

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

**AGRICULTURAL SAMPLE SURVEY
2006/07 [1999 E.C.]**

VOLUME II

**REPORT ON
LIVESTOCK AND LIVESTOCK CHARACTERISTICS
(PRIVATE PEASANT HOLDINGS)**



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Abbreviations

CSA	-	Central Statistical Agency
CV	-	Coefficient of Variation
E.C.	-	Ethiopian Calendar
EA	-	Enumeration Area
NA	-	Not Available
SE	-	Standard Error
SNNP	-	Southern Nation Nationalities and People's Region

CHAPTER I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

Ethiopia is believed to have the largest livestock population in Africa. This livestock sector has been contributing considerable portion to the economy of the country, and still promising to rally round the economic development of the country. It is eminent that livestock products and by-products in the form of meat, milk, honey, eggs, cheese, and butter supply the needed animal protein that contribute to the improvement of the nutritional status of the people. Livestock also plays an important role in providing export commodities, such as live animals, hides, and skins to earn foreign exchanges to the country. On the other hand, draught animals provide power for the cultivation of the smallholdings and for crop threshing virtually all over the country and are also essential modes of transport to take holders and their families long-distances, to convey their agricultural products to the market places and bring back their domestic necessities. Livestock as well confer a certain degree of security in times of crop failure, as they are a “near-cash” capital stock. Furthermore, livestock provides farmyard manure that is commonly applied to improve soil fertility and also used as a source of energy.

Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2006/07 Annual Agricultural Sample Survey was also

conducted to produce these same data so as to keep hold of continuity and update users in general.

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2006 or Hidar 1, 1999 E.C.) and reference period (November 11, 2005 to November 10, 2006 or Hidar 2, 1998 E.C. to Hidar 1, 1999 E.C.). The report comprises the results obtained from the livestock survey as well as brief discussions made on the results. The survey results at regional and zonal levels for the usual sedentary rural areas are presented in Statistical Tables 3.1 - 3.30 whilst results for resettlement areas are obtainable from Statistical Tables 4.1 - 4.15. The standard errors (SE) and coefficients of variation (CV) are given in Annex Tables 1 – 10, for some variables.

1.2 OBJECTIVES OF THE SURVEY

The general objective of the livestock survey is to produce data that could be used for development planning and policy formulation regarding the sector, and the specific objectives are to purvey quantitative information on the size and characteristics of livestock in rural sedentary areas at zonal level. In order to meet these objectives, data on: livestock number by type, age, sex, purpose and breed; livestock products particularly milk, egg, and honey; livestock diseases and vaccination; and animal feed were collected from sampled agricultural households in rural sedentary areas (including resettlements).

CHAPTER II

SURVEY METHODOLOGY AND OPERATIONS

2.1 COVERAGE

The 2006/07 (1999 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except all zones of Gambella Region, and the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,117 enumeration areas (EAs) and 250 resettlement localities were selected. However, due to various reasons that are beyond control, in 23 EAs and 2 resettlement locality the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,094 EAs and 248 resettlement localities (98.94%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA / resettlement locality. Regarding the ultimate sampling units, it was intended to cover a total of 71,010 agricultural households, however, 69,809 (98.31%) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective agricultural households obtained from the 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) was used as the sampling frame in order to select EAs (Primary sampling units for non-resettlement areas). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The list of all resettlement localities of each region, which is obtained from regional administrative records, is also used to select resettlement localities (primary sampling units for resettlement areas) from each region. Second stage sampling units, households, on the other hand, were selected from a fresh list of households that were prepared for each EA / resettlement locality at the beginning of the survey.

2.3 SAMPLE DESIGN

A two stage stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were enumeration areas/resettlement localities and second stage sampling units were households. Except Harari, Addis Ababa and Dire Dawa, where each region as a whole is considered to be the domain of estimation, every zone/special wereda of a region was adopted as a stratum for which major findings of the survey are reported.

2.4 SELECTION SCHEME

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. With regard to resettlement localities, the survey covered about 93 % of the localities found in the country. As a result, for resettlement localities constituting very few numbers of households (below 30) no chance of inclusion is given purposefully. Consequently, selection of required number of localities from the rest of localities is accomplished on the basis of equal probability. Within each sample EA/resettlement locality 30 agricultural households were selected systematically from the fresh list of households prepared at the beginning of the survey.

Distribution of sampling units (sampled and covered EAs and resettlement localities) by stratum is also presented in Appendix-I. Except differences in weighting mechanism, the procedure for producing estimates for resettlement areas is more or less similar to those of non-resettlement areas. Therefore, only estimation procedures of different estimates for non-resettlement areas are provided in the appendix II. Estimates of Standard Errors and Coefficient of Variations for selected estimates are also presented in the *Annex Tables 1-10*.

2.5 BASIC CONCEPTS AND DEFINITIONS

It is thought essential that the definitions used for some key terms in the survey should be laid open and these are given 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 persons 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 takes the major decision regarding the utilization of the available resources. He also 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 right to determine the utilization of the products.

Holding: A holding is all the land and/or 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 Animal: For this survey, it refers to animals that are engaged in activities such as ploughing, threshing... etc.

Dairy Cow: Refers 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.

Milking Cow: Refers to cows actually milked during the year, Nov 11, 2004 to Nov 10, 2005.

Meat Animals: Cattle, sheep, goats, and camels reared only for meat either for home consumption and/or for sale, are defined as meat animals.

Laying Hens: Refer to all hens and pullets of all types that laid eggs during the reference period, Nov 11, 2005 to Nov 10, 2006.

Other Purposes: Cattle which participate in activities such as transporting and the like 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 other purposes other than breeding, wool, meat, and milk production are included in this category.

2.6 FIELD ORGANIZATION

The entire 25 Branch Statistical Offices of the CSA participated in the survey undertaking, especially in organizing the second stage training, in deploying the field staff to their respective sites of assignment, and retrieving completed questionnaires and submitting them to the head office for data processing. They were also responsible in administering the financial and logistic aspect of the survey within the areas of their assignment. In the data collection, enumerators and field supervisors were involved with an average supervisor-enumerator ratio of 1 to 5. To accomplish the data collection operation, all the enumerators were supplied with the necessary survey equipment at the completion of the training. To assist the data collection activities in deployment, supervision, and retrieval of completed questionnaires, reasonably adequate four-wheel vehicles were used.

2.7 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. The training was given for about twelve days at CSA's headquarters in Addis Ababa. Many of these personnel trained in the first-stage conducted similar training for field supervisors and enumerators for about three weeks in branch offices, which are distributed around the country. During the second-stage training, the field staff were given detailed classroom instruction on the objectives and uses of the survey, concepts and definitions of terms used, interviewing procedures, how to fill questionnaires, ...etc. The enumerators' training also includes a field practice to strengthen the concepts discussed in the classroom.

2.8 METHOD OF DATA COLLECTION

In each selected site, a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified

agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was Nov.10, 2006 (Hidar 1/1999 E.C.).

2.9 DATA PROCESSING

2.9.1 Editing, Coding, and Verification

The editing and coding instruction manuals were prepared, and intensive training was given to the editor-coders. Those trained editors-coders were accomplished the editing and coding tasks. In due course, professional staff members were assigned to facilitate the editing and coding activities and the edited and coded questionnaires were verified by statistical technicians as well as by professionals.

2.9.2 Data Entry, Cleaning, and Processing

The data were entered in personal computers by data encoders using IMPS (Integrated Microcomputer Processing System) software. Then the data were checked and cleaned by regular staff members. Finally, the data processing activity was also done by personal computers (PCs) to produce results that were indicated in the tabulation plan.

CHAPTER III SUMMARY OF THE SURVEY RESULTS

3.1 LIVESTOCK NUMBER BY BREED, AGE, SEX, AND PURPOSE

The 2006/07 livestock survey has covered the rural sedentary areas of the country (including resettlements) on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 2006), irrespective of ownership, were recorded by interviewing each holder within the selected agricultural households in the sampled enumeration areas of the country. The numbers also include the livestock belonging to the holding but temporarily away or in transit at the time of the enumeration.

3.1.1 Cattle Population

The estimates of cattle for the rural sedentary areas at country level are presented in Summary Table III.1. As shown on the table, the total cattle population for the country is estimated to be 43.12 million. Out of this total cattle population, the female cattle constitute about 55.41 percent and the remaining 44.59 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63 percent) is in the 3 years and less than 10 years age category, with about 36 percent female and about 27 percent male. Moreover, about 33.4 percent are less than three years and those with age category 10 years and over took small portion i.e. 3.23 percent of the total estimated number of cattle population (also see Fig III.1).

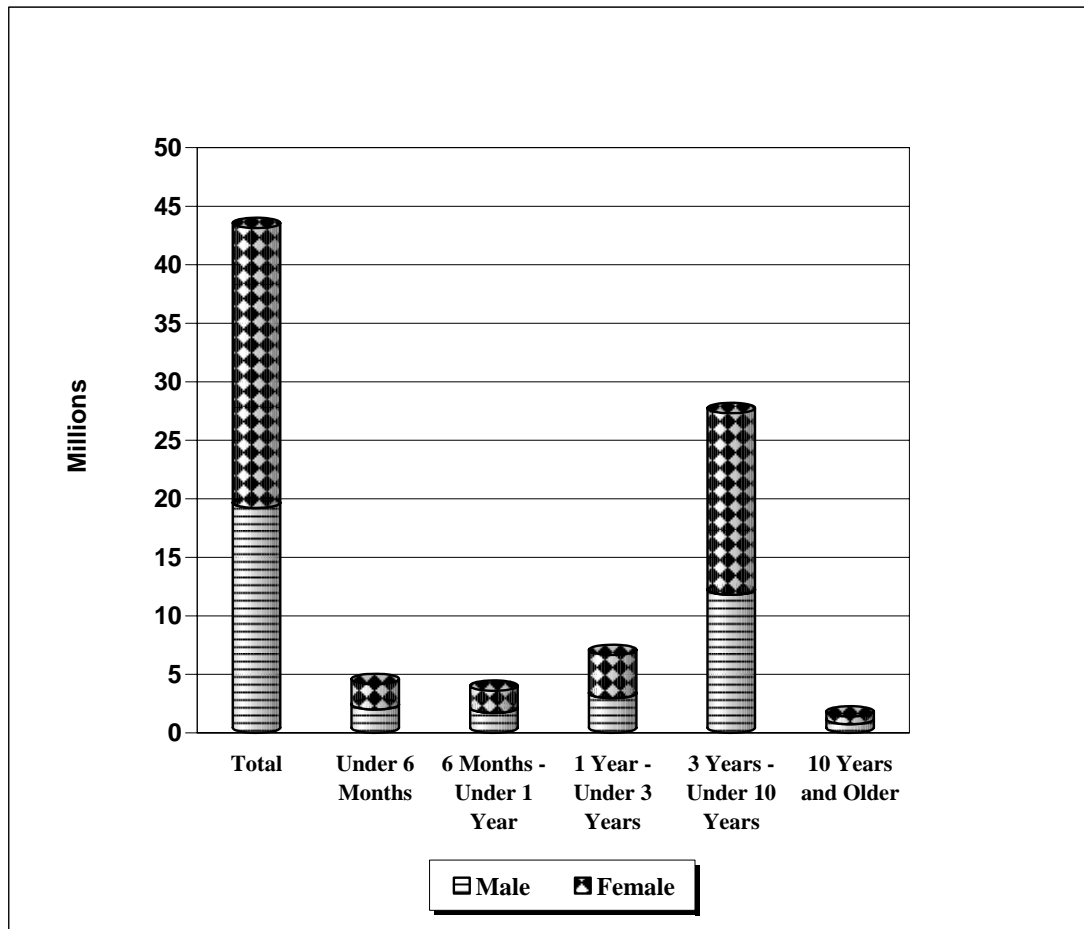
On the other hand, the results obtained indicated that 99.35 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.58 percent and 0.07 percent, respectively. Moreover,

distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 24.94 percent and the percentage share of beef cattle is the lowest that is about 0.72 percent. Beef cattle here refer to all cattle reared exclusively for meat that is used either for home consumption or for sale.

SUMMARY TABLE III.1: Estimated Number of Cattle by Sex, Age, Breed, and Purpose, Ethiopia - 2006/07

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total	43,124,582	100	19,229,961	44.59	23,894,621	55.41
Under 6 months	4,165,955	9.66	2,005,072	4.65	2,160,883	5.01
6 months - under 1 year	3,597,574	8.34	1,706,860	3.96	1,890,714	4.38
1 year – under 3 years	6,656,226	15.43	2,968,480	6.88	3,687,746	8.55
3 years – under 10 years.....	27,312,201	63.33	11,802,218	27.37	15,509,984	35.97
10 years and older	1,392,626	3.23	747,333	1.73	645,294	1.5
Cattle by Breed						
Total	43,124,582	100	19,229,961	44.59	23,894,621	55.41
Indigenous	42,844,801	99.35	19,120,787	44.34	23,724,014	55.01
Hybrid.....	249,109	0.58	97,766	0.23	151,344	0.35
Exotic.....	30,672	0.07	11,408	0.03	19,263	0.04
Aged 3 – 10 Years by Purpose						
Total	27,312,201	63.33	11,802,218	27.37	15,509,984	35.97
Used for Milk	6,314,638	14.64			6,314,638	14.64
Used for Draught.....	10,756,027	24.94	10,643,560	24.68	112,467	0.26
Used for Beef	308,900	0.72	241,785	0.56	67,115	0.16
Used for Breeding	8,404,987	19.49	439,071	1.02	7,965,916	18.47
Used for Other	1,527,650	3.54	477,802	1.11	1,049,848	2.43
Dairy Animals						
Dairy Cows.....	6,314,638	14.64			6,314,638	14.64
Milking Cows.....	9,113,467	21.13			9,113,467	21.13

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



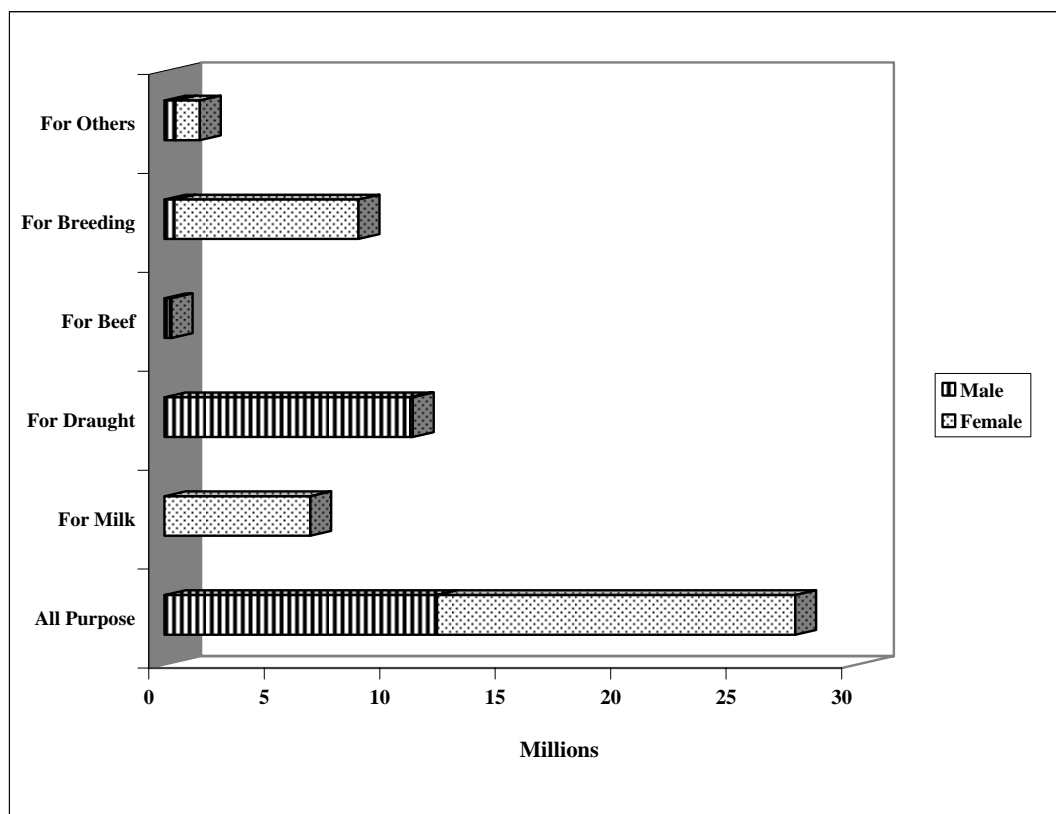
Dairy-cows¹ are estimated to be around 6.31 million and milking-cows² are 9.11 million heads during the reference period.

Moreover, cattle population by sex, age, breed, and purpose are presented for each region and each zone in the Statistical Tables given at the end of this chapter.

¹A Dairy Cow refers to a cow that is primarily kept for milk and has been milked previously or was being milked at the time of enumeration or has never been milked before but expected to be milked in the future or pregnant at the time of enumeration.

²A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2005 to Nov. 10, 2006).

FIGURE III.2 - DISTRIBUTION OF CATTLE AGED 3 AND LESS THAN 10 YEARS BY PURPOSE, AND SEX



3.1.2 Sheep And Goat Populations

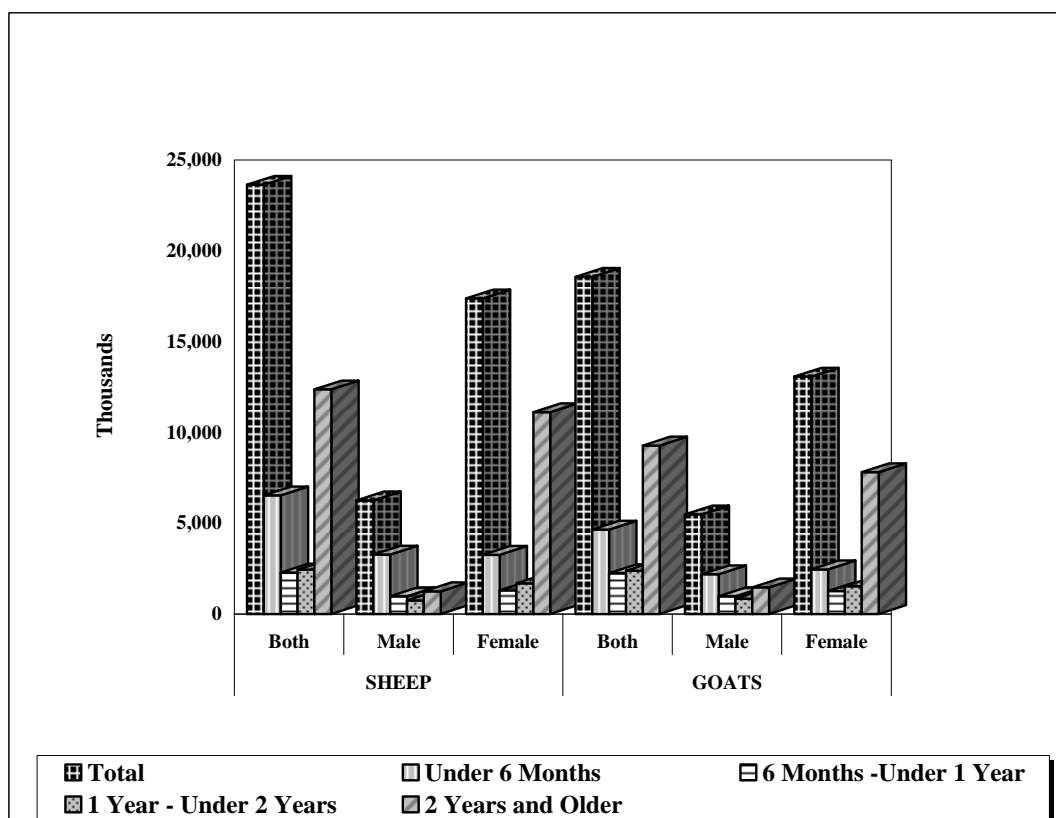
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary and resettlement areas of the country are given in Summary Table III.2. As pointed out in this table, about 23.63 million sheep are estimated to be found in the country, out of which about 74 percent are females, and about 26 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 18.56 million. Out of these total goats, 70 percent are females and 30 percent are males (see Summary Table III. 2 and Fig. III. 3).

**SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed,
and Purpose, Ethiopia - 2006/07**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep.....	23,633,010	100	6,257,277	26.48	17,375,733	73.52
Under 6 months.....	6,536,556	27.66	3,273,472	13.85	3,263,084	13.81
6 months - under 1 year.....	2,284,396	9.67	980,391	4.15	1,304,005	5.52
1 year - under 2 years.....	2,445,777	10.35	750,457	3.18	1,695,320	7.17
2 years and older.....	12,366,280	52.33	1,252,956	5.3	11,113,324	47.02
Sheep by Breed						
Total.....	23,633,010	100	6,257,277	26.48	17,375,733	73.52
Indigenous.....	23,616,870	99.93	6,249,650	26.44	17,367,220	73.49
Hybrid.....	10,995	0.05	4,899	0.02	6,096	0.03
Exotic.....	5,145	0.02	2,727	0.01	2,418	0.01
Sheep Aged 2 Years and Older by Purpose						
Total.....	12,366,280	52.33	1,252,956	5.3	11,113,324	47.02
Used for Mutton.....	530,467	2.24	470,004	1.99	60,464	0.26
Used for Wool.....	88,990	0.38	13,696	0.06	75,294	0.32
Used for Breeding.....	11,624,586	49.19	702,215	2.97	10,922,371	46.22
Used for Other.....	122,237	0.52	67,041	0.28	55,196	0.23
Total Goats.....	18,559,730	100	5,487,055	29.56	13,072,675	70.44
Under 6 months...	4,648,322	25.05	2,191,546	11.81	2,456,776	13.24
6 months - under 1 year.....	2,250,760	12.13	979,809	5.28	1,270,951	6.85
1 year - under 2 years.....	2,382,890	12.84	845,556	4.56	1,537,334	8.28
2 years and older.....	9,277,757	49.99	1,470,144	7.92	7,807,613	42.07
Goats by Breed						
Total.....	18,559,730	100	5,487,055	29.56	13,072,675	70.44
Indigenous.....	18,557,279	99.99	5,486,512	29.56	13,070,767	70.43
Hybrid.....	1,905	0.01	*	*	1,436	0.01
Exotic.....	*	*	74	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total.....	9,277,757	49.99	1,470,144	7.92	7,807,613	42.07
Used for Milk.....	582,855	3.14			582,855	3.14
Used for Meat.....	601,381	3.24	560,030	3.02	41,351	0.22
Used for Breeding.....	8,002,108	43.12	859,845	4.63	7,142,263	38.48
Used for Other.....	91,414	0.49	50,269	0.27	41,144	0.22

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (52 percent and 50 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 28 percent and 25 percent, correspondingly (see Figure III.3).

