.38	140.26	5.99
For Other Purposes	7.89	2.67	33.85
Goats			
Male Total	239.96	34.30	14.29
For Meat	128.98	23.37	18.12
For Breeding	104.04	17.42	16.75
For Other Purposes	6.93	1.85	26.61
Female Total	1226.18	82.36	6.72
For Meat	21.94	7.43	33.88
For Milk	155.88	28.81	18.49
For Breeding	1045.64	66.26	6.34
For Other Purposes	2.73	1.07	39.19

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Somalia region. 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	89.14	10.57	11.86
For Draught	67.85	7.04	10.38
For Beef	10.78	3.78	35.04
For Other Purposes	10.52	5.00	47.52
Female Cattle	206.59	21.88	10.59
For Milk	191.60	19.60	10.23
For Draught	**	**	**
For Beef	2.22	0.88	39.61
For Other Purposes	11.98	4.64	38.72
Sheep			
Male Total	32.12	8.09	25.19
For Mutton	6.62	2.41	36.38
For Wool	**	**	**
For Breeding	23.70	7.57	31.94
For Other Purposes	**	**	**
Female Total	117.10	16.81	14.36
For Mutton	**	**	**
For Wool	**	**	**
For Breeding	114.26	16.49	14.43
For Other Purposes	**	**	**
Goats			
Male Total	44.98	12.33	27.42
For Meat	6.68	1.70	25.38
For Breeding	35.49	10.98	30.96
For Other Purposes	**	**	**
Female Total	160.31	24.17	15.08
For Meat	4.07	2.01	49.45
For Milk	63.78	16.08	25.21
For Breeding	91.90	12.06	13.13
For Other Purposes	**	**	**

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in benshangul-Gumuz region. 1997/98(1990 EC)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	74.71	9.50	12.72
For Draught	71.37	8.86	12.41
For Beef	0.82	0.26	31.33
For Other Purposes	2.52	1.03	40.97
Female Cattle	102.83	15.19	14.77
For Milk	93.35	13.24	14.18
For Draught	2.29	0.89	38.85
For Beef	0.55	0.24	44.22
For Other Purposes	6.64	2.17	32.74
Sheep			
Male Total	4.39	2.12	48.38
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	**	**	**
For Other Purposes	**	**	**
Female Total	30.58	6.33	20.71
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	29.47	6.15	20.86
For Other Purposes	**	**	**
Goats			
Male Total	13.25	4.97	37.47
For Meat	5.53	2.12	38.40
For Breeding	6.43	2.92	45.37
For Other Purposes	1.30	0.59	45.37
Female Total	60.40	10.72	17.75
For Meat	**	**	**
For Milk	**	**	**
For Breeding	54.43	8.74	16.06
For Other Purposes	**	**	**

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in S.N.N.P region. 1997/98 (1990 E.C)

Sex and Purpose	Number in ('000)	SE in ('000)	CV %
Cattle			
Male Cattle	1349.67	65.39	4.84
For Draught	1196.65	61.28	5.12
For Beef	87.54	16.30	18.62
For Other Purposes	65.48	10.84	16.55
Female Cattle	2732.37	101.08	3.70
For Milk	2439.22	92.18	3.78
For Draught	7.28	1.69	23.14
For Beef	22.14	5.89	26.59
For Other Purposes	263.72	28.84	10.94
Sheep			
Male Total	169.77	23.44	13.81
For Mutton	93.13	17.87	19.19
For Wool	-	-	-
For Breeding	70.98	10.70	15.07
For Other Purposes	5.65	1.97	34.82
Female Total	863.04	71.70	8.31
For Mutton	16.29	6.80	41.77
For Wool	**	**	**
For Breeding	840.47	68.46	8.15
For Other Purposes	5.84	2.60	44.58
Goats			
Male Total	151.49	23.37	15.43
For Meat	70.19	11.98	17.07
For Breeding	78.20	14.61	18.68
For Other Purposes	3.09	0.88	28.34
Female Total	552.98	55.78	10.09
For Meat	9.48	3.91	41.21
For Milk	74.08	26.02	35.13
For Breeding	466.74	36.93	7.91
For Other Purposes	2.68	0.98	36.48

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Gambela region. 1997/98 (1990 E.C)