FIGURE III.3 DISTRIBUTION OF SHEEP AND GOATS BY AGE AND SEX



With respect to breed, almost all of the sheep and the goats are indigenous (99.93 percent and 99.99 percent, respectively).

Summary Table III.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the country. The percentages of both sheep and goats kept for mutton and meat are significantly higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (52% of the total sheep), 49.2 percent are kept for breeding; about two percent for mutton and less than one percent of them were kept for wool production. Likewise, amid the goat population aged two years and older (50% of the total), goats kept for breeding accounted for about 43.1 percent while goats kept for meat accounted for about 3.24 percent. The number of female goats kept for milk at country level is estimated to be about 583 thousand, which is 3.14 percent of the total goats (see Figures III.4 and III.5).

FIGURE III.4 DISTRIBUTION OF SHEEP AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE

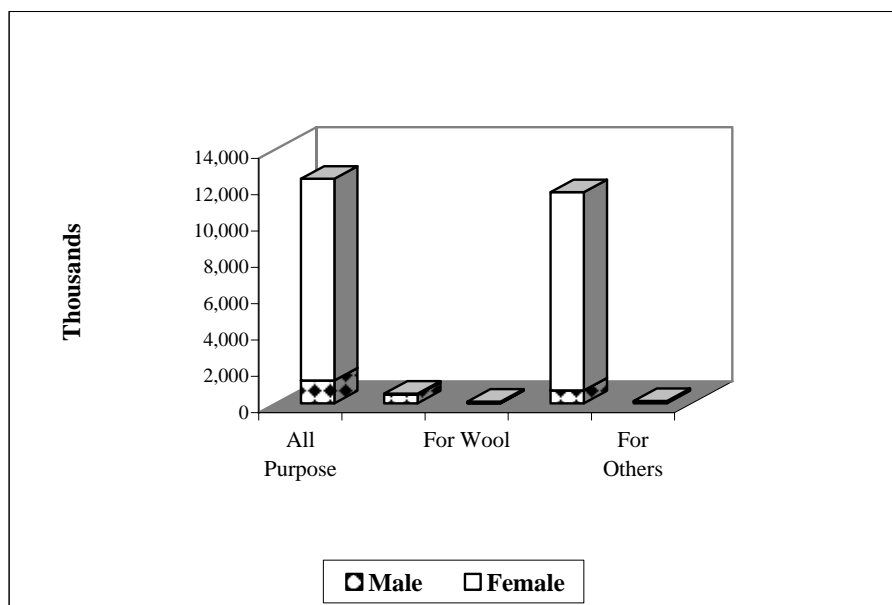
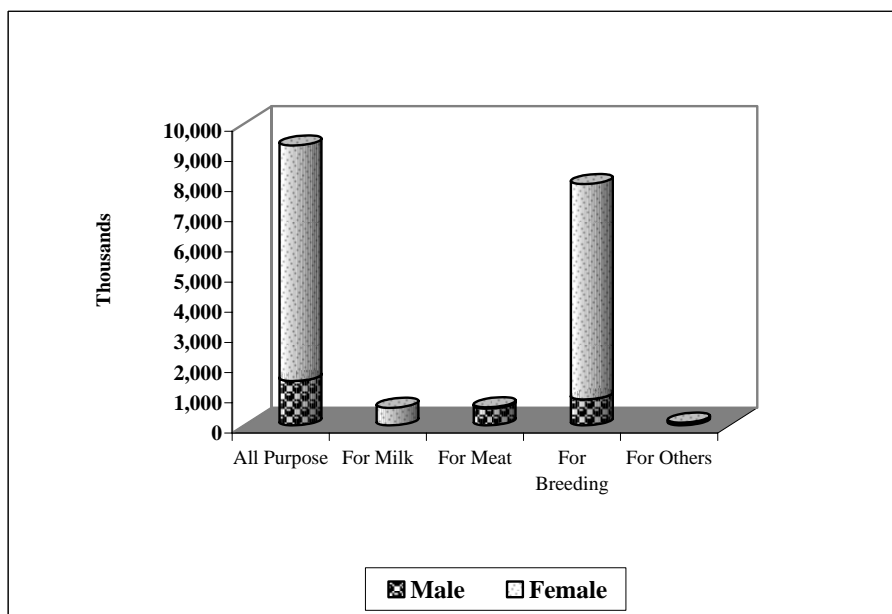


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



The numbers and percentage distributions of sheep and goats at regional level are given in the *Statistical Tables* and look at also Figure III.9.

3.1.3 Horse, Donkey, Mule And Camel Populations

Summary Table III.3 shows the estimates of horses, donkeys, mules, and camels for the rural sedentary areas of the country for private holdings. As per the survey results, there are about 1.66 million horses, 4.5 million donkeys, 0.33 million mules, and 0.62 million camels in the sedentary areas of the country.

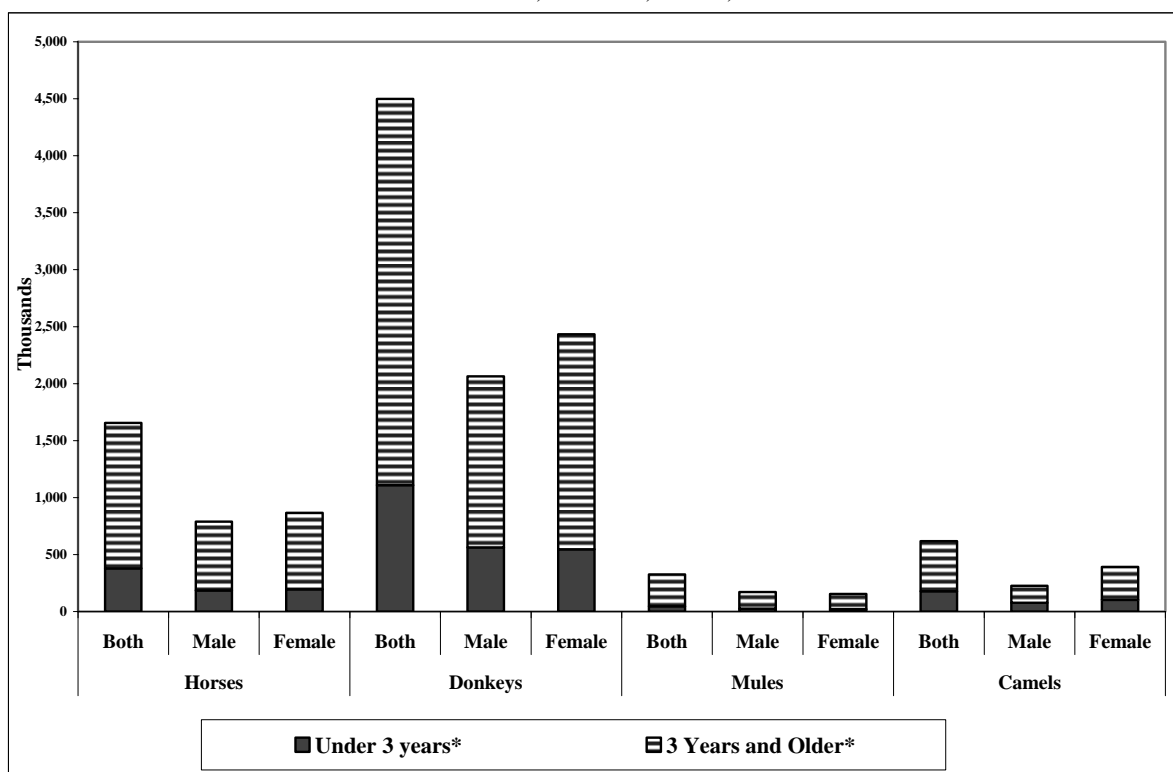
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 54 percent are females and the remaining 46 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 71 percent of the camels are of the age group 4 years and older.

The estimates of these animals by purpose are also given in Summary Table III.3. Among the horses aged 3 years and older, about 0.91 million were used for transportation, 0.13 million were for draught and the remaining 0.23 million were used for other purposes. With regard to donkeys, about 2.56 million were used for transportation whereas about 0.67 million and 0.16 million were used for draught and other purposes, respectively.

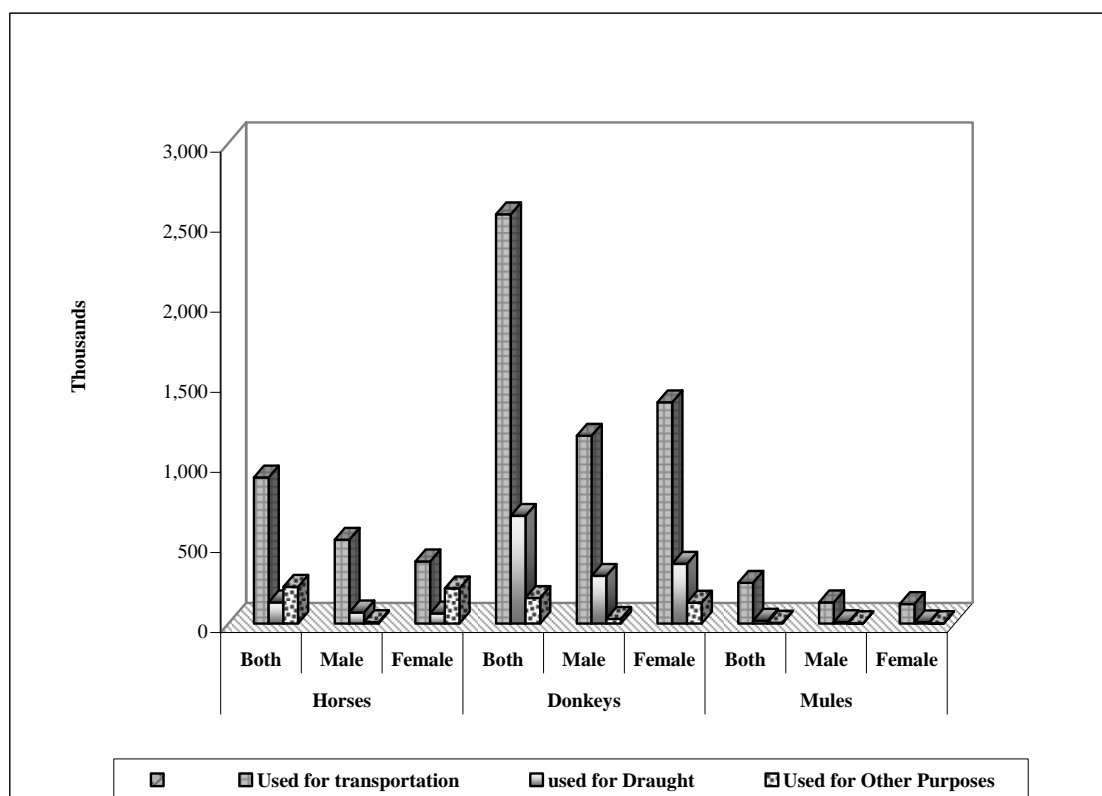
**SUMMARY TABLE III.3: Estimated Numbers of Horses, Donkeys, Mules,
and Camels by Sex, Age, and Purpose, Ethiopia - 2006/07**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses.....	1,655,383	100	789,545	47.7	865,838	52.3
Under 3 Years	379,142	22.9	185,372	11.2	193,770	11.71
3 years and older	1,276,241	77.1	604,173	36.5	672,067	40.6
Horses Aged 3 Years and Older by Purpose						
All Uses	1,276,241	77.1	604,173	36.5	672,067	40.6
Transportation	913,049	55.16	524,312	31.67	388,737	23.48
Draught	133,020	8.04	69,788	4.22	63,232	3.82
Other Uses	230,172	13.9	10,074	0.61	220,098	13.3
Total Donkeys.....	4,498,385	100	2,064,801	45.9	2,433,583	54.1
Under 3 Years...	1,109,814	24.67	563,639	12.53	546,175	12.14
3 years and older	3,388,571	75.33	1,501,163	33.37	1,887,408	41.96
Donkeys Aged 3 Years and Older by Purpose						
All Uses	3,388,571	75.33	1,501,163	33.37	1,887,408	41.96
Transportation	2,555,437	56.81	1,173,291	26.08	1,382,146	30.73
Draught	672,599	14.95	298,497	6.64	374,103	8.32
Other Uses	160,534	3.57	29,375	0.65	131,159	2.92
Total Mules.....	325,700	100	170,325	52.3	155,375	47.7
Under 3 Years	46,418	14.25	24,845	7.63	21,573	6.62
3 years and older	279,282	85.75	145,480	44.67	133,802	41.08
Mules Aged 3 Years and Older by Purpose						
All Uses	279,282	85.75	145,480	44.67	133,802	41.08
Transportation	254,774	78.22	132,669	40.73	122,106	37.49
Draught	18,407	5.65	9,805	3.01	8,603	2.64
Other Uses	6,101	1.87	3,007	0.92	3,094	0.95
Total Camels.....	616,396	100	225,024	36.51	391,372	63.49
Under 4 Years	177,454	28.79	75,369	12.23	102,085	16.56
4 years and older	438,942	71.21	149,654	24.28	289,288	46.93
Camels Aged 4 Years and Older by Purpose						
All Uses	438,942	71.21	149,654	24.28	289,288	46.93
Meat	4,907	0.80	4,413	0.72	*	*
Milk.....	207,996	33.74			207,996	33.74
Transportation	146,351	23.74	126,105	20.46	20,246	3.28
Draught	6,562	1.06	5,928	0.96	*	*
Other Uses	73,126	11.86	13,207	2.14	59,919	9.72

FIGURE III.6 DISTRIBUTION OF HORSES, DONKEYS, MULES, AND CAMELS BY AGE AND SEX

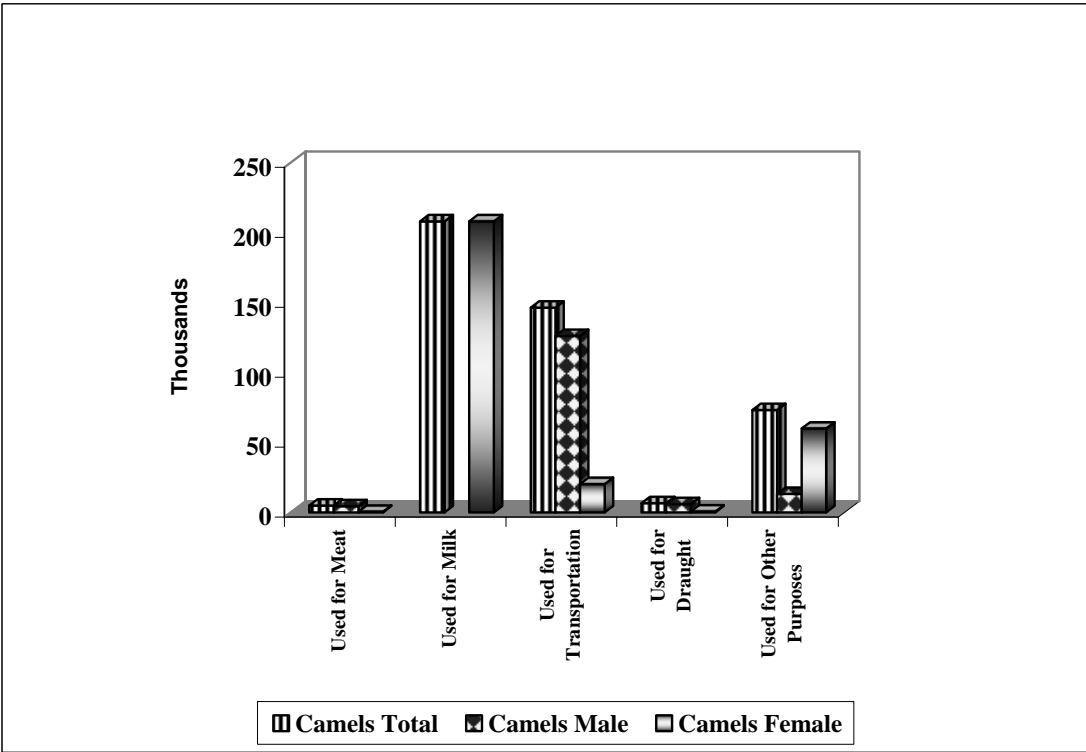


* Note that for camels the 'Age Categories' are under 4 years and 4 years & older
FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX



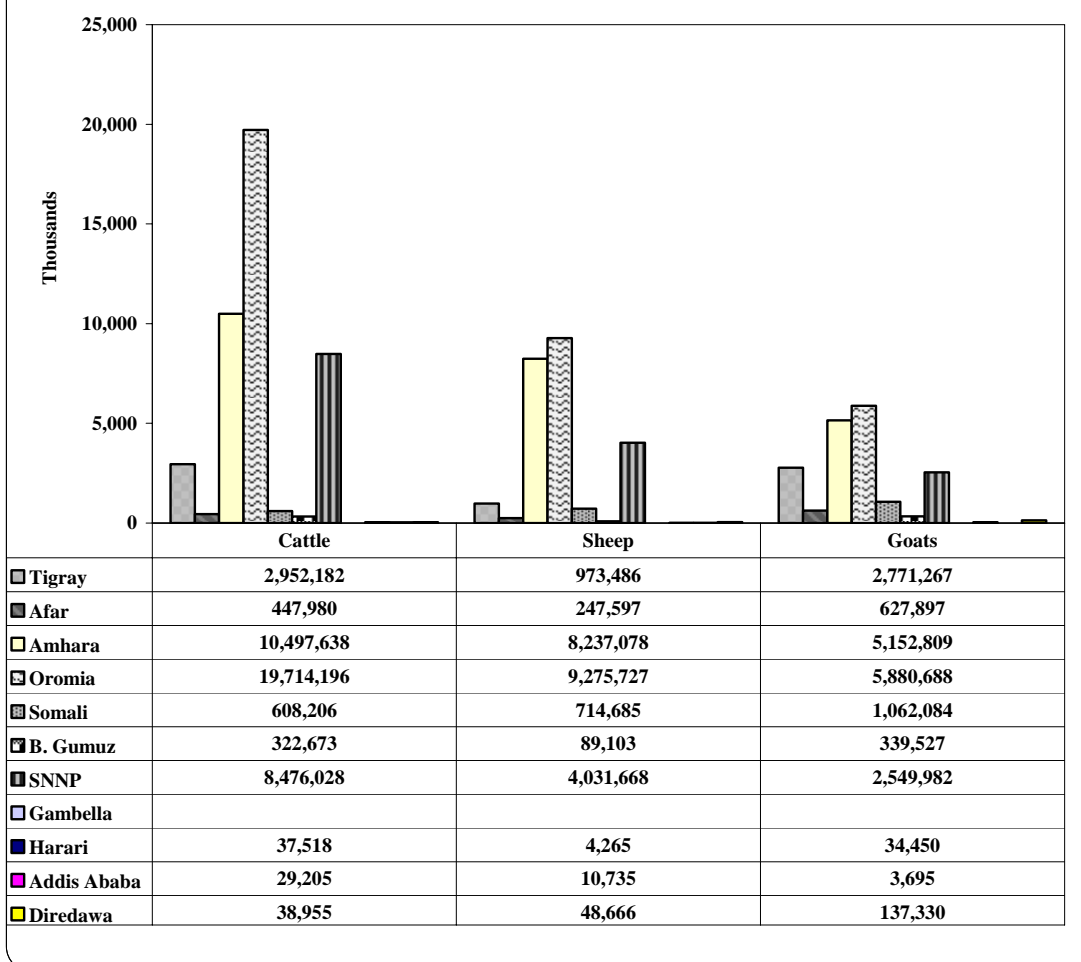
Considering the purpose of the mules, the data shows that the predominance (78%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 33.74 percent of the camels reported were kept for milk, 23.74 percent were for transportation, and only 1.06 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 4.9 thousand heads (see also Figures III.6 to III.8).

FIGURE III.8 DISTRIBUTION OF CAMELS BY PURPOSE AND SEX



For the regional and zonal distributions of draught animals refer to the statistical tables presented at the end of this chapter and Figure III.9.

FIGURE III.9 DISTRIBUTION OF MAJOR LIVESTOCK TYPES BY REGION



Remark: Gambella Region was not covered due to security reasons.

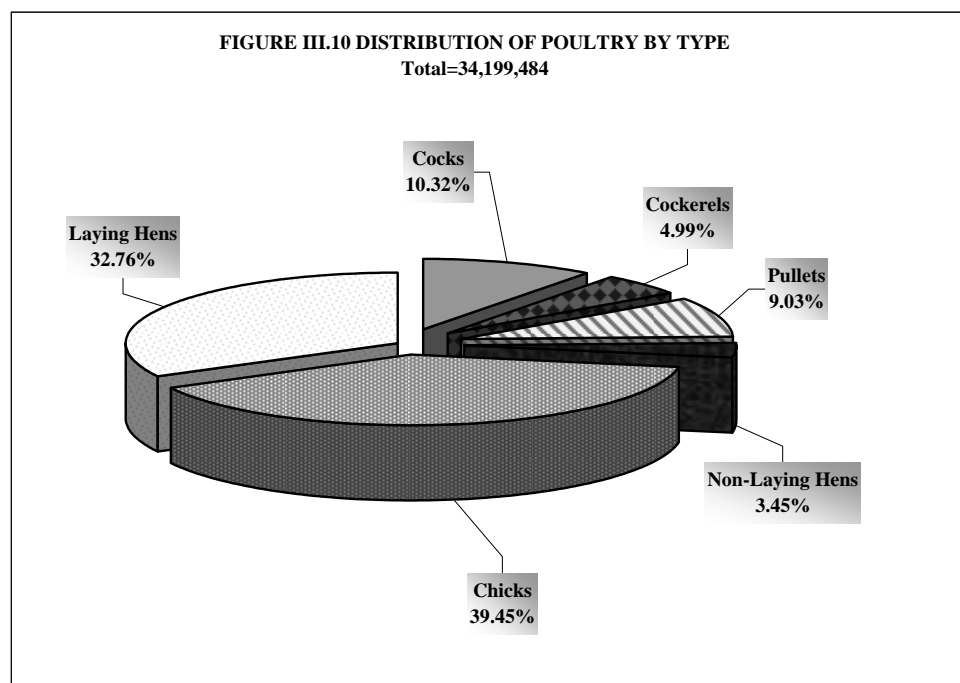
3.1.4 Poultry Population

Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 34.2 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (39.45 percent), followed by laying hens (32.76 percent). Pullets are estimated to be 3.09 million in the country. Cocks and cockerels are also estimated separately, and are

3.53 million and 1.71 million, respectively. The others are non-laying hens that make up about 3.45 percent (1.18 million) of the total poultry population in the country. With regard to breed, 95.44 percent, 3.92 percent and 0.64 percent of the total poultry were reported to be indigenous, hybrid and exotic, respectively. For the regional and zonal distributions of poultry refer to the statistical tables presented at the end of this chapter.

SUMMARY TABLE III.4: Estimated Number of Poultry by Type and Breed,
Ethiopia - 2006/07

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry	34,199,484	100	32,641,340	95.44	1,339,895	3.92	218,249	0.64
Cocks	3,528,237	10.32	3,360,038	9.82	138,888	0.41	29,311	0.09
Cockerels	1,705,579	4.99	1,629,499	4.76	66,162	0.19	9,918	0.03
Pullets	3,087,809	9.03	2,957,739	8.65	115,194	0.34	14,876	0.04
Non-Laying Hens	1,181,256	3.45	1,132,635	3.31	40,640	0.12	7,981	0.02
Chicks	13,491,355	39.45	13,046,129	38.15	432,279	1.26	12,947	0.04
Laying Hens.....	11,205,247	32.76	10,515,300	30.75	546,732	1.6	143,216	0.42



3.1.5 Beehive Population

Information on beehives was also collected during the livestock survey. As stated by the Ministry of Agriculture, there are three types of beehives, and these are traditional, intermediate, and modern.

Traditional [Fixed comb] Hive is a hollow structure made of cheap materials like clay, straw, bamboo, false banana leaves, logs, barks of tree, and animal dung. The bees fill all the available space with honeycombs from the top to down wards. The honeycombs cannot be removed since they are attached to the top and the sides of the hive. The honey can be removed only by removing one wall of the hive and breaking or cutting out the honeycomb (Reihard Fichtl and Admasu, 1994; Gezahegn Taddesse, 1993 E.C.).

Intermediate [Transitional] Hive is a long trough-shaped box with sloping sidewalls covered with bars of a fixed width. The hive consists of a bottom board, two sidewalls and front and back walls. One opening is made in the front wall to serve as flight entrance. The cover of the hive can be made from any material, which gives adequate protection against light, sun, and rain (Gezahegn Taddesse, 1993 E.C.; P.Seegeren et al, 1996).

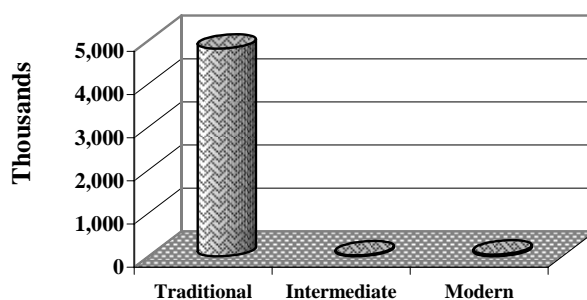
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept separately at the right distance by means of side bar, or nails. Queen excluder (not necessary) placed horizontally on top of the brood chamber (Gezahegn Taddesse, 1993 E.C.; P.Seegeren et al, 1996).

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 11, 2005 to November 10, 2006). Accordingly, the result of the survey revealed that a total of about 4.88 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (98.6 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,
Ethiopia - 2006/07

Type of Beehive	Number	%
All Beehives	4,884,468	100
Traditional Beehives	4,815,935	98.6
Intermediate Beehives	24,842	0.51
Modern Beehives.....	43,692	0.89

FIGURE III.11 DISTRIBUTION OF BEEHIVES BY TYPE
Total=4,884,468



For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

3.2 NUMBERS OF BIRTHS, PURCHASES, AND ACQUIRED ANIMALS BY TYPE (ACQUISITION)

According to the survey result, about 47 million chickens, 11 million sheep, 8.4 million cattle and 8 million goats were born during the reference period in the rural sedentary and settlement areas of the country. Females accounted for the greater portions of most of the newly born animals (see Summary Table III.6).

With regard to other acquisitions, households have purchased about 14.8 million animals (either to build their stock or for some other reasons) and acquired about 1.55 million animals through gifts or any other means during the reference period (see Summary Table III.6).

SUMMARY TABLE III.6 Estimated Numbers of Births, Purchases, and Acquired Animals by Type during the Reference Period, Ethiopia - 2006/07

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	8,367,564	4,028,501	4,339,063	2,943,942	1,738,793	1,205,149	554,985	228,685	326,299
Sheep.....	10,549,084	5,029,580	5,519,504	3,328,177	1,466,543	1,861,634	404,323	73,750	330,573
Goats	8,014,049	3,652,388	4,361,661	1,635,220	521,349	1,113,872	204,950	38,515	166,435
Horses	171,508	84,880	86,628	178,193	96,019	82,174	15,142	3,614	11,527
Donkeys	425,443	229,336	196,108	407,744	239,701	168,043	17,343	7,639	9,704
Mules.....	11,912	5,266	6,646	49,194	25,197	23,998	1,157	*	*
Camels.....	84,143	32,574	51,569	27,273	24,163	3,109	2,119	881	*
Poultry	47,138,378	22,322,888	24,815,489	6,260,703	2,710,846	3,549,857	347,185	90,082	257,103

3.3 NUMBERS OF SALES, SLAUGHTERS, DEATHS, AND OFFERINGS BY TYPE (ATTENUATION)

The estimated numbers of sales, slaughters, deaths and offered animals are indicated in Summary Table III.7. About 8.37 million chickens, 4.8 million sheep, 3.7 million cattle and 2.8 goats were sold and about 13.29 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 45 million animals and households have also offered about 1.17 million animals to their relatives or others as gifts.

SUMMARY TABLE III.7 Estimated Numbers of Sales, Slaughters, Deaths, and Offerings by Type during the Reference Period, Ethiopia - 2006/07

Type of Livestock	Number of Sales			Number of Slaughters			Number of Deaths*			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	3,694,899	2,275,937	1,418,963	308,789	170,309	138,480	3,250,943	1,403,641	1,847,303	400,882	172,127	228,755
Sheep	4,813,645	2,578,928	2,234,717	2,374,273	1,820,182	554,091	4,558,277	1,502,995	3,055,282	246,102	57,924	188,178
Goats	2,843,249	1,474,796	1,368,453	1,242,315	870,160	372,155	4,010,748	1,435,549	2,575,199	187,522	52,228	135,294
Horses	121,653	75,334	46,319				156,628	64,761	91,868	12,612	3,907	8,705
Donkeys	227,446	133,226	94,220				284,295	138,054	146,241	11,309	3,835	7,475
Mules	27,788	13,524	14,264				20,084	8,906	11,178	969	*	*
Camels	37,442	31,796	5,646	6,760	3,671	3,089	51,865	18,226	33,639	*	*	*
Poultry	8,365,743	4,514,471	3,851,272	9,359,565	5,677,168	3,682,397	32,752,692	14,477,074	18,275,618	312,289	103,608	208,681

* Includes animals that died from diseases and other causes

3.4 LIVESTOCK PRODUCTS

This section summarizes results on livestock products at country level. The various animal products include milk and milk products, eggs, wool, meat, hides and skins. Although data on such livestock products are not easily obtainable in the Ethiopian traditional agricultural sector, an endeavor was made to collect data on milk and honey productions. The data were collected subjectively from the holders in the sampled households and the results obtained are briefly discussed below.

3.4.1 Milk Production

Estimation of milk production entails three components, namely number of milking cows, number of months milking cows actually milked within the reference period and average milk production per cow per day. Hence, data on these components have been collected and the total milk production in the sedentary areas of the country is estimated by multiplying these three components. However, two basic concepts about milk production should be mentioned here. “Gross production”, which includes whole fresh milk actually milked and milk sucked by young animals and also milk fed to other animals. “Net production” consists of whole milk actually milked and milk fed to other animals but excludes milk sucked by young animals. Therefore, in the case of this survey, milk production is estimated based on the concept of “net production”, and as indicated in Summary Table III.8, the estimate of total cow milk production for the rural sedentary and resettlement areas of the country during the reference period, is about 2.63 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 114.18 million liters.

Data on lactation period and average milk yield per cow per day were also collected. As a result, the average lactation period per cow during the reference period at country level is estimated to be about *six* months, and average milk yield per cow per day is about 1.437 liters. With regard to camel, the average lactation period is about *ten* months whereas the average daily milk yield is about 3.403 liters in the sedentary areas of the country.

3.4.2 Honey Production

To estimate honey production, number of hives, frequency of honey production and honey production per harvest are required. Therefore, these data were collected from the holders within sampled households in the rural sedentary areas of the country. As a result, the estimate of total honey production is about 51.25 million kilograms of which the greater portion is harvested from traditional hives (see Summary Table III.8).

As can be seen from the survey data, honey was harvested on average 1.48, 1.58, and 1.62 times during the reference period from traditional, intermediate and modern hives, respectively (see Summary Table III.8).

3.4.3 Egg Production

To estimate egg production, the average number egg laying periods per hen per annum, length of a single egg-laying period per hen, and average number of eggs laid per hen per egg-laying period are required. Therefore, these data were collected from the livestock holders within sampled livestock owned households. As a result, the estimate of total number of eggs produced during the year is about 81.66 million (Summary Table III.8). Average egg-laying period per hen and average number of eggs laid per hen during the reference period are also estimated for local, hybrid and exotic breeds. Consequently, the average number egg-laying period per hen per year is about *four*, *six* and *one* for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 20, 46 and 139 days for local, hybrid and exotic breeds, in that order. The average number of eggs laid per hen per egg- laying period in the country is about 12, 41 and 146 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2006/07**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...			1.437
Average Lactation Period (Months)			6
Total Milk Production (Liters).....			2,634,118,410
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			3.403
Average Lactation Period (Months)			10
Total Milk Production (Liters).....			114,184,892
Honey Production			
All Types of Beehives (Number).....			4,884,468
Production (Kilograms).....			51,250,157
Average Frequency (Harvests/Year)			1.48
Traditional Beehives (Number).....			4,815,935
Production (Kilograms).....			50,105,256
Average Frequency (Harvests/Year)			1.48
Intermediate Beehives (Number).....			24,842
Production (Kilograms).....			275,097
Average Frequency (Harvests/Year)			1.58
Modern Beehives (Number).....			43,692
Production (Kilograms).....			869,804
Average Frequency (Harvests/Year)			1.62
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	4	6	1
Average Length of a Period (in days).....	20	46	139
Average Number of Eggs/Hen/Period.....	12	41	146
Total Egg Production (Number).....	61,204,312	7,949,258	12,505,969

3.5 LIVESTOCK VACCINATION, DISEASE, AND TREATMENT

Diseases have numerous negative impacts on productivity of herds i.e. death of animals, loss of weights, slow down growth, poor fertility performance, decrease in physical power and the likes. There have been many ways of fighting against diseases and among these, vaccinations (preventive measures) and treatments (curative measures) are the major ones. However, no efficient fight against disease or disease prevention is possible if descriptive data on prevalence of diseases, vaccinations, and treatments are not available. The availability of these data is also very important to set-up strategies that can assist in preventing and controlling diseases, by and large in improving veterinary services of the country. Hence, it was considered desirable to collect information on vaccinations, treatments, diseases and deaths of animals.

**SUMMARY TABLE III.9a: Estimated Number of Vaccinated Livestock by Type,
Ethiopia - 2006/07**

Type of Livestock	Total Vaccinated	Vaccinated against:					
		Anthrax ³	Blackleg ⁴	Pleuro-Pneumonia ⁵	Hemorrhagic Septicemia ⁶	Rinderpest ⁷	Others
Cattle	11,026,887	4,182,805	3,013,728	1,186,863	1,609,463	275,335	758,693
Sheep	2,387,867	363,905	166,150	543,147	445,439	50,007	819,219
Goats	2,415,333	403,913	261,499	791,099	464,604	61,636	432,582
Horses, Donkeys, and Mules	483,464	177,805	56,328	52,357	22,283	3,277	171,415
Camels	27,083	5,272	*	14,582	*	*	*
Poultry	113,807						

**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and
Treated, Ethiopia - 2006/07**

Item	Number	%
Total Afflicted.....	30,076,366	100
Cattle	5,656,766	18.81
Sheep	4,727,232	15.72
Goats	3,871,386	12.87
Horses, Donkeys, and Mules .	634,225	2.11
Camels.....	75,747	0.25
Poultry	15,111,011	50.24
Total Treated.....	4,800,087	100
Cattle	2,468,678	51.43
Sheep	986,948	20.56
Goats	657,118	13.69
Horses, Donkeys, and Mules .	219,346	4.57
Camels.....	28,192	0.59
Poultry	439,806	9.16

Data on these parameters specifically on numbers of vaccinated, afflicted, and treated animals were therefore collected and the results are shown in Summary Tables III.9a and III.9b. The estimated number of vaccinated animals within the reference period in the rural areas of the country is about 16.45 million. Out of these animals, about 67 percent were cattle followed by goats, which took about 14.68 percent share. Sheep and draught animals (horses, donkeys, and mules) also accounted for about 14.51 percent, and 3 percent of the total vaccinated animals, respectively. The estimated number of vaccinated camels in the country is about 27.1 thousand, which is only 0.16 percent of the total vaccinated animals.

As indicated in Summary Tabel III.9b, about 30.08 million animals were diseased / afflicted by different types of diseases during the reference period and only 4.8 million of

³ Anthrax- is an infectious disease of animals especially cattle and sheep that causes skin ulcers and is transmittable to humans by inhalation and through feces and infected meat.

⁴ Blackleg- is an infectious bacterial disease of farm animals that causes swellings on the legs.

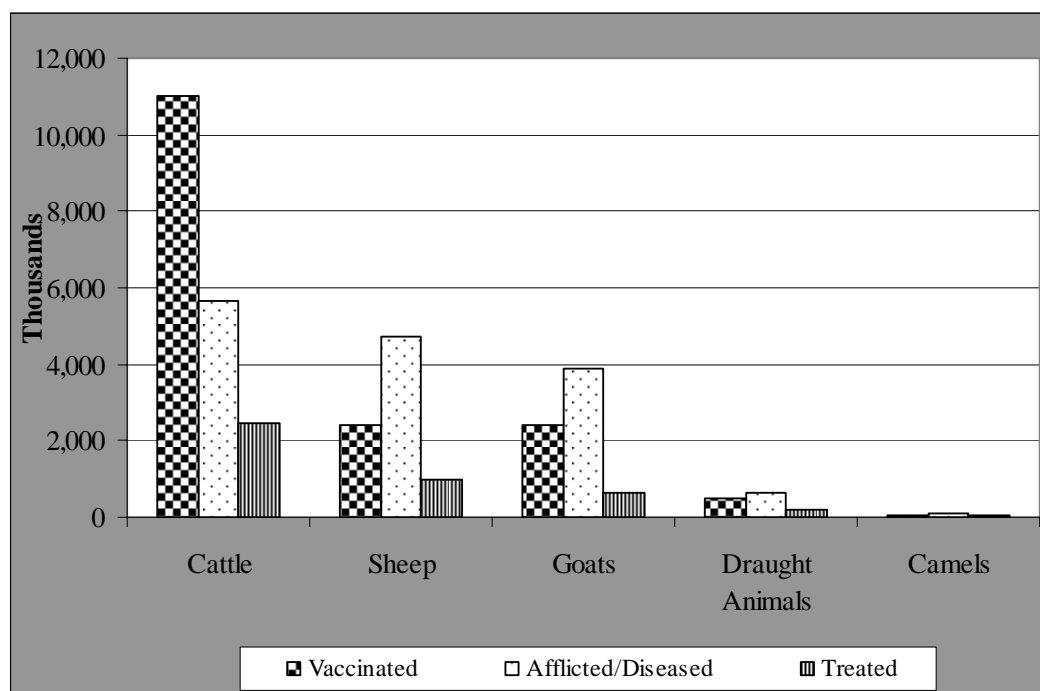
⁵ Pleuro-pneumonia – is an infectious bacterial disease of animals mainly cattle that causes cough and fever and is transmittable to other animals easily.

⁶ Hemorrhagic- septicemia- is an infectious bacterial disease of animals.

⁷ Rinder pest – is sometimes a fatal viral disease mainly affecting cattle, sheep, and goats that occurs chiefly in Africa and Asia.

them were treated. The cattle constituted about 51.43 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

**FIGURE III.12 DISTRIBUTION OF ANIMALS VACCINATED, AFFLICTED, AND TREATED
BY TYPE**



3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK⁸

Concerning the number of holdings by size of livestock, the summary results for cattle, sheep, goats, draught animals, and poultry are given in the following tables (Summary Table III.10a – d).

Most of the holdings, about 52 percent, reported one to four cattle and considerable portion (21.23 percent) of the holdings possess five to nine cattle. About 21.2 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

⁸ The measures of size used for classification were adapted from FAO recommendation (2005).

Summary Table III.10a: Number of Holdings by Size of Cattle,
Ethiopia - 2006/07

Size	Number of Holdings	%
All Holdings.....	12,388,184	100
Holdings with no Cattle...	2,626,164	21.2
1-2 Head.....	3,297,531	26.62
3-4 Head.....	3,138,027	25.33
5-9 Head.....	2,630,290	21.23
10-19 Head.....	590,081	4.76
20-49 Head.....	95,656	0.77
50-99 Head.....	8,533	0.07
100-199 Head.....	1,641	0.01
>=200 Head.....	261	*

The result of the survey also revealed that about 25 percent and 17 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 61 percent and about 72 percent have reported no sheep and no goat, correspondingly (see Summary Table III.10b).

Summary Table III.10b: Number of Holdings by Sizes of Sheep and Goats,
Ethiopia – 2006/07

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	12,388,184	100	12,388,184	100
Holdings with no Sheep/Goats.	7,581,787	61.2	8,979,005	72.48
1-4 Head.....	3,037,812	24.52	2,102,004	16.97
5-9 Head.....	1,250,268	10.09	885,352	7.15
10-49 Head.....	511,844	4.13	405,511	3.27
50-99 Head.....	5,312	0.04	13,191	0.11
100-199 Head.....	922	0.01	2,809	0.02
200-499 Head.....	14	*	215	*
>=500 Head.....	225	*	97	*

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 99 percent, 98 percent, 92 percent, and 75 percent of the total holdings were with no camel; no mule, no horse, and no donkey, respectively (see Summary Table III.10c).

Summary Table III.10c: Number of Holdings by Size of Draught Animals,
Ethiopia - 2006/07

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	12,388,184	100	12,388,184	100	12,388,184	100	12,388,184	100
Holdings with no Animals.	11,350,441	91.62	9,258,106	74.73	12,085,618	97.56	12,251,104	98.89
1-2 Head.....	901,247	7.28	2,895,653	23.37	299,423	2.42	87,011	0.70
3-4 Head.....	121,505	0.98	221,445	1.79	2,819	0.02	18,177	0.15
5-9 Head.....	14,728	0.12	12,236	0.1	324	*	18,385	0.15
>= 10 Head.....	263	*	744	0.01	-	-	13,507	0.11

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (47.37 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2006/07

Size	Number of Holdings	%
All Holdings.....	12,388,184	100
Holdings with no Poultry...	5,868,572	47.37
1-9 Head.....	5,493,465	44.34
10-49 Head.....	1,024,799	8.27
50-99 Head.....	1,348	0.01
100-199 Head.....	-	-
200-499 Head.....	-	-

3.7 ANIMAL FEED

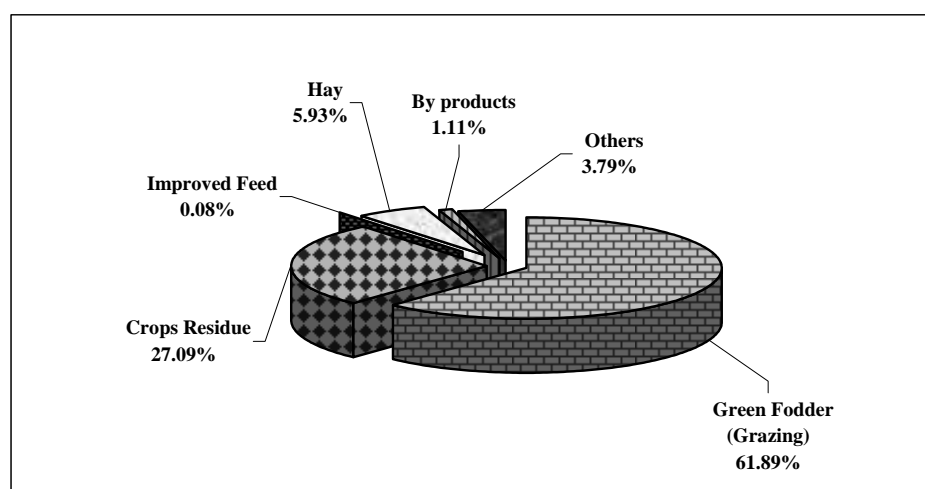
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *Green fodder* is simply pasture grasses; *crop residue* includes harvested by-products (straw and chaff of cereals and pulses, etc.); *improved feed* is like alfalfa; *hay* includes any type of grass, clover etc. cut and dried as fodder; and finally industrial *by-products* are like oil cake (rapeseed cake, nueg cake, sunflower cake, etc.), bran, and brewery residue.

According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 61.89 percent) followed by crops residue that is 27.09 percent. Hay and by-products were also used as animal feeds that comprise about 5.93 and 1.11 percent of the total feeds, respectively. Moreover, as shown in Summary Table III.11 and Figure III.13, very small amount of improved feed (only 0.08 percent) was used as animal feed and other types of feed that accounted for about 3.79 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2006/07

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing	10,837,215	61.89
Crops Residue	9,060,330	27.09
Improved Feed	61,123	0.08
Hay	3,044,388	5.93
By-products.....	996,864	1.11
Others	3,035,792	3.79

FIGURE III.13 ANIMAL FEED PRACTICES OF HOLDERS



Summary Table III.11 also highlights the number of holders reported each type of feed. According to the data, about 10.8 million holders have used green fodder to feed their animals. Significant number of holders (about 9.1 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 3.04 million, and about one million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 3.04 million) as well reported to use other types of feeds while about 61 thousand holders used improved feed during the reference period.