Sex and Purpose	Numbe ('000)	SE ('000)	CV %
Cattle			
Male Cattle	0.34	0.15	44.70
For Draught	**	**	**
For Beef	**	**	**
For Other Purposes	**	**	**
Female Cattle	7.23	2.18	30.17
For Milk	6.78	2.00	29.50
For Draught	**	**	**
For Beef	**	**	**
For Other Purposes	**	**	**
Sheep			
Male Total	**	**	**
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	**	**	**
For Other Purposes	-	-	-
Female Total	3.43	1.24	36.14
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	3.25	1.25	38.40
For Other Purposes	**	**	**
Goats			
Male Total	**	**	**
For Meat	**	**	**
For Breeding	0.65	0.32	49.54
For Other Purposes	**	**	**
Female Total	2.84	1.06	37.25
For Meat	-	-	-
For Milk	-	-	-
For Breeding	2.84	1.06	37.25
For Other Purposes	-	-	-

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in harari region. 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	6.21	0.52	8.41
For Draught	5.64	0.47	8.35
For Beef	0.36	0.08	23.33
For Other Purposes	0.20	0.10	49.75
Female Cattle	10.14	0.60	5.91
For Milk	9.43	0.51	5.39
For Draught	0.03	0.01	26.67
For Beef	0.03	0.01	28.67
For Other Purposes	0.64	0.17	27.02
Sheep			
Male Total	0.32	0.04	11.63
For Mutton	0.21	0.03	16.23
For Wool	-	-	-
For Breeding	0.10	0.02	20.82
For Other Purposes	0.02	0.01	35.66
Female Total	1.35	0.14	10.13
For Mutton	0.02	0.01	43.56
For Wool	-	-	-
For Breeding	1.33	0.13	10.04
For Other Purposes	-	-	-
Goats			
Male Total	0.97	0.10	9.82
For Meat	0.46	0.07	14.77
For Breeding	0.47	0.08	16.65
For Other Purposes	0.04	0.01	32.24
Female Total	6.93	0.36	5.13
For Meat	0.06	0.01	21.30
For Milk	0.75	0.17	22.52
For Breeding	6.11	0.37	6.06
For Other Purposes	0.02	0.01	45.45

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Addis Ababa region. 1997/98 (1990 E.C)

Sex and Purpose	Number ('000)	SE ('000)	CV %
Cattle			
Male Cattle	9.91	1.41	14.20
For Draught	9.04	1.30	14.42
For Beef	0.39	0.12	30.32
For Other Purposes	0.47	0.20	41.72
Female Cattle	8.36	1.49	17.83
For Milk	7.29	1.25	17.14
For Draught	0.09	0.03	34.94
For Beef	**	**	**
For Other Purposes	0.93	0.38	40.63
Sheep			
Male Total	0.86	0.20	23.55
For Mutton	0.33	0.12	37.59
For Wool	-	-	-
For Breeding	0.53	0.17	31.82
For Other Purposes	-	-	-
Female Total	3.80	0.69	18.07
For Mutton	**	**	**
For Wool	**	**	**
For Breeding	3.74	0.68	18.08
For Other Purposes	-	-	-
Goats			
Male Total	0.48	0.11	23.92
For Meat	0.19	0.06	34.35
For Breeding	0.27	0.09	33.03
For Other Purposes	**	**	**
Female Total	1.56	0.29	18.85
For Meat	**	**	**
For Milk	-	-	-
For Breeding	1.53	0.29	18.86
For Other Purposes	**	**	**

Estimated number of Cattle aged three years and over and under ten years, Sheep and Goats aged two years and over, by sex and purpose, standard error and coefficient of variation for private holdings in Dire Dawa region. 1997/98 (1990 E.C)

Sex and Purpose	Number in ('000)	SE in ('000)	CV %
Cattle			
Male Cattle	4.64	0.70	15.07
For Draught	3.75	0.45	12.06
For Beef	**	**	**
For Other Purposes	**	**	**
Female Cattle	17.86	1.68	9.38
For Milk	17.32	1.66	9.58
For Draught	**	**	**
For Beef	**	**	**
For Other Purposes	0.33	0.13	38.92
Sheep			
Male Total	1.67	0.52	31.01
For Mutton	0.67	0.28	41.79
For Wool	-	-	-
For Breeding	0.86	0.42	48.56
For Other Purposes	**	**	**
Female Total	12.61	1.75	13.90
For Mutton	**	**	**
For Wool	-	-	-
For Breeding	12.59	1.75	13.94
For Other Purposes	-	-	-
Goats			
Male Total	2.99	0.68	22.84
For Meat	1.13	0.49	43.31
For Breeding	1.61	0.43	26.90
For Other Purposes	**	**	**
Female Total	33.96	3.22	9.48
For Meat	**	**	**
For Milk	2.12	0.91	42.79
For Breeding	31.78	3.13	9.86
For Other Purposes	**	**	**