Sources of animal feeds were also assessed and own holdings were the major source of all types of feeds for the majority of the holders during the reference period. Communal holdings were also observed as the main sources of green fodder for considerable number of holders. Substantial numbers of holders have also purchased different types of feed to nourish their animals (see Summary Table III.12).

**SUMMARY TABLE III.12 Estimated Number of Holders
Reporting Animal Feed by Source and Type of Feed, Ethiopia - 2006/07**

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	10,837,215	9,060,330	61,123	3,044,388	996,864	3,035,792
Own Holding.....	3,822,371	8,042,972	37,657	2,032,471	515,745	1,996,280
Purchased.....	172,245	139,490	17,299	420,802	407,142	537,032
Communal Holdings/Government	3,489,662	105,120	1,699	59,617	3,731	54,725
From any Two or More Sources...	3,073,263	621,624	1,750	457,649	47,029	234,838
Other Sources.....	266,915	134,001	563	63,000	14,688	190,568

3.8 LIVESTOCK EXTENSION

This section of the survey results elicited information about livestock extension packages practiced by holders during the reference period. As can be seen from Summary Table III.13, a total of about 196 thousand holders (about two percent of the total holders) were involved in livestock extension packages during the reference period. More than half of these holders were involved in beef and poultry development packages. About a quarter of them were engaged in dairy development packages whereas 12% of them have practiced honey and wax development package. Moreover, about 8% of the holders practiced at least two types of packages concurrently within the reference period.

**SUMMARY TABLE III.13 Estimated Number of Holders Practiced Livestock
Extension Packages during the Reference Period by Type of Package,
Ethiopia - 2006/07**

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	195,956	100
Dairy Development Package.....	51,381	26.22
Beef/Meat/Mutton Development Package.....	53,406	27.25
Poultry Development Package.....	52,380	26.73
Honey and Wax Development Package.....	23,510	12.00
Two or More of the Packages.....	15,279	7.80

**STATISTICAL TABLES PRESENTING
RESULTS AT
ZONE AND REGION LEVEL**

PART I – ESTIMATES FOR USUAL SEDENTARY RURAL AREAS

TABLES 3.1–3.30

Part I – Usual Sedentary Rural Areas

TABLE 3-1: NUMBER OF LIVESTOCK BY TYPE OF ANIMAL, ZONE, AND REGION

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Ethiopia	43,007,315	23,617,496	18,423,395	1,655,284	4,486,171	325,659	615,197	33,957,837	4,870,679
Tigray	2,922,407	972,500	2,751,911	2,270	434,698	7,247	33,794	3,474,394	183,771
North West Tigray	828,099	77,646	947,778	-	71,328	724	5,976	914,511	29,434
Central Tigray	642,694	255,986	952,257	-	117,171	*	5,530	961,074	54,387
Eastern Tigray	291,253	377,246	193,084	*	69,165	*	*	419,757	36,103
Southern Tigray	695,426	231,111	361,112	1,595	142,137	4,071	16,820	732,775	47,404
Western Tigray	464,935	30,511	297,680	*	34,897	914	*	446,278	16,443
Afar	447,980	247,597	627,897	*	11,892	157	143,750	43,798	910
Zone 1	140,590	85,554	188,499	*	2,415	-	31,214	1,186	-
Zone 3	307,390	162,044	439,397	-	9,477	157	112,536	42,612	910
Amhara	10,483,052	8,235,904	5,140,542	283,813	1,539,949	92,787	31,911	10,368,274	852,495
North Gondar	1,860,538	673,416	1,243,194	38,240	194,458	9,961	*	2,528,797	170,520
South Gondar	1,233,628	775,281	542,136	18,282	158,690	11,711	-	1,186,839	105,936
North Wolo	836,697	798,128	594,596	21,246	169,478	10,896	10,576	1,091,512	52,738
South Wolo	1,406,326	1,998,539	810,432	31,050	288,532	21,467	*	1,334,512	105,155
North Shewa	1,157,897	1,265,757	749,192	43,337	267,009	10,122	*	1,026,508	66,797
East Gojam	1,278,778	1,434,007	291,956	63,300	195,634	9,380	-	583,512	91,627
West Gojam	1,496,207	769,899	299,720	15,459	146,455	14,330	-	1,483,367	137,853
Waghamera	248,414	84,302	351,434	*	44,331	1,644	-	328,019	33,691
Awi	675,775	401,084	110,714	52,800	43,054	3,217	-	600,572	78,037
Oromia	288,792	35,491	147,168	-	32,309	*	7,489	204,637	10,141
Oromia	19,663,215	9,264,558	5,787,278	1,045,458	2,054,674	160,531	131,242	12,603,660	2,718,925
West Wellega	802,340	253,615	73,987	2,746	82,188	3,598	-	845,929	523,692
East Wellega	976,935	303,544	106,429	*	78,960	5,643	-	662,616	265,644
Illubabor	813,639	440,071	128,722	32,929	16,684	10,718	-	826,528	343,617
Jimma	2,016,403	920,704	269,700	90,194	55,803	30,217	-	1,488,848	529,968
West Shewa	1,767,482	1,228,411	323,826	176,665	136,302	7,986	-	950,021	143,250
North Shewa	1,372,809	1,162,812	156,823	100,129	193,316	6,801	-	449,883	65,348
East Shewa	1,088,336	536,483	496,714	8,949	247,529	7,663	*	764,322	15,130
Arsi	2,077,475	1,313,210	417,887	174,713	258,352	22,827	*	1,137,449	70,325
West Harerghe	949,305	189,738	762,794	*	185,316	3,240	10,902	940,909	54,025
East Harerghe	958,600	355,247	943,929	*	159,366	*	*	1,061,909	41,382
Bale	1,268,550	476,785	474,805	76,316	199,545	16,889	*	515,198	138,313
Borena	1,176,620	268,107	696,992	6,455	62,645	5,655	44,306	468,036	44,577
South West Shewa	795,293	230,307	189,863	27,970	117,001	11,399	-	527,665	50,991
Guji	1,034,030	346,344	282,222	118,513	41,552	15,119	*	556,005	123,632
Kelem Wellega	332,649	188,650	57,334	2,301	21,982	7,407	-	466,815	177,687
Horoguduru Wellega	624,014	222,418	97,200	37,666	45,903	3,291	-	315,112	72,409
West Arsi	1,608,737	828,110	308,052	182,776	152,228	1,685	-	626,415	58,936

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Somale	608,206	714,685	1,062,084	-	98,460	*	264,239	106,534	*
Shinele	18,783	64,482	153,790	-	3,755	*	7,787	4,412	*
Jijiga	388,642	514,376	467,807	-	68,410	-	71,775	41,318	*
Liben	200,782	135,827	440,487	-	26,295	*	184,677	60,804	*
Benshangul-Gumuz	322,663	89,055	339,455	*	39,700	1,414	-	742,858	173,862
Metekel	206,669	56,126	140,119	*	17,257	908	-	305,806	81,826
Asosa	64,811	15,775	126,214	-	16,543	*	-	302,062	60,702
Kemeshi	51,183	17,154	73,123	-	5,899	*	-	134,991	31,334
SNNP	8,454,113	4,029,530	2,538,751	322,323	283,100	63,023	-	6,517,126	934,479
Gurage	907,571	347,182	97,621	60,293	38,269	4,143	-	498,201	44,664
Hadiya	624,405	241,406	112,198	20,063	43,585	5,291	-	577,074	40,356
Kembata Tembaro	278,910	108,593	40,987	5,687	19,626	2,136	-	232,625	12,387
Sidama	1,437,562	453,246	196,201	60,434	33,731	*	-	883,643	41,525
Gedio	121,008	199,058	10,316	27,601	2,385	6,137	-	209,362	53,606
Wolayita	808,211	177,702	121,849	*	26,894	1,153	-	643,049	20,466
South Omo	891,963	621,262	1,011,044	11,512	7,313	2,199	-	404,963	72,826
Shaka	78,496	46,903	6,908	2,565	1,090	488	-	94,879	87,284
Kaffa	622,818	405,625	107,975	52,961	*	9,832	-	594,471	347,171
Gamo Gofa	914,983	527,631	202,174	36,716	13,378	10,698	-	594,948	46,777
Bench Maji	419,501	221,250	50,494	14,520	*	6,023	-	602,048	66,754
Yem Sp. Wereda	49,384	28,887	20,517	489	2,234	*	-	26,788	7,287
Amaro Sp. Wereda	103,266	61,375	51,006	3,882	903	1,470	-	56,945	3,392
Burji Sp. Wereda	41,363	4,345	29,470	-	3,758	79	-	27,169	1,712
Konso Sp. Wereda	98,495	93,302	171,810	-	3,480	-	-	110,741	*
Derashe Sp. Wereda	77,966	15,526	77,809	*	9,676	405	-	117,596	8,617
Dawro	313,094	113,554	45,703	7,081	1,934	5,064	-	157,996	28,557
Basketo Sp. Wereda	26,215	14,778	3,584	264	*	515	-	35,018	1,460
Konta Sp. Wereda	61,250	16,811	10,327	1,552	*	526	-	49,886	7,178
Silte	442,016	290,871	116,295	12,036	53,440	4,516	-	468,806	21,404
Alaba Sp. Wereda	135,637	40,223	54,462	3,581	20,497	1,067	-	130,916	4,722
Harari	37,518	4,265	34,450	-	6,832	-	*	31,777	804
Hundene	37,518	4,265	34,450	-	6,832	-	*	31,777	804
Addis Ababa	29,205	10,735	3,695	579	6,091	398	-	21,564	258
Zone 3	21,136	7,116	2,614	342	3,864	168	-	14,582	108
Zone 6	8,068	3,619	1,081	237	2,227	230	-	6,982	*
Dire Dawa	38,955	48,666	137,330	*	10,775	-	8,311	47,852	722

TABLE 3-2: NUMBER OF CATTLE BY AGE AND SEX OF ANIMAL, ZONE, ZONE, AND REGION

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Ethiopia	43,007,315	2,000,422	1,703,598	2,958,882	11,750,323	746,636	2,155,960	1,887,086	3,680,902	15,478,994	644,513
Tigray	2,922,407	145,743	85,417	202,899	871,293	87,788	164,034	106,197	234,295	966,318	58,422
North West Tigray	828,099	47,316	26,722	60,135	211,505	18,062	50,576	39,746	76,718	279,933	17,386
Central Tigray	642,694	21,337	15,311	41,787	231,187	36,326	25,234	16,946	44,562	191,876	18,129
Eastern Tigray	291,253	15,541	8,438	22,275	94,740	5,183	16,961	7,479	23,726	93,767	3,143
Southern Tigray	695,426	31,717	17,563	48,386	233,485	22,092	36,119	19,489	51,924	225,149	9,503
Western Tigray	464,935	29,832	17,384	30,316	100,376	6,126	35,145	22,537	37,365	175,594	10,261
Afar	447,980	21,480	13,181	20,128	30,410	815	39,967	31,723	59,598	227,848	2,829
Zone 1	140,590	5,115	3,960	4,321	7,006	81	12,277	10,327	20,674	75,113	1,715
Zone 3	307,390	16,366	9,221	15,807	23,404	734	27,690	21,396	38,923	152,735	*
Amhara	10,483,052	400,300	325,362	725,006	3,536,134	364,436	425,244	329,715	786,611	3,388,032	202,213
North Gondar	1,860,538	81,396	60,800	146,434	535,072	42,087	78,824	67,210	159,261	652,872	36,582
South Gondar	1,233,628	43,794	37,308	85,415	406,785	64,950	43,891	37,388	93,529	388,559	32,011
North Wolo	836,697	40,320	26,578	48,874	292,484	9,774	43,082	30,806	54,896	283,689	6,195
South Wolo	1,406,326	64,282	43,340	93,981	503,138	16,269	67,830	43,836	112,909	448,721	12,019
North Shewa	1,157,897	28,470	40,223	85,096	468,405	47,212	33,812	33,109	86,075	313,732	21,764
East Gojam	1,278,778	38,434	39,380	80,349	449,936	83,205	43,569	31,043	87,854	392,272	32,737
West Gojam	1,496,207	47,365	46,046	99,109	522,447	75,265	56,520	46,135	94,409	472,927	35,984
Waghamera	248,414	13,168	5,573	15,586	78,804	10,036	12,977	4,753	17,751	84,348	5,419
Awı	675,775	28,897	18,606	50,157	195,017	13,380	27,871	24,703	53,540	247,608	15,997
Oromia	288,792	14,175	7,508	20,006	84,047	2,257	16,870	10,731	26,387	103,305	3,506
Oromia	19,663,215	938,348	866,632	1,404,166	5,411,516	258,952	987,907	959,174	1,675,956	6,906,849	253,715
West Wellega	802,340	28,556	43,309	55,317	230,265	5,685	32,426	49,354	62,441	288,959	6,028
East Wellega	976,935	37,889	56,763	65,898	277,577	17,554	39,738	59,539	80,547	331,286	10,144
Illubabor	813,639	37,580	40,904	60,592	239,045	5,348	31,020	43,851	66,756	282,295	6,247
Jimma	2,016,403	87,100	88,764	167,666	598,159	*	85,799	87,358	186,340	707,496	6,031
West Shewa	1,767,482	74,694	77,623	130,964	540,989	35,687	81,493	77,580	149,236	561,205	38,011
North Shewa	1,372,809	48,382	56,243	92,296	420,020	30,975	56,420	74,314	113,247	457,838	23,074
East Shewa	1,088,336	45,436	41,844	70,531	364,799	52,177	48,104	45,116	75,796	324,640	19,893
Arsi	2,077,475	109,963	72,926	150,590	662,509	28,982	117,268	74,689	168,261	665,645	26,642
West Harerghe	949,305	63,864	42,629	69,579	253,327	*	58,347	43,102	87,930	320,680	7,777
East Harerghe	958,600	66,579	45,891	103,903	165,075	*	60,053	45,014	102,785	355,856	13,075
Bale	1,268,550	61,898	50,007	82,933	377,542	16,016	74,550	57,677	91,896	432,259	23,771
Borena	1,176,620	52,155	54,358	73,043	229,920	*	71,241	74,372	99,088	514,340	6,315
South West Shewa	795,293	21,019	29,333	55,097	274,739	27,740	26,133	36,937	61,781	249,077	13,437
Guji	1,034,030	63,358	53,562	60,188	190,406	4,732	60,336	63,942	105,978	419,816	11,711
Kelem Wellega	332,649	12,547	18,199	25,098	106,251	2,871	11,383	19,198	31,693	103,758	1,651
Horoguduru Wellega	624,014	17,680	28,531	42,107	180,848	20,751	21,667	32,983	45,294	218,201	15,950
West Arsi	1,608,737	109,648	65,745	98,366	300,044	4,519	111,929	74,147	146,886	673,498	23,955

TABLE 3-2 CONT'D

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over
Somale	608,206	45,076	28,614	35,878	86,563	*	54,614	33,205	57,765	261,141	4,455
Shinele	18,783	1,459	1,005	1,667	2,887	*	1,236	1,242	1,745	7,306	224
Jijiga	388,642	32,725	17,884	22,029	62,666	*	38,832	20,171	32,791	159,489	*
Liben	200,782	10,892	9,725	12,181	21,009	*	14,546	11,792	23,229	94,346	2,937
Benshangul-Gumuz	322,663	12,956	16,599	23,354	89,482	3,853	15,584	17,565	29,804	109,477	3,990
Metekel	206,669	8,760	10,631	14,846	56,100	3,334	10,146	11,161	20,612	67,750	3,329
Asosa	64,811	2,592	3,544	4,907	17,889	-	3,760	3,324	5,099	23,474	*
Kemeshi	51,183	1,604	2,423	3,602	15,493	*	1,678	3,081	4,093	18,253	*
SNNP	8,454,113	430,443	363,414	537,504	1,703,911	28,088	462,724	404,711	826,092	3,579,548	117,678
Gurage	907,571	47,770	47,942	52,751	115,228	2,629	45,639	45,948	94,771	426,523	28,370
Hadiya	624,405	27,154	25,152	41,373	168,553	5,605	29,112	23,346	48,808	245,703	9,601
Kembata Tembaro	278,910	13,781	7,801	18,851	57,117	1,797	13,349	11,073	26,865	122,006	6,270
Sidama	1,437,562	91,989	60,353	65,871	110,697	*	93,350	69,975	160,239	750,439	31,787
Gedio	121,008	2,401	6,115	11,902	32,905	*	2,818	4,863	12,805	46,838	*
Wolayita	808,211	43,295	37,256	61,251	179,352	*	48,863	33,274	73,051	319,301	10,558
South Omo	891,963	39,715	39,824	62,694	182,365	*	47,173	48,094	90,342	372,381	6,094
Shaka	78,496	3,873	5,478	6,982	14,556	*	3,909	4,811	7,238	31,008	561
Kaffa	622,818	37,325	27,299	43,778	157,990	*	36,216	34,376	61,101	219,167	3,986
Gamo Gofa	914,983	35,989	38,469	71,807	196,985	*	48,099	49,703	101,377	363,548	7,422
Bench Maji	419,501	23,107	18,217	20,462	90,603	*	28,752	24,352	44,506	165,605	3,462
Yem Sp. Wereda	49,384	1,309	1,436	2,759	18,801	303	1,417	1,258	3,875	18,078	149
Amaro Sp. Wereda	103,266	5,091	2,966	5,888	29,401	*	4,735	3,483	8,191	42,340	*
Burji Sp. Wereda	41,363	1,425	1,199	2,102	17,704	*	1,798	1,329	3,112	12,343	112
Konso Sp. Wereda	98,495	3,838	3,157	6,464	34,512	690	3,619	3,591	6,172	36,324	*
Derashe Sp. Wereda	77,966	2,497	2,551	4,196	32,210	*	3,594	4,140	5,258	23,183	*
Dawro	313,094	16,326	14,570	21,838	68,118	*	13,462	13,604	32,503	131,885	702
Basketo Sp. Wereda	26,215	1,218	1,281	1,986	6,541	-	1,315	1,337	2,918	9,568	*
Konta Sp. Wereda	61,250	2,684	2,764	3,837	17,208	*	3,071	3,137	5,792	22,575	152
Silte	442,016	21,649	13,974	23,071	134,734	3,219	23,755	17,281	29,476	169,109	5,748
Alaba Sp. Wereda	135,637	8,007	5,611	7,642	38,330	*	8,679	5,735	7,693	51,625	*
Harari	37,518	2,815	1,857	3,322	5,470	*	2,495	2,115	4,308	14,749	367
Hundene	37,518	2,815	1,857	3,322	5,470	*	2,495	2,115	4,308	14,749	367
Addis Ababa	29,205	724	992	1,793	11,102	1,786	606	1,048	2,135	8,543	475
Zone 3	21,136	580	780	1,414	7,825	717	421	841	1,692	6,634	233
Zone 6	8,068	144	212	380	3,278	1,069	185	208	443	1,909	243
Dire Dawa	38,955	2,539	1,530	4,831	4,444	-	2,783	1,633	4,339	16,488	368

TABLE 3-3: NUMBER OF SHEEP BY AGE AND SEX OF ANIMAL, ZONE, AND REGION

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Ethiopia	23,617,496	3,270,864	979,798	749,823	1,252,433	3,260,697	1,302,995	1,693,916	11,106,969
Tigray	972,500	117,332	48,572	33,404	53,668	109,611	61,501	88,963	459,450
North West Tigray	77,646	10,142	*	2,914	4,269	8,931	7,577	11,052	29,794
Central Tigray	255,986	24,175	10,840	14,345	14,740	27,106	14,173	29,448	121,159
Eastern Tigray	377,246	52,196	18,883	10,651	13,597	43,941	24,089	28,197	185,693
Southern Tigray	231,111	27,677	14,812	4,877	19,843	24,951	13,547	18,812	106,591
Western Tigray	30,511	*	*	*	1,219	*	2,115	*	16,212
Afar	247,597	16,751	9,985	10,017	12,915	28,498	23,992	35,267	110,172
Zone 1	85,554	4,951	3,256	3,417	5,075	9,040	7,269	10,652	41,894
Zone 3	162,044	11,800	6,730	6,600	7,841	19,457	16,723	24,615	68,278
Amhara	8,235,904	1,107,201	323,201	260,881	454,236	1,076,726	405,914	539,680	4,068,064
North Gonder	673,416	90,339	24,764	26,540	25,910	92,147	43,471	45,131	325,114
South Gonder	775,281	117,154	24,621	14,380	19,279	112,798	33,957	41,725	411,365
North Wolo	798,128	92,567	28,066	25,957	64,555	103,923	32,679	67,044	383,337
South Wolo	1,998,539	251,965	89,596	85,753	172,191	233,686	95,019	110,304	960,024
North Shewa	1,265,757	147,812	65,857	57,563	92,351	153,859	75,869	91,800	580,648
East Gojam	1,434,007	204,619	29,595	18,909	39,262	190,777	73,260	94,510	783,075
West Gojam	769,899	124,267	40,078	16,154	25,617	111,397	28,089	59,664	364,633
Waghamera	84,302	8,908	4,124	4,611	7,798	8,384	4,503	6,418	39,556
Awi	401,084	65,234	13,936	6,567	4,721	65,923	17,658	21,187	205,858
Oromia	35,491	4,336	2,563	4,448	2,553	3,831	1,410	1,896	14,455
Oromia	9,264,558	1,438,260	377,247	246,351	407,032	1,425,455	512,778	632,536	4,224,899
West Wellega	253,615	38,534	15,552	5,391	11,064	42,595	18,607	22,747	99,124
East Wellega	303,544	42,674	16,964	7,463	14,229	54,354	21,509	18,649	127,703
Illubabor	440,071	72,858	19,411	12,845	10,051	69,999	22,661	27,321	204,926
Jimma	920,704	140,933	41,569	24,401	19,816	133,357	44,837	61,143	454,648
West Shewa	1,228,411	209,425	32,971	24,254	18,577	219,871	64,776	102,611	555,927
North Shewa	1,162,812	186,385	27,079	29,474	93,822	174,204	42,166	50,355	559,327
East Shewa	536,483	63,440	21,969	14,050	*	64,377	27,108	39,421	243,710
Arsi	1,313,210	203,581	59,813	32,652	38,945	220,258	73,430	83,750	600,781
West Harerghe	189,738	27,797	8,206	5,903	10,077	26,723	9,403	12,734	88,896
East Harerghe	355,247	45,522	22,000	20,184	18,471	41,823	24,707	34,034	148,506
Bale	476,785	82,653	16,935	10,299	15,452	79,829	23,189	29,337	219,092
Borena	268,107	31,280	14,871	10,357	22,057	31,784	16,802	15,806	125,150
South West Shewa	230,307	42,118	14,652	10,341	10,225	33,105	11,196	12,650	96,021
Guji	346,344	45,286	17,179	16,230	27,889	38,392	19,219	27,443	154,705
Kelem Wellega	188,650	28,817	10,212	5,094	7,318	29,054	14,828	14,761	78,567
Horoguduru Wellega	222,418	37,889	11,173	3,695	8,524	34,746	16,611	16,231	93,550
West Arsi	828,110	139,069	26,692	13,719	18,107	130,983	61,730	63,545	374,266

TABLE 3-3 CONT'D

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somale	714,685	69,833	37,445	46,257	79,976	82,779	47,891	59,254	291,251
Shinele	64,482	6,412	4,943	5,133	5,382	7,726	6,050	6,859	21,978
Jijiga	514,376	50,235	26,275	33,540	61,850	59,070	31,640	37,886	213,880
Liben	135,827	13,186	6,226	7,584	12,744	15,983	10,202	14,509	55,394
Benshangul-Gumuz	89,055	13,818	3,313	1,835	4,698	16,070	5,793	6,331	37,197
Metekel	56,126	9,554	2,412	1,076	2,456	9,815	3,727	3,832	23,254
Asosa	15,775	1,721	*	*	1,033	3,382	891	885	7,383
Kemeshi	17,154	2,543	744	436	1,209	2,873	1,175	1,614	6,560
SNNP	4,029,530	500,514	175,770	147,821	235,408	513,959	241,130	325,435	1,889,492
Gurage	347,182	53,915	11,779	7,049	5,458	59,295	13,808	32,995	162,883
Hadiya	241,406	29,870	10,393	8,769	5,966	31,459	15,563	21,035	118,349
Kembata Tembaro	108,593	9,628	6,533	7,946	7,031	15,961	6,383	8,031	47,081
Sidama	453,246	73,675	13,092	8,143	14,662	65,415	18,799	27,693	231,767
Gedio	199,058	23,377	12,502	8,167	11,232	24,378	11,338	15,961	92,104
Wolayita	177,702	21,603	10,134	7,244	8,833	22,704	13,592	20,306	73,286
South Omo	621,262	47,607	37,658	39,816	81,558	56,967	52,142	67,531	237,983
Shaka	46,903	8,847	1,994	1,829	1,209	6,749	2,256	2,583	21,435
Kaffa	405,625	68,708	10,358	6,474	7,436	65,983	20,289	21,027	205,352
Gamo Gofa	527,631	44,559	20,813	20,823	33,232	55,493	35,851	48,227	268,633
Bench Maji	221,250	26,283	10,982	9,517	7,904	25,689	15,965	14,915	109,993
Yem Sp. Wereda	28,887	3,761	1,399	762	841	3,369	2,218	1,804	14,733
Amaro Sp. Wereda	61,375	7,853	2,419	1,720	6,802	5,989	2,229	3,436	30,929
Burji Sp. Wereda	4,345	605	135	169	425	396	182	300	2,134
Konso Sp. Wereda	93,302	5,509	3,595	3,865	24,553	6,625	5,604	4,872	38,678
Derashe Sp. Wereda	15,526	1,330	495	571	2,325	1,516	692	1,039	7,558
Dawro	113,554	14,512	7,843	6,238	5,064	13,995	6,162	8,043	51,697
Basketo Sp. Wereda	14,778	1,652	421	495	549	2,408	887	1,235	7,131
Konta Sp. Wereda	16,811	3,130	2,002	1,051	953	1,861	967	883	5,964
Silte	290,871	48,613	9,432	6,164	7,709	43,437	13,798	20,273	141,443
Alaba Sp. Wereda	40,223	5,478	1,792	1,008	1,665	4,269	2,406	3,247	20,358
Harari	4,265	390	243	234	550	435	207	415	1,791
Hundene	4,265	390	243	234	550	435	207	415	1,791
Addis Ababa	10,735	1,423	464	492	600	1,768	638	606	4,744
Zone 3	7,116	844	348	417	485	1,069	489	424	3,040
Zone 6	3,619	579	116	*	115	698	149	182	1,705
Dire Dawa	48,666	5,342	3,558	2,532	3,348	5,397	3,152	5,429	19,908

TABLE 3-4: NUMBER OF GOATS BY AGE AND SEX OF ANIMAL, ZONE, AND REGION

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
Ethiopia	18,423,395	2,169,780	971,810	840,853	1,464,910	2,433,858	1,260,516	1,525,424	7,756,243
Tigray	2,751,911	297,163	121,299	117,161	191,847	348,729	189,689	263,995	1,222,028
North West Tigray	947,778	114,402	37,319	38,060	55,761	132,304	80,919	99,973	389,041
Central Tigray	952,257	86,448	46,582	47,370	73,789	106,882	54,726	89,042	447,419
Eastern Tigray	193,084	24,669	8,054	7,264	10,124	22,231	10,006	15,566	95,169
Southern Tigray	361,112	37,953	15,434	14,862	29,904	39,639	21,617	33,675	168,027
Western Tigray	297,680	33,692	13,910	9,604	22,269	47,672	22,421	25,738	122,373
Afar	627,897	37,846	22,944	21,370	31,537	67,036	59,042	97,542	290,579
Zone 1	188,499	9,650	6,464	6,986	9,447	18,785	17,296	28,130	91,742
Zone 3	439,397	28,196	16,481	14,384	22,090	48,251	41,746	69,412	198,837
Amhara	5,140,542	633,292	292,721	231,555	478,006	718,231	309,439	348,756	2,128,542
North Gondar	1,243,194	166,952	70,833	49,426	71,298	196,080	74,919	96,297	517,388
South Gondar	542,136	69,936	28,583	16,161	46,071	78,291	30,746	34,451	237,897
North Wolo	594,596	68,492	30,495	21,845	56,862	84,383	31,907	35,648	264,964
South Wolo	810,432	89,977	47,874	46,825	103,393	99,637	51,928	56,498	314,302
North Shewa	749,192	83,016	49,496	50,534	119,524	88,227	44,114	48,929	265,352
East Gojam	291,956	36,716	15,088	8,378	17,988	41,986	23,294	13,218	135,289
West Gojam	299,720	48,859	15,666	15,137	14,142	57,269	14,508	19,297	114,842
Waghamera	351,434	30,202	20,039	17,362	35,237	31,020	24,278	30,109	163,188
Awi	110,714	18,780	6,830	2,445	6,189	17,570	6,802	4,614	47,483
Oromia	147,168	20,362	7,818	3,443	7,303	23,768	6,943	9,694	67,836
Oromia	5,787,278	772,093	310,979	257,856	366,825	818,769	408,657	435,634	2,416,465
West Wellega	73,987	10,336	4,278	2,134	3,247	14,178	4,816	7,833	27,164
East Wellega	106,429	14,954	6,891	4,731	4,587	14,286	8,575	7,521	44,884
Illubabor	128,722	22,688	5,264	3,398	5,756	24,071	6,895	7,746	52,903
Jimma	269,700	40,238	13,888	9,877	7,504	40,700	15,713	17,254	124,525
West Shewa	323,826	52,098	13,063	10,815	24,466	53,918	20,831	30,501	118,135
North Shewa	156,823	26,834	6,499	9,130	11,448	22,878	7,295	11,765	60,975
East Shewa	496,714	65,110	25,717	14,763	28,162	80,089	36,049	38,602	208,222
Arsi	417,887	60,251	21,810	19,867	21,207	55,907	29,590	20,754	188,502
West Harerghe	762,794	98,061	41,457	37,307	52,197	103,462	60,313	67,072	302,926
East Harerghe	943,929	117,990	58,107	69,253	65,476	113,566	57,344	80,126	382,067
Bale	474,805	61,032	32,810	13,912	21,706	62,620	33,065	28,665	220,995
Borena	696,992	77,200	36,045	23,366	55,267	92,222	56,821	40,300	315,772
South West Shewa	189,863	27,848	10,163	6,850	16,689	30,107	11,554	12,934	73,718
Guji	282,222	31,718	14,527	15,894	31,482	33,391	21,638	22,913	110,659
Kelem Wellega	57,334	9,936	1,550	487	2,726	10,784	4,865	5,886	21,100
Horoguduru Wellega	97,200	16,493	5,065	2,920	4,589	17,513	7,026	6,957	36,637
West Arsi	308,052	39,307	13,845	13,151	10,316	49,078	26,267	28,808	127,281

TABLE 3-4 CONT'D

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somale	1,062,084	89,066	48,428	59,522	104,759	119,652	77,830	111,976	450,850
Shinele	153,790	15,589	10,776	9,310	10,530	19,993	15,251	18,591	53,750
Jijiga	467,807	44,706	19,224	19,789	54,680	54,655	30,612	30,835	213,305
Liben	440,487	28,770	18,428	30,423	39,549	45,004	31,967	62,549	183,795
Benshangul-Gumuz	339,455	51,068	17,428	11,791	14,926	59,390	29,046	28,225	127,581
Metekel	140,119	23,415	6,458	5,172	5,370	26,552	13,161	10,708	49,283
Asosa	126,214	16,944	7,167	3,965	5,617	19,699	10,030	11,903	50,888
Kemeshi	73,123	10,710	3,802	2,653	3,939	13,138	5,855	5,615	27,410
SNNP	2,538,751	269,553	148,739	134,074	266,677	279,198	173,431	222,073	1,045,005
Gurage	97,621	12,505	5,369	3,477	*	13,045	7,459	7,791	42,606
Hadiya	112,198	14,585	7,236	5,463	4,483	15,571	6,713	6,244	51,903
Kembata Tembaro	40,987	5,086	1,712	682	1,539	6,844	3,190	3,429	18,506
Sidama	196,201	27,088	10,478	8,468	14,556	23,471	13,082	7,257	91,801
Gedio	10,316	1,628	814	683	*	*	*	*	4,926
Wolayita	121,849	18,827	5,019	4,086	2,931	21,137	10,685	13,130	46,034
South Omo	1,011,044	64,145	66,508	76,006	157,587	81,876	73,692	111,497	379,732
Shaka	6,908	1,075	374	*	182	1,189	429	266	3,343
Kaffa	107,975	22,017	3,741	2,005	2,372	16,285	6,378	6,701	48,476
Gamo Gofa	202,174	23,385	13,304	5,135	12,548	24,238	12,159	21,133	90,273
Bench Maji	50,494	7,919	4,042	1,654	1,815	6,449	3,548	3,159	21,909
Yem Sp. Wereda	20,517	3,133	1,074	536	230	2,533	1,520	844	10,646
Amaro Sp. Wereda	51,006	5,936	1,649	1,897	5,124	5,746	2,100	4,046	24,508
Burji Sp. Wereda	29,470	3,280	1,218	1,457	3,056	2,853	1,482	1,944	14,180
Konso Sp. Wereda	171,810	13,652	10,667	8,720	30,930	14,787	10,714	12,278	70,062
Derashe Sp. Wereda	77,809	6,987	3,756	3,934	12,966	6,658	5,311	7,480	30,716
Dawro	45,703	8,602	1,705	3,108	2,084	7,162	3,048	3,452	16,544
Basketo Sp. Wereda	3,584	392	214	*	151	548	307	428	1,487
Konta Sp. Wereda	10,327	1,991	662	317	470	1,717	541	698	3,930
Silte	116,295	19,847	5,939	3,493	4,023	18,685	6,784	4,763	52,760
Alaba Sp. Wereda	54,462	7,472	3,256	2,847	3,480	7,778	4,176	4,789	20,664
Harari	34,450	4,605	2,567	1,836	1,752	4,088	2,173	2,761	14,669
Hundene	34,450	4,605	2,567	1,836	1,752	4,088	2,173	2,761	14,669
Addis Ababa	3,695	618	156	68	339	667	86	199	1,562
Zone 3	2,614	425	129	*	207	521	49	171	1,080
Zone 6	1,081	193	*	*	131	*	*	*	482
Dire Dawa	137,330	14,474	6,549	5,622	8,241	18,097	11,123	14,264	58,961

TABLE 3-5: NUMBER OF HORSES AND DONKEYS BY AGE AND SEX OF ANIMAL, ZONE, AND REGION

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	1,655,284	185,341	604,121	193,755	672,067	4,486,171	562,785	1,491,748	545,822	1,885,817
Tigray	2,270	-	1,769	*	*	434,698	46,596	177,383	52,178	158,542
North West Tigray	-	-	-	-	-	71,328	8,817	23,918	7,751	30,842
Central Tigray	-	-	-	-	-	117,171	16,115	38,427	14,312	48,317
Eastern Tigray	*	-	*	-	-	69,165	8,032	24,547	10,135	26,451
Southern Tigray	1,595	-	*	*	*	142,137	11,466	65,934	17,801	46,936
Western Tigray	*	-	*	-	*	34,897	2,166	24,557	2,179	5,995
Afar	*	-	*	-	-	11,892	1,718	3,824	1,656	4,694
Zone 1	*	-	*	-	-	2,415	168	1,176	199	871
Zone 3	-	-	-	-	-	9,477	1,550	2,647	1,458	3,822
Amhara	283,813	29,651	94,841	34,150	125,170	1,539,949	217,002	399,443	233,719	689,785
North Gondar	38,240	5,385	*	4,932	16,233	194,458	24,913	67,212	22,599	79,733
South Gondar	18,282	*	4,970	2,192	10,226	158,690	26,874	20,493	25,197	86,126
North Wolo	21,246	*	*	*	*	169,478	23,373	43,342	27,134	75,629
South Wolo	31,050	3,118	5,748	5,046	17,137	288,532	40,228	69,744	48,218	130,342
North Shewa	43,337	3,705	7,289	9,284	23,059	267,009	36,923	91,662	34,010	104,414
East Gojam	63,300	7,966	22,693	5,506	27,135	195,634	28,006	51,777	31,852	84,000
West Gojam	15,459	*	4,427	*	8,873	146,455	19,899	22,935	27,061	76,560
Waghamera	*	-	-	-	*	44,331	5,447	14,049	7,254	17,581
Awi	52,800	4,081	30,238	3,779	14,702	43,054	6,858	10,551	5,971	19,675
Oromia	-	-	-	-	-	32,309	4,482	7,679	4,422	15,726
Oromia	1,045,458	125,374	383,746	122,967	413,371	2,054,674	256,545	725,462	221,142	851,526
West Wellega	2,746	-	*	*	1,469	82,188	8,596	24,402	9,773	39,417
East Wellega	*	*	*	*	*	78,960	8,248	22,356	10,726	37,630
Illubabor	32,929	3,333	10,983	4,300	14,314	16,684	2,169	7,648	*	5,738
Jimma	90,194	8,380	25,609	11,839	44,366	55,803	3,966	27,214	5,134	19,489
West Shewa	176,665	20,835	61,663	30,381	63,785	136,302	27,582	36,867	18,293	53,561
North Shewa	100,129	13,208	28,571	15,604	42,746	193,316	31,418	44,848	29,961	87,090
East Shewa	8,949	*	5,925	-	*	247,529	27,845	86,839	26,300	106,545
Arsi	174,713	22,890	57,624	21,036	73,163	258,352	37,983	86,585	23,247	110,537
West Harerghe	*	-	*	*	*	185,316	19,508	67,341	22,574	75,893
East Harerghe	*	-	-	*	-	159,366	17,293	87,321	10,605	44,146
Bale	76,316	8,784	35,004	5,290	27,238	199,545	23,926	80,263	18,019	77,338
Borena	6,455	*	2,335	*	*	62,645	3,681	28,441	4,847	25,677
South West Shewa	27,970	1,620	19,601	*	5,562	117,001	13,117	44,258	12,924	46,701
Guji	118,513	13,167	48,889	9,352	47,105	41,552	3,490	21,512	3,022	13,529
Kelem Wellega	2,301	*	*	*	1,060	21,982	2,065	9,498	2,113	8,305
Horoguduru Wellega	37,666	5,685	10,735	5,037	16,209	45,903	6,464	10,504	5,612	23,323
West Arsi	182,776	24,387	73,544	16,776	68,068	152,228	19,196	39,562	16,863	76,607

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Somale	-	-	-	-	-	98,460	12,535	36,913	9,767	39,245
Shinele	-	-	-	-	-	3,755	630	1,375	428	1,322
Jijiga	-	-	-	-	-	68,410	8,907	26,062	6,781	26,661
Liben	-	-	-	-	-	26,295	2,998	9,477	2,558	11,262
Benshangul-Gumuz	*	-	*	*	*	39,700	4,284	22,398	3,356	9,663
Metekel	*	-	*	*	*	17,257	1,331	12,516	946	2,465
Asosa	-	-	-	-	-	16,543	2,393	6,016	2,075	6,060
Kemeshi	-	-	-	-	-	5,899	561	3,866	335	1,138
SNNP	322,323	30,276	123,057	36,085	132,906	283,100	21,551	115,152	22,066	124,331
Gurage	60,293	8,319	12,363	8,722	30,889	38,269	2,038	14,055	3,635	18,541
Hadiya	20,063	2,224	6,038	2,307	9,493	43,585	2,929	9,850	4,155	26,651
Kembata Tembaro	5,687	*	2,455	*	2,243	19,626	911	15,673	*	2,706
Sidama	60,434	4,176	26,048	5,712	24,498	33,731	*	19,175	2,023	10,170
Gedio	27,601	886	17,038	1,990	7,687	2,385	*	2,149	-	-
Wolayita	*	*	*	-	-	26,894	1,362	17,107	*	7,265
South Omo	11,512	1,579	5,297	1,064	3,572	7,313	896	1,828	*	4,234
Shaka	2,565	*	2,214	*	*	1,090	-	1,090	-	-
Kaffa	52,961	3,941	23,763	6,531	18,727	*	-	*	-	*
Gamo Gofa	36,716	5,446	10,545	5,094	15,632	13,378	1,330	7,994	-	4,054
Bench Maji	14,520	*	4,598	1,806	6,763	*	-	*	-	*
Yem Sp. Wereda	489	*	104	*	337	2,234	184	1,112	*	838
Amaro Sp. Wereda	3,882	176	1,877	*	1,694	903	*	635	*	*
Burji Sp. Wereda	-	-	-	-	-	3,758	285	1,669	352	1,453
Konso Sp. Wereda	-	-	-	-	-	3,480	*	1,318	*	1,676
Derashe Sp. Wereda	*	-	*	*	*	9,676	435	6,555	430	2,257
Dawro	7,081	480	2,140	654	3,807	1,934	*	1,307	*	*
Basketo Sp. Wereda	264	*	187	-	*	*	-	*	-	-
Konta Sp. Wereda	1,552	*	856	169	500	*	-	*	-	-
Silte	12,036	*	4,319	1,049	5,870	53,440	5,955	9,882	6,754	30,849
Alaba Sp. Wereda	3,581	*	2,427	*	906	20,497	2,066	3,061	2,264	13,106
Harari	-	-	-	-	-	6,832	773	3,126	595	2,337
Hundene	-	-	-	-	-	6,832	773	3,126	595	2,337
Addis Ababa	579	*	545	*	*	6,091	170	5,172	70	680
Zone 3	342	*	308	*	*	3,864	*	3,683	-	148
Zone 6	237	-	237	-	-	2,227	137	1,489	70	532
Dire Dawa	*	*	-	*	-	10,775	1,612	2,875	1,274	5,015

TABLE 3-6: NUMBER OF MULES AND CAMELS BY AGE AND SEX OF ANIMAL, ZONE, AND REGION

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Ethiopia	325,659	24,845	145,460	21,571	133,782	615,197	75,268	148,557	102,085	289,288
Tigray	7,247	*	2,719	-	4,337	33,794	*	30,130	*	*
North West Tigray	724	-	-	-	724	5,976	*	4,991	*	*
Central Tigray	*	-	*	-	*	5,530	*	4,868	-	-
Eastern Tigray	*	-	*	-	*	*	*	*	-	-
Southern Tigray	4,071	*	1,202	-	2,701	16,820	*	15,051	-	-
Western Tigray	914	*	*	-	295	*	*	*	-	-
Afar	157	-	109	-	*	143,750	12,179	17,066	30,450	84,055
Zone 1	-	-	-	-	-	31,214	1,939	6,785	*	17,231
Zone 3	157	-	109	-	*	112,536	10,239	10,280	25,192	66,824
Amhara	92,787	9,534	34,427	9,587	39,239	31,911	6,975	24,749	-	*
North Gondar	9,961	1,399	*	*	4,146	*	*	*	-	-
South Gondar	11,711	*	6,892	*	4,217	-	-	-	-	-
North Wolo	10,896	*	2,707	*	6,170	10,576	*	9,398	-	-
South Wolo	21,467	2,504	5,957	2,570	10,436	*	*	*	-	-
North Shewa	10,122	2,174	3,429	1,420	3,099	*	*	*	-	-
East Gojam	9,380	-	*	*	4,164	-	-	-	-	-
West Gojam	14,330	2,426	*	2,786	5,374	-	-	-	-	-
Waghamera	1,644	*	695	-	868	-	-	-	-	-
Awi	3,217	-	2,295	*	*	-	-	-	-	-
Oromia	*	-	*	-	-	7,489	1,401	5,901	-	*
Oromia	160,531	10,934	73,841	10,261	65,494	131,242	19,479	21,468	24,993	65,302
West Wellega	3,598	-	2,702	-	896	-	-	-	-	-
East Wellega	5,643	*	2,423	-	3,046	-	-	-	-	-
Illubabor	10,718	*	3,622	*	6,266	-	-	-	-	-
Jimma	30,217	2,950	7,462	*	17,096	-	-	-	-	-
West Shewa	7,986	*	3,900	*	2,221	-	-	-	-	-
North Shewa	6,801	*	1,591	*	3,548	-	-	-	-	-
East Shewa	7,663	*	7,090	-	-	*	*	*	*	*
Arsi	22,827	2,551	9,172	1,439	9,665	*	*	*	*	*
West Harerghe	3,240	*	*	*	*	10,902	*	*	*	*
East Harerghe	*	-	*	-	-	*	*	*	*	*
Bale	16,889	*	11,527	*	4,588	*	1,840	6,860	*	*
Borena	5,655	-	3,509	-	2,146	44,306	7,148	5,725	7,039	24,394
South West Shewa	11,399	*	4,908	*	5,744	-	-	-	-	-
Guji	15,119	1,123	7,596	1,870	4,530	*	*	*	*	*
Kelem Wellega	7,407	-	4,999	-	2,408	-	-	-	-	-
Horoguduru Wellega	3,291	*	1,250	*	1,553	-	-	-	-	-
West Arsi	1,685	*	*	*	*	-	-	-	-	-

TABLE 3-6 CONT'D

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Somale	*	-	-	-	*	264,239	32,014	53,034	44,614	134,578
Shinele	*	-	-	-	*	7,787	1,169	2,493	1,154	2,971
Jijiga	-	-	-	-	-	71,775	7,943	26,152	7,485	30,195
Liben	*	-	-	-	*	184,677	22,902	24,389	35,974	101,412
Benshangul-Gumuz	1,414	*	326	-	1,003	-	-	-	-	-
Metekel	908	*	*	-	*	-	-	-	-	-
Asosa	*	-	-	-	*	-	-	-	-	-
Kemeshi	*	-	*	-	*	-	-	-	-	-
SNNP	63,023	4,098	33,706	1,722	23,496	*	*	-	-	-
Gurage	4,143	*	*	*	2,893	-	-	-	-	-
Hadiya	5,291	*	2,597	-	2,068	-	-	-	-	-
Kembata Tembaro	2,136	*	778	-	1,244	-	-	-	-	-
Sidama	*	-	*	-	*	-	-	-	-	-
Gedio	6,137	*	3,609	*	*	-	-	-	-	-
Wolayita	1,153	*	*	-	*	-	-	-	-	-
South Omo	2,199	*	1,357	-	571	-	-	-	-	-
Shaka	488	-	257	-	231	-	-	-	-	-
Kaffa	9,832	-	7,312	*	2,362	-	-	-	-	-
Gamo Gofa	10,698	*	5,871	*	4,356	-	-	-	-	-
Bench Maji	6,023	-	3,803	-	2,220	*	*	-	-	-
Yem Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Amaro Sp. Wereda	1,470	*	723	*	618	-	-	-	-	-
Burji Sp. Wereda	79	-	*	-	*	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	405	-	*	-	*	-	-	-	-	-
Dawro	5,064	635	2,348	420	1,661	-	-	-	-	-
Basketo Sp. Wereda	515	*	354	*	108	-	-	-	-	-
Konta Sp. Wereda	526	*	*	*	202	-	-	-	-	-
Silte	4,516	1,304	2,123	*	945	-	-	-	-	-
Alaba Sp. Wereda	1,067	-	*	-	453	-	-	-	-	-
Harari	-	-	-	-	-	*	*	*	*	*
Hundene	-	-	-	-	-	*	*	*	*	*
Addis Ababa	398	-	332	-	66	-	-	-	-	-
Zone 3	168	-	139	-	29	-	-	-	-	-
Zone 6	230	-	193	-	*	-	-	-	-	-
Dire Dawa	-	-	-	-	-	8,311	1,292	1,979	1,420	3,620

TABLE 3-7: CATTLE AGED 3 – 10 YEARS BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Ethiopia	27,229,317	10,594,979	240,373	438,226	476,745	6,305,944	112,404	66,995	7,944,401	1,049,250
Tigray	1,837,611	837,449	4,371	22,200	7,272	40,340	7,258	4,171	909,549	5,001
North West Tigray	491,438	203,119	1,165	4,459	2,762	6,126	*	1,372	270,795	*
Central Tigray	423,063	223,375	*	5,665	2,062	4,930	3,404	*	180,713	2,313
Eastern Tigray	188,507	90,481	*	1,947	1,745	*	1,063	-	79,783	*
Southern Tigray	458,634	226,269	*	5,116	*	16,625	2,062	*	203,968	*
Western Tigray	275,970	94,205	1,086	5,014	*	*	*	*	174,290	*
Afar	258,258	10,180	*	19,524	*	120,528	*	*	105,203	1,502
Zone 1	82,119	1,786	*	5,193	-	23,943	*	*	50,157	*
Zone 3	176,139	8,394	*	*	*	96,585	*	*	55,046	*
Amhara	6,924,165	3,385,439	22,794	35,389	92,513	358,450	61,226	12,332	2,766,300	189,724
North Gonder	1,187,944	511,545	*	*	17,798	51,713	3,733	*	565,628	30,423
South Gonder	795,344	395,026	*	3,160	6,613	48,429	10,856	*	321,486	7,162
North Wolo	576,173	287,313	-	1,765	3,406	24,253	5,053	*	248,644	5,515
South Wolo	951,860	492,745	*	4,596	4,661	62,537	9,742	*	367,019	8,771
North Shewa	782,136	443,753	*	*	13,731	25,914	*	2,384	247,644	36,640
East Gojam	842,208	429,898	6,000	*	6,041	44,113	10,487	*	310,424	23,355
West Gojam	995,374	488,779	5,311	2,437	25,920	58,522	11,859	1,054	353,392	48,100
Waghamera	163,152	75,812	*	*	*	13,282	3,242	-	63,522	4,301
Awi	442,625	180,259	*	*	10,862	9,683	4,907	*	210,546	20,346
Oromia	187,351	80,309	-	1,779	*	20,004	*	-	77,993	5,113
Oromia	12,318,365	4,842,948	139,541	204,925	224,101	3,141,683	32,822	27,108	3,314,370	390,867
West Wellega	519,223	208,923	*	12,028	8,066	133,940	*	*	145,063	7,016
East Wellega	608,863	241,983	1,755	20,341	13,499	113,852	4,312	*	196,783	15,632
Illubabor	521,340	225,021	3,508	3,990	6,526	124,079	*	*	145,646	11,062
Jimma	1,305,655	575,663	5,209	*	14,008	277,565	*	*	365,583	61,493
West Shewa	1,102,194	510,578	8,733	*	8,770	223,228	*	*	326,614	8,864
North Shewa	877,858	383,967	10,881	6,076	19,096	183,387	*	*	245,193	22,291
East Shewa	689,439	344,594	*	7,247	7,444	122,646	*	*	191,271	8,498
Arsi	1,328,154	586,974	13,492	3,984	58,059	347,026	4,115	6,008	232,022	76,474
West Harerghe	574,007	226,482	20,190	*	3,767	106,589	*	1,299	196,742	15,283
East Harerghe	520,932	119,161	36,827	3,923	5,164	151,253	*	2,112	189,967	10,769
Bale	809,801	356,425	4,705	*	13,006	328,829	*	1,107	65,430	35,645
Borena	744,260	154,301	10,405	47,626	17,588	236,783	1,220	1,791	255,297	19,247
South West Shewa	523,816	263,222	3,620	4,355	3,543	125,868	*	1,567	111,725	9,056
Guji	610,222	126,923	6,027	52,638	4,818	199,935	*	1,621	203,508	13,747
Kelem Wellega	210,009	101,400	*	2,519	1,480	21,904	670	*	78,773	1,900
Horoguduru Wellega	399,049	160,200	891	8,537	11,220	53,191	2,755	549	144,879	16,827
West Arsi	973,542	257,131	5,684	9,181	28,048	391,607	*	*	219,875	57,063

TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Somale	347,704	66,347	*	15,479	*	79,991	*	*	174,983	*
Shinele	10,193	617	1,194	1,011	65	1,208	*	28	5,900	162
Jijiga	222,156	58,135	-	3,612	*	53,780	*	-	102,797	*
Liben	115,355	7,595	*	10,856	*	25,003	*	*	66,286	*
Benshangul-Gumuz	198,958	82,447	*	4,097	*	19,347	1,802	*	85,809	*
Metekel	123,851	52,238	*	1,691	*	8,623	*	-	56,813	*
Asosa	41,362	17,527	*	*	*	2,597	*	-	19,475	*
Kemeshi	33,745	12,683	*	*	*	*	*	*	9,522	-
SNNP	5,283,459	1,352,810	67,096	136,188	147,817	2,522,505	8,159	22,983	574,825	451,077
Gurage	541,751	92,493	*	2,552	17,337	312,672	*	*	27,035	83,928
Hadiya	414,256	139,082	*	4,941	22,322	174,642	*	2,567	17,137	50,741
Kembata Tembaro	179,123	48,439	*	*	6,710	84,090	*	*	*	36,901
Sidama	861,136	67,184	14,263	17,503	11,747	548,965	*	10,572	110,659	78,144
Gedio	79,743	5,380	24,741	2,274	*	26,720	-	3,950	14,633	1,534
Wolayita	498,653	152,864	*	4,705	19,880	248,398	*	*	17,830	52,217
South Omo	554,746	68,607	*	84,222	24,465	198,761	*	-	151,379	*
Shaka	45,564	13,667	764	*	-	23,764	-	*	6,678	*
Kaffa	377,157	151,395	2,196	*	*	152,099	*	*	65,347	*
Gamo Gofa	560,533	182,943	2,780	6,916	4,345	260,069	*	1,117	63,809	37,884
Bench Maji	256,209	89,551	*	*	*	142,901	*	*	20,188	*
Yem Sp. Wereda	36,879	17,587	621	*	418	9,003	-	*	6,298	2,699
Amaro Sp. Wereda	71,741	27,537	532	956	*	18,238	*	*	19,727	4,224
Burji Sp. Wereda	30,047	16,722	*	263	669	4,584	-	*	6,474	1,247
Konso Sp. Wereda	70,836	26,160	4,529	2,161	1,663	17,786	*	*	15,904	2,167
Derashe Sp. Wereda	55,393	27,818	1,390	734	*	13,411	*	*	7,747	1,946
Dawro	200,004	54,635	1,251	1,728	10,504	102,153	338	875	8,335	20,185
Basketo Sp. Wereda	16,108	5,802	*	196	508	6,747	*	*	1,828	938
Konta Sp. Wereda	39,783	15,981	*	*	999	16,924	-	-	1,510	4,141
Silte	303,843	115,141	949	*	18,353	122,521	707	-	9,405	36,475
Alaba Sp. Wereda	89,955	33,822	-	615	3,893	38,059	*	*	2,433	10,891
Harari	20,219	4,119	1,098	207	*	6,866	-	*	6,742	1,101
Hundene	20,219	4,119	1,098	207	*	6,866	-	*	6,742	1,101
Addis Ababa	19,645	9,875	399	78	751	3,255	-	52	4,179	1,056
Zone 3	14,459	6,786	354	68	617	2,420	-	52	3,333	829
Zone 6	5,186	3,089	*	*	134	835	-	-	847	227
Dire Dawa	20,932	3,364	917	139	*	12,978	*	-	2,441	937

TABLE 3-8: SHEEP AGED 2 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	12,359,403	469,829	13,695	701,910	66,999	60,441	75,281	10,916,064	55,184
Tigray	513,118	11,232	*	41,629	*	2,027	6,277	447,290	3,856
North West Tigray	34,063	*	-	2,954	*	-	-	28,818	977
Central Tigray	135,899	*	-	13,158	-	-	862	117,855	2,442
Eastern Tigray	199,290	*	*	11,883	-	1,687	4,254	179,314	438
Southern Tigray	126,434	6,810	-	12,804	*	340	1,160	105,092	-
Western Tigray	17,431	*	-	830	-	-	-	16,212	-
Afar	123,087	1,285	*	11,464	*	266	114	109,430	361
Zone 1	46,969	374	*	4,628	*	266	114	41,282	231
Zone 3	76,119	*	*	6,836	*	-	-	68,148	130
Amhara	4,522,301	173,472	*	239,449	35,908	22,541	30,568	3,996,514	18,442
North Gondar	351,024	*	*	21,417	*	-	8,288	316,526	301
South Gondar	430,645	4,180	-	14,767	*	1,182	2,563	404,982	2,638
North Wolo	447,892	21,681	-	40,919	1,954	3,157	1,553	377,836	792
South Wolo	1,132,215	43,134	*	97,537	28,510	342	8,614	950,000	1,068
North Shewa	672,998	66,795	*	24,151	1,118	8,396	3,354	566,586	2,311
East Gojam	822,337	21,762	*	17,230	-	8,693	4,701	762,430	7,252
West Gojam	390,250	11,369	-	12,576	*	280	593	360,566	3,194
Waghamera	47,354	*	*	6,398	-	-	381	39,073	102
Awi	210,579	1,393	-	3,017	*	491	521	204,160	686
Oromia	17,008	*	-	1,437	754	-	-	14,356	99
Oromia	4,631,932	182,184	3,879	194,752	26,218	22,843	26,237	4,150,366	25,453
West Wellega	110,188	1,127	-	9,937	-	416	-	97,719	989
East Wellega	141,932	2,541	*	10,102	*	1,697	3,255	120,647	2,103
Illubabor	214,977	4,023	-	4,934	*	442	2,210	201,866	407
Jimma	474,464	10,630	-	8,809	*	-	-	452,081	2,568
West Shewa	574,504	12,307	*	5,152	*	1,175	1,816	552,388	548
North Shewa	653,149	61,727	*	17,687	*	5,892	1,521	545,497	6,417
East Shewa	306,117	21,989	-	*	*	194	1,477	240,937	1,103
Arsi	639,726	20,558	*	12,860	*	3,960	5,383	587,743	3,695
West Harerghe	98,973	6,535	-	3,218	*	523	933	87,217	223
East Harerghe	166,977	9,748	-	8,723	-	1,389	266	146,851	-
Bale	234,544	5,598	-	9,854	-	855	2,793	213,974	1,470
Borena	147,207	*	-	18,144	-	640	357	124,153	-
South West Shewa	106,246	4,780	*	4,959	*	466	310	95,245	-
Guji	182,594	2,245	*	24,089	*	162	1,318	152,464	761
Kelem Wellega	85,885	2,398	-	4,199	*	105	-	77,296	1,166
Horoguduru Wellega	102,074	631	-	6,043	*	851	2,295	89,082	1,322
West Arsi	392,373	11,433	*	5,803	-	4,076	2,302	365,206	2,683

TABLE 3-8 CONT'D

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Somale	371,228	12,691	*	64,164	*	594	3,268	287,147	242
Shinele	27,359	1,952	*	3,379	*	26	238	21,687	26
Jijiga	275,730	8,409	*	50,889	-	-	3,031	210,849	-
Liben	68,138	*	-	9,896	*	567	-	54,611	216
Benshangul-Gumuz	41,895	779	-	3,650	*	-	177	37,020	-
Metekel	25,709	525	-	1,757	*	-	77	23,176	-
Asosa	8,416	*	-	960	-	-	-	7,383	-
Kemeshi	7,770	181	-	933	*	-	100	6,460	-
SNNP	2,124,900	84,860	1,480	145,629	3,439	12,171	8,253	1,862,274	6,794
Gurage	168,341	1,676	-	3,245	*	7,623	509	153,292	1,458
Hadiya	124,315	2,435	-	3,332	*	-	366	117,813	171
Kembata Tembaro	54,111	6,135	-	785	*	333	107	46,299	342
Sidama	246,429	3,352	-	10,896	*	-	2,275	228,546	946
Gedio	103,336	4,380	-	6,852	-	271	926	90,907	-
Wolayita	82,119	*	-	6,457	*	-	-	72,851	435
South Omo	319,542	*	-	63,684	*	2,329	-	235,654	-
Shaka	22,645	846	-	364	-	62	248	20,993	132
Kaffa	212,787	4,529	*	2,678	*	267	1,075	203,850	160
Gamo Gofa	301,865	14,333	*	17,558	*	-	618	266,110	1,905
Bench Maji	117,897	2,296	*	5,427	-	987	1,133	107,409	464
Yem Sp. Wereda	15,574	287	-	530	*	-	-	14,733	-
Amaro Sp. Wereda	37,731	1,415	*	5,107	187	46	46	30,757	79
Burji Sp. Wereda	2,559	371	-	54	-	-	-	2,134	-
Konso Sp. Wereda	63,231	14,677	*	9,757	-	62	421	38,195	-
Derashe Sp. Wereda	9,883	698	*	1,592	-	-	42	7,436	80
Dawro	56,762	2,708	-	2,356	-	170	325	51,203	-
Basketo Sp. Wereda	7,679	*	-	431	*	21	35	7,075	-
Konta Sp. Wereda	6,917	548	-	339	*	-	-	5,964	-
Silte	149,152	3,648	-	3,194	*	-	126	140,694	622
Alaba Sp. Wereda	22,023	672	-	993	-	-	-	20,358	-
Harari	2,341	501	-	*	-	-	97	1,694	-
Hundene	2,341	501	-	*	-	-	97	1,694	-
Addis Ababa	5,345	233	-	367	-	-	92	4,642	10
Zone 3	3,525	146	-	340	-	-	92	2,938	10
Zone 6	1,820	87	-	*	-	-	-	1,705	-
Dire Dawa	23,255	2,592	-	756	-	-	197	19,685	26

TABLE 3-9: GOATS AGED 2 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Ethiopia	9,221,153	558,851	855,929	50,130	41,043	580,870	7,093,328	41,002
Tigray	1,413,875	40,493	145,260	6,094	5,098	7,226	1,205,511	4,193
North West Tigray	444,802	5,821	44,580	5,360	2,994	*	384,666	*
Central Tigray	521,207	17,190	56,489	*	*	*	443,249	*
Eastern Tigray	105,293	*	9,115	-	-	*	92,099	*
Southern Tigray	197,931	11,649	17,744	*	*	*	164,615	*
Western Tigray	144,642	4,824	17,333	*	1,043	-	120,882	*
Afar	322,116	4,246	26,884	408	1,309	119,714	169,547	*
Zone 1	101,189	377	9,019	*	462	27,832	63,438	*
Zone 3	220,928	3,869	17,865	*	*	91,882	106,109	-
Amhara	2,606,548	247,778	213,004	17,224	14,380	15,207	2,081,434	17,521
North Gonder	588,686	22,614	45,883	*	*	*	509,295	*
South Gonder	283,968	21,932	22,810	*	*	*	224,827	*
North Wolo	321,826	23,896	31,080	*	*	*	259,942	*
South Wolo	417,694	50,002	47,209	6,182	*	*	309,427	*
North Shewa	384,876	101,451	16,367	*	2,756	*	260,437	*
East Gojam	153,277	9,233	*	*	*	*	133,101	*
West Gojam	128,984	6,480	6,466	*	-	*	113,965	-
Waghamera	198,426	5,159	29,768	*	*	*	155,871	*
Awi	53,672	4,566	*	-	-	-	47,483	-
Oromia	75,139	2,446	4,182	*	*	*	67,086	-
Oromia	2,783,290	150,112	204,049	12,664	10,685	228,364	2,162,112	15,305
West Wellega	30,411	*	2,478	-	-	*	25,972	*
East Wellega	49,471	*	3,776	*	*	1,626	42,318	*
Illubabor	58,659	2,643	*	-	*	*	52,609	-
Jimma	132,029	4,678	2,126	*	*	*	123,833	-
West Shewa	142,601	9,699	*	-	*	*	114,158	*
North Shewa	72,423	8,078	3,369	-	-	-	60,975	-
East Shewa	236,384	11,528	15,741	*	*	*	180,496	*
Arsi	209,709	9,901	7,190	*	*	*	186,188	-
West Harerghe	355,123	33,162	18,152	*	*	*	267,884	*
East Harerghe	447,543	41,412	23,173	*	*	27,682	353,028	*
Bale	242,701	7,001	13,574	*	*	60,191	157,872	*
Borena	371,039	*	49,264	455	*	35,446	277,646	*
South West Shewa	90,406	9,860	6,829	-	*	*	72,256	*
Guji	142,141	*	30,395	*	-	*	105,004	*
Kelem Wellega	23,826	*	2,350	-	*	-	19,700	*
Horoguduru Wellega	41,226	1,033	2,407	*	*	*	33,506	*
West Arsi	137,597	*	5,344	*	*	36,425	88,667	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	555,610	26,911	76,748	*	3,799	70,378	375,197	*
Shinele	64,279	3,656	6,873	-	70	470	53,210	-
Jijiga	267,986	*	37,925	-	*	11,224	201,467	-
Liben	223,345	6,500	31,949	*	3,114	58,684	120,520	*
Benshangul-Gumuz	142,507	3,305	11,093	528	*	*	126,466	*
Metekel	54,653	1,574	3,600	*	-	-	49,283	-
Asosa	56,505	560	4,825	*	*	*	50,381	*
Kemeshi	31,349	*	2,669	*	*	*	26,802	*
SNNP	1,311,683	78,915	175,676	12,087	5,055	134,050	903,712	2,187
Gurage	47,976	*	*	*	*	*	41,169	-
Hadiya	56,386	*	*	-	*	7,395	44,313	-
Kembata Tembaro	20,044	*	*	*	*	1,137	17,261	-
Sidama	106,357	8,019	*	*	*	24,368	66,344	-
Gedio	5,706	*	*	-	*	*	4,627	-
Wolayita	48,965	*	2,259	-	*	*	45,630	-
South Omo	537,319	*	116,437	*	*	*	300,865	*
Shaka	3,526	*	-	*	-	-	3,301	*
Kaffa	50,848	1,310	*	642	*	-	47,092	*
Gamo Gofa	102,821	2,610	9,491	*	-	*	85,298	-
Bench Maji	23,723	595	1,219	-	*	-	21,633	*
Yem Sp. Wereda	10,876	*	*	-	-	*	10,591	-
Amaro Sp. Wereda	29,632	2,672	2,414	*	*	*	23,463	-
Burji Sp. Wereda	17,236	1,024	2,032	-	*	*	14,121	-
Konso Sp. Wereda	100,992	15,005	15,722	*	*	*	68,559	-
Derashe Sp. Wereda	43,683	4,684	8,005	*	*	*	29,843	*
Dawro	18,627	*	1,683	-	-	*	16,249	-
Basketo Sp. Wereda	1,638	*	125	-	-	*	1,464	-
Konta Sp. Wereda	4,401	333	*	-	-	-	3,930	-
Silte	56,783	2,224	1,533	*	-	7,811	44,949	-
Alaba Sp. Wereda	24,144	2,047	1,151	*	*	7,273	13,009	*
Harari	16,421	926	826	-	*	1,369	13,221	*
Hundene	16,421	926	826	-	*	1,369	13,221	*
Addis Ababa	1,901	241	97	-	*	-	1,517	*
Zone 3	1,287	*	87	-	-	-	1,071	*
Zone 6	614	121	*	-	*	-	446	-
Dire Dawa	67,202	5,924	2,293	*	*	3,971	54,611	-

TABLE 3-10: HORSES AGED 3 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	1,276,188	524,275	69,772	10,074	388,737	63,232	220,098
Tigray	1,992	1,616	-	*	*	-	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	-	-	*	-	-	-
Southern Tigray	*	*	-	-	*	-	-
Western Tigray	*	*	-	-	-	-	*
Afar	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	220,011	39,636	54,923	*	26,245	44,863	54,062
North Gonder	27,923	3,604	*	-	*	*	*
South Gonder	15,196	3,067	*	-	1,236	*	5,972
North Wolo	15,492	*	*	-	*	*	*
South Wolo	22,885	5,074	*	-	7,490	*	6,761
North Shewa	30,348	*	*	*	*	*	10,454
East Gojam	49,828	15,707	*	-	3,842	*	12,453
West Gojam	13,300	3,876	*	-	*	*	*
Waghamera	*	-	-	-	-	*	-
Awi	44,940	2,104	28,134	-	-	13,123	*
Oromia	-	-	-	-	-	-	-
Oromia	797,117	371,222	8,431	4,093	289,854	10,696	112,822
West Wellega	2,527	*	-	*	1,469	-	-
East Wellega	*	*	-	-	*	-	*
Illubabor	25,297	10,284	*	*	8,596	*	*
Jimma	69,975	25,301	*	-	15,396	*	28,580
West Shewa	125,449	58,063	2,455	1,145	29,539	7,687	26,559
North Shewa	71,317	27,929	-	*	35,588	-	*
East Shewa	7,551	5,758	*	-	*	-	-
Arsi	130,787	57,624	-	-	60,258	-	12,905
West Harerghe	*	*	-	-	*	*	*
East Harerghe	-	-	-	-	-	-	-
Bale	62,242	33,775	*	*	25,338	*	*
Borena	5,593	1,759	*	-	*	-	*
South West Shewa	25,163	19,446	-	*	4,063	-	*
Guji	95,994	46,724	1,645	*	34,795	*	11,482
Kelem Wellega	1,845	*	*	-	*	*	*
Horoguduru Wellega	26,943	10,128	423	*	13,879	*	1,871
West Arsi	141,612	71,898	*	*	56,572	*	11,227

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	-	*	*	-	*
Metekel	*	*	-	*	*	-	*
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
SNNP	255,962	111,206	6,400	5,452	72,310	7,672	52,923
Gurage	43,252	12,363	-	-	12,824	*	17,301
Hadiya	15,531	5,839	-	*	5,857	*	3,457
Kembata Tembaro	4,698	2,455	-	-	1,473	-	770
Sidama	50,546	26,048	-	-	19,858	-	*
Gedio	24,725	14,741	*	1,887	5,575	*	*
Wolayita	*	*	-	-	-	-	-
South Omo	8,869	2,924	*	-	2,649	*	*
Shaka	2,414	2,214	-	-	*	-	*
Kaffa	42,490	23,272	*	*	4,508	-	14,219
Gamo Gofa	26,177	5,076	*	2,219	6,591	5,716	3,325
Bench Maji	11,361	4,399	-	*	6,690	*	-
Yem Sp. Wereda	441	104	-	-	337	-	-
Amaro Sp. Wereda	3,571	1,877	-	-	1,293	-	*
Burji Sp. Wereda	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	-	*	-
Dawro	5,947	2,140	-	-	1,290	-	2,517
Basketo Sp. Wereda	228	170	*	-	*	-	-
Konta Sp. Wereda	1,356	715	-	*	470	-	*
Silte	10,188	3,801	-	*	1,892	-	*
Alaba Sp. Wereda	3,333	2,427	-	-	906	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Addis Ababa	556	509	*	*	*	-	-
Zone 3	319	308	-	-	*	-	-
Zone 6	237	201	*	*	-	-	-
Dire Dawa	-	-	-	-	-	-	-

TABLE 3-11: DONKEYS AGED 3 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	3,377,565	1,166,686	295,762	29,300	1,380,755	373,976	131,086
Tigray	335,925	107,558	68,866	*	92,420	61,223	4,898
North West Tigray	54,760	14,975	8,943	-	23,067	7,348	*
Central Tigray	86,744	23,871	14,557	-	25,329	21,771	*
Eastern Tigray	50,998	14,354	10,193	-	14,823	9,083	*
Southern Tigray	112,870	32,832	32,706	*	24,911	21,395	*
Western Tigray	30,552	21,526	*	*	4,291	*	*
Afar	8,517	3,706	*	*	4,452	*	*
Zone 1	2,048	1,130	*	*	795	-	*
Zone 3	6,469	2,576	*	*	3,656	*	*
Amhara	1,089,229	307,546	84,623	7,274	428,633	192,530	68,622
North Gonder	146,945	58,963	*	*	62,435	13,176	*
South Gonder	106,618	14,980	4,899	*	57,721	18,482	9,922
North Wolo	118,970	34,761	8,144	*	48,639	16,932	10,058
South Wolo	200,086	50,015	18,675	*	87,487	20,566	22,289
North Shewa	196,076	85,758	5,600	*	87,136	16,789	*
East Gojam	135,777	27,799	20,621	*	17,500	52,270	14,230
West Gojam	99,495	12,023	10,657	*	36,577	36,436	*
Waghamera	31,630	9,658	3,930	*	7,649	7,262	2,670
Awi	30,225	6,380	4,005	*	9,293	*	*
Oromia	23,405	7,209	*	-	14,196	1,276	*
Oromia	1,576,988	594,580	117,141	13,741	693,385	110,642	47,499
West Wellega	63,820	23,261	*	-	38,219	803	*
East Wellega	59,986	18,376	3,606	*	30,238	*	3,320
Illubabor	13,385	5,927	*	*	3,334	-	*
Jimma	46,704	23,610	*	-	12,990	*	3,507
West Shewa	90,427	28,564	8,077	*	37,424	13,790	*
North Shewa	131,938	22,736	19,058	*	50,151	34,257	*
East Shewa	193,384	75,758	*	-	97,183	9,362	-
Arsi	197,122	81,775	*	*	95,614	*	*
West Harerghe	143,234	54,850	9,422	*	59,680	8,316	*
East Harerghe	131,467	50,170	35,817	*	34,739	7,700	*
Bale	157,600	79,213	*	*	74,116	825	*
Borena	54,118	26,529	*	*	24,285	*	*
South West Shewa	90,960	29,088	14,888	*	24,857	21,405	*
Guji	35,041	18,890	*	*	10,921	*	-
Kelem Wellega	17,804	8,184	1,314	-	7,975	*	*
Horoguduru Wellega	33,827	8,887	*	*	19,371	427	3,525
West Arsi	116,170	38,764	*	-	72,288	*	3,533

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	76,158	35,741	*	*	38,145	110	989
Shinele	2,697	1,332	43	-	1,243	*	-
Jijiga	52,723	25,527	*	*	26,375	-	*
Liben	20,739	8,882	*	*	10,527	*	*
Benshangul-Gumuz	32,061	11,158	11,029	*	6,715	1,900	*
Metekel	14,981	2,265	10,251	-	1,229	1,236	-
Asosa	12,076	5,652	*	*	4,452	*	*
Kemeshi	5,004	3,240	610	*	1,034	-	104
SNNP	239,483	97,343	11,508	6,301	110,029	6,651	7,651
Gurage	32,597	13,592	*	-	17,632	-	*
Hadiya	36,501	9,234	-	*	24,733	-	*
Kembata Tembaro	18,379	15,673	-	-	2,706	-	-
Sidama	29,344	18,783	-	*	10,170	-	-
Gedio	2,149	1,694	*	*	-	-	-
Wolayita	24,372	12,959	*	3,724	*	-	*
South Omo	6,063	1,122	*	-	3,696	538	-
Shaka	1,090	1,090	-	-	-	-	-
Kaffa	*	*	-	-	*	-	-
Gamo Gofa	12,047	5,906	*	*	*	*	-
Bench Maji	*	*	-	-	*	-	-
Yem Sp. Wereda	1,949	1,034	*	-	710	*	-
Amaro Sp. Wereda	774	469	*	*	*	-	*
Burji Sp. Wereda	3,122	493	1,176	-	568	872	*
Konso Sp. Wereda	2,995	320	998	-	*	1,127	*
Derashe Sp. Wereda	8,812	*	6,129	*	*	2,212	-
Dawro	1,485	1,137	-	*	*	-	-
Basketo Sp. Wereda	*	*	-	*	-	-	-
Konta Sp. Wereda	*	*	-	-	-	-	-
Silte	40,730	9,882	-	-	30,849	-	-
Alaba Sp. Wereda	16,167	3,008	*	-	12,909	*	*
Harari	5,464	2,285	821	*	1,886	349	*
Hundene	5,464	2,285	821	*	1,886	349	*
Addis Ababa	5,852	4,191	962	*	538	142	-
Zone 3	3,832	3,207	477	-	126	*	-
Zone 6	2,020	985	485	*	412	119	-
Dire Dawa	7,889	2,578	*	*	4,552	357	*

TABLE 3-12: MULES AGED 3 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	279,243	132,649	9,805	3,007	122,088	8,600	3,094
Tigray	7,055	2,719	-	-	3,494	*	*
North West Tigray	724	-	-	-	724	-	-
Central Tigray	*	*	-	-	*	-	-
Eastern Tigray	*	*	-	-	*	-	-
Southern Tigray	3,903	1,202	-	-	1,859	*	*
Western Tigray	890	*	-	-	295	-	-
Afar	157	109	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	157	109	-	-	*	-	-
Amhara	73,666	26,651	7,249	*	34,831	*	*
North Gonder	7,882	3,303	*	-	3,807	-	*
South Gonder	11,109	5,438	*	*	3,649	*	*
North Wolo	8,877	2,707	-	-	6,170	-	-
South Wolo	16,393	5,957	-	-	10,436	-	-
North Shewa	6,528	3,429	-	-	3,099	-	-
East Gojam	9,074	*	*	-	2,328	*	-
West Gojam	9,118	1,652	*	*	3,708	*	*
Waghamera	1,563	*	*	-	868	-	-
Awi	3,062	1,099	*	-	*	-	-
Oromia	*	*	-	-	-	-	-
Oromia	139,335	72,269	1,256	*	62,257	2,860	*
West Wellega	3,598	2,702	-	-	896	-	-
East Wellega	5,469	1,909	*	*	2,867	*	-
Illubabor	9,888	3,444	*	-	5,996	*	-
Jimma	24,558	7,462	-	-	15,249	*	*
West Shewa	6,121	3,900	-	-	1,921	*	-
North Shewa	5,139	1,591	-	-	3,548	-	-
East Shewa	7,090	7,090	-	-	-	-	-
Arsi	18,836	9,172	-	-	9,338	*	-
West Harerghe	*	*	-	-	*	-	-
East Harerghe	*	*	-	-	-	-	-
Bale	16,115	11,527	-	-	4,385	*	-
Borena	5,655	3,363	-	*	2,146	-	-
South West Shewa	10,653	4,752	*	-	5,744	-	-
Guji	12,126	7,596	-	-	4,530	-	-
Kelem Wellega	7,407	4,421	*	-	2,298	*	-
Horoguduru Wellega	2,802	1,250	-	-	1,553	-	-
West Arsi	1,095	*	-	-	*	-	-

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	*	-	-	-	*	-	-
Shinele	*	-	-	-	*	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	-	-	-	*	-	-
Benshangul-Gumuz	1,328	224	*	-	1,003	-	-
Metekel	821	*	*	-	*	-	-
Asosa	*	-	-	-	*	-	-
Kemeshi	*	*	-	-	*	-	-
SNNP	57,202	30,354	1,188	2,164	20,290	*	*
Gurage	3,605	*	-	-	2,638	*	-
Hadiya	4,665	2,413	-	*	1,897	*	-
Kembata Tembaro	2,022	778	-	-	1,244	-	-
Sidama	*	*	-	-	*	-	-
Gedio	5,511	2,582	*	910	*	-	*
Wolayita	888	*	-	-	*	-	-
South Omo	1,927	1,113	*	*	571	-	-
Shaka	488	257	-	-	231	-	-
Kaffa	9,674	7,312	-	-	2,362	-	-
Gamo Gofa	10,227	4,216	*	*	2,019	*	*
Bench Maji	6,023	3,803	-	-	2,220	-	-
Yem Sp. Wereda	*	*	-	-	*	-	-
Amaro Sp. Wereda	1,342	723	-	-	618	-	-
Burji Sp. Wereda	79	*	-	-	*	*	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	405	*	*	-	*	*	-
Dawro	4,009	2,348	-	-	1,578	-	*
Basketo Sp. Wereda	462	331	-	*	108	-	-
Konta Sp. Wereda	459	*	-	-	173	-	*
Silte	3,068	2,123	-	-	806	-	*
Alaba Sp. Wereda	1,067	*	-	-	453	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Addis Ababa	398	323	*	-	66	-	-
Zone 3	168	139	-	-	29	-	-
Zone 6	230	184	*	-	*	-	-
Dire Dawa	-	-	-	-	-	-	-

TABLE 3-13: CAMELS AGED 4 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND REGION

[illegible]

TABLE 3-13 CONT'D

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALE				FEMALE				
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
Somale	187,612	44,103	4,085	*	4,244	*	*	*	102,921	17,597
Shinele	5,464	1,924	569	-	-	170	115	-	2,193	493
Jijiga	56,346	23,674	*	*	*	4,585	-	*	*	*
Liben	125,801	18,505	*	*	3,718	*	*	-	79,866	12,438
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	*	-	-	-	*	*
Hundene	*	*	*	*	*	-	-	-	*	*
Addis Ababa	-	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-	-
Dire Dawa	5,598	1,943	*	-	-	*	-	-	*	585

TABLE 3-14: NUMBER OF CATTLE BY SEX, BREED, ZONE, AND REGION

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	43,007,315	19,050,789	97,663	11,408	23,677,091	151,139	19,225
Tigray	2,922,407	1,387,720	4,413	1,007	1,523,368	3,874	2,026
North West Tigray	828,099	363,197	*	-	463,786	*	-
Central Tigray	642,694	344,624	*	*	295,539	855	*
Eastern Tigray	291,253	143,482	*	*	141,108	2,295	*
Southern Tigray	695,426	352,383	*	-	342,033	*	-
Western Tigray	464,935	184,034	-	-	280,901	-	-
Afar	447,980	86,015	-	-	361,929	*	-
Zone 1	140,590	20,483	-	-	120,107	-	-
Zone 3	307,390	65,532	-	-	241,822	*	-
Amhara	10,483,052	5,327,128	22,150	*	5,100,634	27,236	3,944
North Gonder	1,860,538	863,991	*	*	991,760	*	*
South Gonder	1,233,628	636,537	*	*	593,403	*	*
North Wolo	836,697	418,030	-	-	418,667	-	-
South Wolo	1,406,326	718,904	*	-	683,470	*	*
North Shewa	1,157,897	653,280	16,126	-	470,355	18,137	-
East Gojam	1,278,778	690,030	*	-	582,113	*	*
West Gojam	1,496,207	789,659	*	-	705,975	-	-
Waghamera	248,414	123,166	-	-	125,248	-	-
Awi	675,775	305,539	*	*	368,844	-	*
Oromia	288,792	127,993	-	-	160,799	-	-
Oromia	19,663,215	8,810,704	60,913	7,997	10,682,677	89,356	11,568
West Wellega	802,340	363,132	-	-	439,207	-	-
East Wellega	976,935	455,681	-	-	521,254	-	-
Illubabor	813,639	383,027	-	*	429,329	*	*
Jimma	2,016,403	943,378	-	-	1,073,025	-	-
West Shewa	1,767,482	856,370	*	-	903,467	*	*
North Shewa	1,372,809	625,161	20,853	1,902	686,647	32,909	5,337
East Shewa	1,088,336	571,234	3,029	*	508,959	*	*
Arsi	2,077,475	1,003,926	16,901	4,141	1,018,672	31,566	*
West Harerghe	949,305	431,231	*	-	517,597	*	-
East Harerghe	958,600	381,092	*	-	575,718	*	*
Bale	1,268,550	586,241	*	*	679,575	*	-
Borena	1,176,620	411,264	-	-	765,356	-	-
South West Shewa	795,293	407,631	-	*	386,476	*	*
Guji	1,034,030	372,247	-	-	661,783	-	-
Kelem Wellega	332,649	164,859	-	*	167,465	-	*
Horoguduru Wellega	624,014	289,845	*	-	334,096	-	-
West Arsi	1,608,737	564,384	13,609	*	1,014,051	15,536	*

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	608,206	197,027	-	-	411,164	*	-
Shinele	18,783	7,030	-	-	11,737	*	-
Jijiga	388,642	136,064	-	-	252,578	-	-
Liben	200,782	53,933	-	-	146,849	-	-
Benshangul-Gumuz	322,663	146,244	-	-	176,419	-	-
Metekel	206,669	93,671	-	-	112,998	-	-
Asosa	64,811	28,932	-	-	35,879	-	-
Kemeshi	51,183	23,641	-	-	27,542	-	-
SNNP	8,454,113	3,053,039	9,933	*	5,359,660	29,607	*
Gurage	907,571	266,070	*	-	640,752	*	-
Hadiya	624,405	267,076	*	-	353,839	*	-
Kembata Tembaro	278,910	94,013	5,227	*	159,612	18,464	*
Sidama	1,437,562	331,773	-	-	1,104,570	*	-
Gedio	121,008	53,404	-	-	67,604	-	-
Wolayita	808,211	321,740	*	*	482,300	2,747	-
South Omo	891,963	327,359	*	-	562,923	*	-
Shaka	78,496	30,969	-	-	47,527	-	-
Kaffa	622,818	267,512	*	-	354,385	*	-
Gamo Gofa	914,983	343,343	*	-	568,441	1,707	-
Bench Maji	419,501	152,824	-	-	266,677	-	-
Yem Sp. Wereda	49,384	24,608	-	-	24,776	-	-
Amaro Sp. Wereda	103,266	43,476	-	-	59,789	-	-
Burji Sp. Wereda	41,363	22,667	-	-	18,695	-	-
Konso Sp. Wereda	98,495	48,662	-	-	49,833	-	-
Derashe Sp. Wereda	77,966	41,663	-	-	36,303	-	-
Dawro	313,094	120,939	-	-	192,156	-	-
Basketo Sp. Wereda	26,215	11,026	-	-	15,189	-	-
Konta Sp. Wereda	61,250	26,494	*	-	34,727	-	-
Silte	442,016	196,647	-	-	244,849	*	-
Alaba Sp. Wereda	135,637	60,775	*	-	74,713	*	-
Harari	37,518	13,431	*	-	23,805	209	*
Hundene	37,518	13,431	*	-	23,805	209	*
Addis Ababa	29,205	16,222	146	30	11,879	749	179
Zone 3	21,136	11,191	104	21	9,208	453	*
Zone 6	8,068	5,030	*	*	2,671	*	*
Dire Dawa	38,955	13,261	*	*	25,556	*	-

TABLE 3-15 NUMBERS OF SHEEP BY SEX, BREED, ZONE, AND REGION

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	23,617,496	6,245,292	4,899	2,727	17,356,064	6,096	2,418
Tigray	972,500	251,610	-	*	719,524	-	-
North West Tigray	77,646	20,291	-	-	57,355	-	-
Central Tigray	255,986	64,100	-	-	191,887	-	-
Eastern Tigray	377,246	95,327	-	-	281,919	-	-
Southern Tigray	231,111	65,843	-	*	163,902	-	-
Western Tigray	30,511	6,049	-	-	24,462	-	-
Afar	247,597	49,669	-	-	197,928	-	-
Zone 1	85,554	16,698	-	-	68,855	-	-
Zone 3	162,044	32,971	-	-	129,073	-	-
Amhara	8,235,904	2,142,116	*	*	6,086,899	3,125	*
North Gonder	673,416	167,553	-	-	505,863	-	-
South Gonder	775,281	175,435	-	-	599,576	*	-
North Wolo	798,128	209,212	*	*	585,144	*	-
South Wolo	1,998,539	599,506	-	-	1,399,033	-	-
North Shewa	1,265,757	363,026	*	-	901,893	*	-
East Gojam	1,434,007	291,563	*	*	1,141,348	*	-
West Gojam	769,899	206,116	-	-	563,783	-	-
Waghamera	84,302	25,350	*	-	58,400	*	-
Awi	401,084	90,458	-	-	310,267	-	*
Oromia	35,491	13,899	-	-	21,591	-	-
Oromia	9,264,558	2,468,297	*	-	6,793,287	*	*
West Wellega	253,615	70,542	-	-	183,074	-	-
East Wellega	303,544	81,329	-	-	222,215	-	-
Illubabor	440,071	115,164	-	-	324,907	-	-
Jimma	920,704	226,719	-	-	693,985	-	-
West Shewa	1,228,411	285,226	-	-	942,904	*	-
North Shewa	1,162,812	336,760	-	-	826,051	-	-
East Shewa	536,483	161,867	-	-	373,990	*	-
Arsi	1,313,210	334,991	-	-	977,549	*	-
West Harerghe	189,738	51,983	-	-	137,756	-	-
East Harerghe	355,247	106,178	-	-	249,070	-	-
Bale	476,785	125,338	-	-	351,447	-	-
Borena	268,107	78,565	-	-	189,542	-	-
South West Shewa	230,307	77,336	-	-	152,972	-	-
Guji	346,344	106,585	-	-	239,759	-	-
Kelem Wellega	188,650	51,441	-	-	136,999	-	*
Horoguduru Wellega	222,418	61,280	-	-	161,137	-	-
West Arsi	828,110	196,993	*	-	629,931	*	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	714,685	232,835	*	*	480,726	*	*
Shinele	64,482	21,870	-	-	42,613	-	-
Jijiga	514,376	171,227	*	*	342,025	*	*
Liben	135,827	39,739	-	-	96,088	-	-
Benshangul-Gumuz	89,055	23,174	-	*	63,769	-	*
Metekel	56,126	15,009	-	*	39,005	-	*
Asosa	15,775	3,233	-	-	12,542	-	-
Kemeshi	17,154	4,933	-	-	12,221	-	-
SNNP	4,029,530	1,058,414	*	*	2,969,441	*	-
Gurage	347,182	78,201	-	-	268,982	-	-
Hadiya	241,406	54,998	-	-	186,407	-	-
Kembata Tembaro	108,593	31,137	-	-	77,456	-	-
Sidama	453,246	109,572	-	-	343,674	-	-
Gedio	199,058	55,277	-	-	143,781	-	-
Wolayita	177,702	47,601	-	*	129,887	-	-
South Omo	621,262	206,640	-	-	414,622	-	-
Shaka	46,903	13,839	-	*	33,023	-	-
Kaffa	405,625	92,975	-	-	312,650	-	-
Gamo Gofa	527,631	118,582	*	-	407,628	*	-
Bench Maji	221,250	54,687	-	-	166,563	-	-
Yem Sp. Wereda	28,887	6,763	-	-	22,124	-	-
Amaro Sp. Wereda	61,375	18,793	-	-	42,582	-	-
Burji Sp. Wereda	4,345	1,333	-	-	3,012	-	-
Konso Sp. Wereda	93,302	37,522	-	-	55,780	-	-
Derashe Sp. Wereda	15,526	4,721	-	-	10,805	-	-
Dawro	113,554	33,656	-	-	79,897	-	-
Basketo Sp. Wereda	14,778	3,117	-	-	11,661	-	-
Konta Sp. Wereda	16,811	7,136	-	-	9,675	-	-
Silte	290,871	71,919	-	-	218,952	-	-
Alaba Sp. Wereda	40,223	9,943	-	-	30,281	-	-
Harari	4,265	1,417	-	-	2,848	-	-
Hundene	4,265	1,417	-	-	2,848	-	-
Addis Ababa	10,735	2,979	-	-	7,756	-	-
Zone 3	7,116	2,094	-	-	5,021	-	-
Zone 6	3,619	885	-	-	2,734	-	-
Dire Dawa	48,666	14,780	-	-	33,886	-	-

TABLE 3-16: NUMBER OF GOATS BY SEX, BREED, ZONE, AND REGION

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	18,423,395	5,446,810	*	*	12,974,163	*	*
Tigray	2,751,911	727,116	*	-	2,023,542	*	*
North West Tigray	947,778	245,541	-	-	702,237	-	-
Central Tigray	952,257	253,834	*	-	697,170	*	*
Eastern Tigray	193,084	50,111	-	-	142,973	-	-
Southern Tigray	361,112	98,154	-	-	262,959	-	-
Western Tigray	297,680	79,476	-	-	218,204	-	-
Afar	627,897	113,698	-	-	514,199	-	-
Zone 1	188,499	32,546	-	-	155,953	-	-
Zone 3	439,397	81,152	-	-	358,246	-	-
Amhara	5,140,542	1,635,574	-	-	3,504,968	-	-
North Gonder	1,243,194	358,510	-	-	884,684	-	-
South Gonder	542,136	160,751	-	-	381,385	-	-
North Wolo	594,596	177,693	-	-	416,903	-	-
South Wolo	810,432	288,068	-	-	522,364	-	-
North Shewa	749,192	302,569	-	-	446,623	-	-
East Gojam	291,956	78,169	-	-	213,787	-	-
West Gojam	299,720	93,803	-	-	205,917	-	-
Waghamera	351,434	102,840	-	-	248,594	-	-
Awi	110,714	34,245	-	-	76,470	-	-
Oromia	147,168	38,926	-	-	108,242	-	-
Oromia	5,787,278	1,707,753	-	-	4,078,892	*	*
West Wellega	73,987	19,996	-	-	53,991	-	-
East Wellega	106,429	31,163	-	-	75,266	-	-
Illubabor	128,722	37,108	-	-	91,614	-	-
Jimma	269,700	71,507	-	-	198,192	-	-
West Shewa	323,826	100,441	-	-	223,385	-	-
North Shewa	156,823	53,911	-	-	102,912	-	-
East Shewa	496,714	133,752	-	-	362,962	-	-
Arsi	417,887	123,135	-	-	294,752	-	-
West Harerghe	762,794	229,022	-	-	533,772	-	-
East Harerghe	943,929	310,826	-	-	632,760	*	-
Bale	474,805	129,459	-	-	345,345	-	-
Borena	696,992	191,878	-	-	505,114	-	-
South West Shewa	189,863	61,550	-	-	128,313	-	-
Guji	282,222	93,621	-	-	188,311	-	*
Kelem Wellega	57,334	14,699	-	-	42,635	-	-
Horoguduru Wellega	97,200	29,067	-	-	68,133	-	-
West Arsi	308,052	76,618	-	-	231,434	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,062,084	301,775	-	-	760,309	-	-
Shinele	153,790	46,205	-	-	107,585	-	-
Jijiga	467,807	138,400	-	-	329,407	-	-
Liben	440,487	117,171	-	-	323,316	-	-
Benshangul-Gumuz	339,455	95,139	-	*	244,242	-	-
Metekel	140,119	40,415	-	-	99,704	-	-
Asosa	126,214	33,620	-	*	92,520	-	-
Kemeshi	73,123	21,104	-	-	52,019	-	-
SNNP	2,538,751	818,928	*	-	1,719,360	*	-
Gurage	97,621	26,721	-	-	70,900	-	-
Hadiya	112,198	31,768	-	-	80,430	-	-
Kembata Tembaro	40,987	8,904	*	-	31,621	*	-
Sidama	196,201	60,589	-	-	135,612	-	-
Gedio	10,316	3,906	-	-	6,410	-	-
Wolayita	121,849	30,863	-	-	90,987	-	-
South Omo	1,011,044	364,248	-	-	646,797	-	-
Shaka	6,908	1,680	-	-	5,228	-	-
Kaffa	107,975	30,135	-	-	77,840	-	-
Gamo Gofa	202,174	54,372	-	-	147,802	-	-
Bench Maji	50,494	15,431	-	-	35,064	-	-
Yem Sp. Wereda	20,517	4,974	-	-	15,542	-	-
Amaro Sp. Wereda	51,006	14,606	-	-	36,400	-	-
Burji Sp. Wereda	29,470	9,011	-	-	20,459	-	-
Konso Sp. Wereda	171,810	63,968	-	-	107,841	-	-
Derashe Sp. Wereda	77,809	27,644	-	-	50,165	-	-
Dawro	45,703	15,499	-	-	30,205	-	-
Basketo Sp. Wereda	3,584	814	-	-	2,770	-	-
Konta Sp. Wereda	10,327	3,441	-	-	6,886	-	-
Silte	116,295	33,302	-	-	82,992	-	-
Alaba Sp. Wereda	54,462	17,055	-	-	37,407	-	-
Harari	34,450	10,759	-	-	23,691	-	-
Hundene	34,450	10,759	-	-	23,691	-	-
Addis Ababa	3,695	1,181	-	-	2,514	-	-
Zone 3	2,614	793	-	-	1,821	-	-
Zone 6	1,081	388	-	-	693	-	-
Dire Dawa	137,330	34,886	-	-	102,445	-	-

TABLE 3-17: POULTRY INVENTORY BY TYPE, ZONE, AND REGION
a. All

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	33,957,837	3,503,174	1,688,422	3,056,922	1,171,052	13,401,179	11,137,088
Tigray	3,474,394	279,628	264,215	402,889	138,759	1,434,518	954,386
North West Tigray	914,511	57,260	80,453	110,467	36,977	455,167	174,185
Central Tigray	961,074	77,063	70,835	119,035	23,727	389,235	281,178
Eastern Tigray	419,757	40,601	29,649	54,551	10,780	86,942	197,234
Southern Tigray	732,775	74,565	39,123	73,168	50,871	277,908	217,140
Western Tigray	446,278	30,139	44,153	45,668	16,404	225,266	84,648
Afar	43,798	3,430	1,964	3,755	2,116	21,162	11,371
Zone 1	1,186	323	50	*	121	318	334
Zone 3	42,612	3,108	1,914	3,715	1,995	20,844	11,036
Amhara	10,368,274	1,031,463	450,581	861,446	309,848	4,412,039	3,302,897
North Gondar	2,528,797	177,191	154,024	218,363	83,381	1,331,515	564,324
South Gondar	1,186,839	78,533	54,669	93,184	35,989	533,522	390,942
North Wolo	1,091,512	203,780	42,346	102,936	34,539	408,900	299,012
South Wolo	1,334,512	246,087	28,246	77,010	37,859	390,887	554,423
North Shewa	1,026,508	104,639	38,907	75,259	33,409	287,435	486,860
East Gojam	583,512	51,834	12,937	43,977	38,330	160,384	276,048
West Gojam	1,483,367	80,514	69,234	146,208	19,705	740,536	427,169
Waghamera	328,019	33,463	19,978	37,303	11,328	151,339	74,608
Awi	600,572	34,639	19,610	46,963	8,877	314,387	176,097
Oromia	204,637	20,783	10,630	20,242	6,431	93,135	53,415
Oromia	12,603,660	1,473,876	620,296	1,106,541	530,754	4,369,195	4,502,998
West Wellega	845,929	105,812	45,115	86,834	39,266	330,665	238,237
East Wellega	662,616	85,576	32,683	54,703	49,736	259,618	180,300
Illubabor	826,528	105,672	47,513	59,644	38,591	328,381	246,728
Jimma	1,488,848	176,604	50,077	105,725	43,327	595,614	517,501
West Shewa	950,021	107,647	15,702	58,993	40,180	330,716	396,782
North Shewa	449,883	53,495	12,281	35,471	14,508	96,609	237,518
East Shewa	764,322	77,306	35,606	61,754	38,512	224,035	327,109
Arsi	1,137,449	112,152	71,610	127,101	44,082	325,639	456,865
West Harerghe	940,909	91,873	50,852	100,577	30,778	358,153	308,676
East Harerghe	1,061,909	136,817	62,533	105,473	45,510	274,430	437,147
Bale	515,198	65,719	34,947	52,251	15,465	148,250	198,568
Borena	468,036	55,795	39,267	60,764	10,112	169,975	132,123
South West Shewa	527,665	52,280	11,359	27,663	22,209	208,827	205,326
Guji	556,005	85,253	36,308	52,892	27,821	175,808	177,923
Kelem Wellega	466,815	60,161	24,976	38,629	16,709	195,817	130,522
Horoguduru Wellega	315,112	42,300	19,885	31,954	20,473	119,985	80,515
West Arsi	626,415	59,413	29,583	46,114	33,475	226,673	231,158

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	106,534	18,272	6,252	11,445	4,431	20,340	45,795
Shinele	4,412	590	214	719	104	1,129	1,657
Jijiga	41,318	8,997	*	*	2,921	1,630	23,619
Liben	60,804	8,684	4,058	8,555	1,406	17,582	20,519
Benshangul-Gumuz	742,858	64,016	49,680	85,083	17,297	365,861	160,922
Metekel	305,806	23,820	23,865	34,888	7,587	154,407	61,239
Asosa	302,062	28,811	17,146	38,312	5,567	142,607	69,619
Kemeshi	134,991	11,385	8,668	11,883	4,143	68,847	30,064
SNNP	6,517,126	619,811	289,862	576,233	165,064	2,756,869	2,109,287
Gurage	498,201	42,034	13,905	38,756	14,083	195,718	193,705
Hadiya	577,074	46,307	21,872	58,225	8,518	275,586	166,567
Kembata Tembaro	232,625	12,576	8,272	19,480	1,805	106,441	84,050
Sidama	883,643	62,832	22,675	67,734	16,239	374,767	339,397
Gedio	209,362	22,132	6,144	20,803	4,289	85,896	70,099
Wolayita	643,049	53,468	38,874	66,581	25,530	283,093	175,504
South Omo	404,963	48,374	25,815	44,769	12,089	162,961	110,955
Shaka	94,879	7,944	4,526	7,663	1,095	38,889	34,763
Kaffa	594,471	71,606	26,535	46,579	11,606	251,560	186,584
Gamo Gofa	594,948	69,193	31,725	55,358	33,748	226,765	178,159
Bench Maji	602,048	61,721	40,964	56,248	13,126	266,553	163,437
Yem Sp. Wereda	26,788	3,034	316	1,267	789	7,576	13,805
Amaro Sp. Wereda	56,945	6,168	3,810	7,068	325	21,195	18,380
Burji Sp. Wereda	27,169	3,112	1,908	2,626	958	10,667	7,897
Konso Sp. Wereda	110,741	15,819	6,889	12,339	3,469	37,726	34,500
Derashe Sp. Wereda	117,596	15,700	7,789	9,912	4,780	44,511	34,904
Dawro	157,996	19,994	8,830	8,964	5,964	56,982	57,261
Basketo Sp. Wereda	35,018	3,835	2,156	3,991	1,052	13,847	10,137
Konta Sp. Wereda	49,886	5,777	1,984	2,995	1,261	21,929	15,939
Silte	468,806	39,199	12,158	32,788	2,194	204,816	177,651
Alaba Sp. Wereda	130,916	8,988	2,713	12,086	2,144	69,392	35,593
Harari	31,777	3,874	3,011	3,938	903	8,172	11,878
Hundene	31,777	3,874	3,011	3,938	903	8,172	11,878
Addis Ababa	21,564	2,813	486	1,607	228	4,475	11,956
Zone 3	14,582	2,138	412	1,304	181	2,522	8,025
Zone 6	6,982	675	*	303	*	1,953	3,931
Dire Dawa	47,852	5,990	2,075	3,986	1,654	8,548	25,599

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	32,414,876	3,337,459	1,613,909	2,929,682	1,123,043	12,958,990	10,451,793
Tigray	3,029,519	241,400	232,822	353,087	125,660	1,290,778	785,772
North West Tigray	854,023	51,593	75,026	102,799	33,681	431,542	159,382
Central Tigray	784,450	63,108	61,457	101,601	19,478	320,974	217,833
Eastern Tigray	325,211	31,294	19,778	41,739	10,231	72,582	149,588
Southern Tigray	631,602	66,518	34,268	62,749	46,516	245,547	176,006
Western Tigray	434,232	28,887	42,294	44,200	15,754	220,133	82,964
Afar	43,720	3,383	1,964	3,733	2,116	21,162	11,361
Zone 1	1,129	276	50	*	121	318	325
Zone 3	42,590	3,108	1,914	3,693	1,995	20,844	11,036
Amhara	9,983,180	994,957	434,677	826,988	297,580	4,294,148	3,134,829
North Gondar	2,440,758	171,194	152,040	212,845	80,481	1,281,537	542,660
South Gondar	1,140,812	74,121	52,698	87,352	33,903	522,761	369,977
North Wolo	1,071,645	200,134	41,926	100,745	34,539	404,101	290,201
South Wolo	1,308,891	242,246	27,907	75,265	37,859	387,785	537,829
North Shewa	972,303	97,183	36,376	70,422	31,098	280,055	457,170
East Gojam	550,158	49,303	11,775	41,580	35,777	159,788	251,934
West Gojam	1,411,261	75,328	63,508	139,125	18,120	717,870	397,309
Waghamera	318,716	32,335	19,010	35,982	11,237	148,031	72,120
Awı	567,284	32,997	18,807	43,490	8,135	300,806	163,050
Oromia	201,352	20,115	10,630	20,182	6,431	91,415	52,580
Oromia	11,983,432	1,395,913	597,478	1,073,124	510,233	4,214,698	4,191,987
West Wellega	834,146	104,200	44,432	85,050	39,050	327,590	233,823
East Wellega	646,159	82,847	31,093	54,344	48,488	253,993	175,394
Illubabor	790,980	98,830	46,346	57,926	38,223	313,533	236,122
Jimma	1,448,144	172,091	48,704	102,323	42,952	580,304	501,770
West Shewa	891,388	100,654	15,189	57,101	37,469	317,007	363,968
North Shewa	409,632	49,567	12,034	34,927	13,717	88,974	210,413
East Shewa	682,124	70,501	34,850	60,806	36,459	202,548	276,960
Arsi	1,043,258	96,184	68,799	123,162	41,076	310,444	403,593
West Harerghe	910,816	85,763	49,354	97,947	30,296	349,789	297,667
East Harerghe	1,001,026	130,028	58,122	100,536	39,650	261,752	410,938
Bale	474,471	59,504	31,900	47,825	14,750	144,587	175,905
Borena	462,444	55,074	39,267	60,477	9,619	168,892	129,116
South West Shewa	485,956	49,237	10,913	26,155	21,612	195,037	183,002
Guji	553,823	84,608	36,172	52,486	27,821	175,808	176,928
Kelem Wellega	461,092	59,559	24,221	38,074	16,709	194,029	128,500
Horoguduru Wellega	309,020	41,108	19,592	31,575	20,257	117,976	78,512
West Arsi	578,953	56,158	26,490	42,411	32,085	212,435	209,374

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	106,414	18,255	6,252	11,342	4,431	20,340	45,795
Shinele	4,396	574	214	719	104	1,129	1,657
Jijiga	41,215	8,997	*	*	2,921	1,630	23,619
Liben	60,804	8,684	4,058	8,555	1,406	17,582	20,519
Benshangul-Gumuz	735,343	63,381	49,375	84,662	17,297	361,490	159,139
Metekel	300,503	23,458	23,621	34,467	7,587	151,317	60,054
Asosa	300,833	28,690	17,086	38,312	5,567	141,741	69,437
Kemeshi	134,007	11,233	8,668	11,883	4,143	68,431	29,648
SNNP	6,437,286	608,326	285,881	567,684	163,034	2,735,888	2,076,473
Gurage	494,830	41,841	13,680	38,756	13,873	195,718	190,961
Hadiya	574,947	45,756	21,872	58,225	8,518	275,586	164,990
Kembata Tembaro	225,705	11,804	7,703	18,919	1,689	105,873	79,717
Sidama	870,844	61,389	22,675	67,331	16,239	366,836	336,374
Gedio	207,284	21,856	6,144	20,643	4,289	84,657	69,695
Wolayita	630,907	52,396	38,653	64,364	24,414	280,753	170,326
South Omo	400,062	47,543	25,145	43,876	12,089	161,398	110,011
Shaka	93,264	7,855	4,290	7,373	1,095	38,336	34,314
Kaffa	585,808	69,774	26,165	46,329	11,410	249,703	182,428
Gamo Gofa	586,994	67,877	31,041	53,676	33,748	225,415	175,236
Bench Maji	596,413	59,987	40,355	55,450	12,899	266,044	161,677
Yem Sp. Wereda	26,545	2,983	266	1,267	789	7,483	13,757
Amaro Sp. Wereda	56,596	6,075	3,810	7,068	325	21,195	18,124
Burji Sp. Wereda	26,813	3,016	1,815	2,592	958	10,641	7,791
Konso Sp. Wereda	110,181	15,701	6,753	12,339	3,405	37,726	34,257
Derashe Sp. Wereda	117,372	15,655	7,789	9,912	4,780	44,511	34,726
Dawro	157,635	19,854	8,830	8,964	5,884	56,982	57,121
Basketo Sp. Wereda	34,853	3,835	2,140	3,991	1,031	13,773	10,083
Konta Sp. Wereda	49,161	5,724	1,931	2,882	1,261	21,563	15,801
Silte	463,575	38,780	12,158	32,637	2,194	202,464	175,340
Alaba Sp. Wereda	127,497	8,626	2,664	11,087	2,144	69,230	33,746
Harari	30,794	3,588	2,969	3,854	903	8,125	11,357
Hundene	30,794	3,588	2,969	3,854	903	8,125	11,357
Addis Ababa	19,607	2,657	486	1,345	214	4,202	10,703
Zone 3	13,613	2,085	412	1,099	168	2,522	7,327
Zone 6	5,994	572	*	246	*	1,680	3,376
Dire Dawa	45,581	5,599	2,005	3,864	1,577	8,159	24,378

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,328,552	137,045	64,933	113,237	40,052	429,330	543,957
Tigray	366,727	30,400	25,420	42,065	11,449	135,307	122,086
North West Tigray	56,413	5,041	5,427	7,085	3,296	23,334	12,231
Central Tigray	151,141	10,696	8,598	16,883	3,430	63,758	47,775
Eastern Tigray	68,934	7,840	5,471	8,617	549	12,818	33,638
Southern Tigray	79,843	5,978	4,377	8,090	3,526	30,968	26,905
Western Tigray	10,396	844	*	1,390	*	*	1,537
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	339,046	29,939	13,925	30,505	11,249	116,172	137,257
North Gondar	85,947	5,001	*	5,518	2,899	49,978	20,567
South Gondar	41,475	2,963	*	5,832	*	*	18,332
North Wolo	15,528	3,225	*	2,192	-	*	5,092
South Wolo	19,809	3,144	-	*	-	*	12,164
North Shewa	47,725	6,612	*	*	1,762	*	26,526
East Gojam	29,554	2,233	*	*	*	*	20,874
West Gojam	56,854	4,304	4,285	*	*	22,666	19,440
Waghamera	9,198	*	*	*	*	3,307	2,488
Awı	29,944	*	*	2,839	*	13,580	11,030
Oromia	*	*	-	*	-	*	745
Oromia	545,062	66,757	21,612	32,891	15,324	153,689	254,789
West Wellega	9,873	1,611	*	*	*	*	2,504
East Wellega	12,932	1,461	*	*	*	5,625	4,240
Illubabor	30,256	5,340	*	1,719	*	*	6,816
Jimma	35,899	4,201	*	*	*	*	11,239
West Shewa	55,709	6,318	*	*	*	13,709	30,565
North Shewa	28,896	3,175	*	*	*	*	16,730
East Shewa	76,225	6,078	*	*	1,687	21,487	45,620
Arsi	85,998	13,975	*	*	2,655	15,195	47,423
West Harerghe	24,939	4,759	1,499	2,629	-	*	7,689
East Harerghe	48,122	5,016	*	*	3,548	*	18,218
Bale	38,546	6,215	3,047	4,426	*	3,662	20,480
Borena	2,909	*	-	*	*	*	*
South West Shewa	37,680	2,901	*	1,507	*	13,790	18,592
Guji	*	*	*	*	-	-	*
Kelem Wellega	*	*	*	*	-	*	*
Horoguduru Wellega	*	1,000	*	*	*	*	*
West Arsi	44,471	3,255	*	3,703	*	*	19,068

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	*	*	-	*	-	-	-
Shinele	*	*	-	-	-	-	-
Jijiga	*	-	-	*	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	7,260	506	*	*	-	4,371	1,657
Metekel	*	294	*	*	-	*	1,059
Asosa	*	*	*	-	-	*	*
Kemeshi	*	*	-	-	-	*	*
SNNP	65,978	8,709	3,559	6,917	*	19,081	25,746
Gurage	2,573	-	*	-	*	-	2,138
Hadiya	*	*	-	-	-	-	*
Kembata Tembaro	5,741	*	*	*	*	*	3,696
Sidama	*	*	-	*	-	*	*
Gedio	*	*	-	*	-	*	*
Wolayita	8,967	870	*	*	*	*	2,647
South Omo	*	*	*	*	-	*	*
Shaka	*	*	-	*	-	*	*
Kaffa	6,080	1,000	*	*	*	*	2,710
Gamo Gofa	6,811	*	*	*	-	*	*
Bench Maji	5,635	*	*	*	*	*	1,759
Yem Sp. Wereda	*	*	-	-	-	-	*
Amaro Sp. Wereda	*	*	-	-	-	-	*
Burji Sp. Wereda	*	*	*	*	-	*	*
Konso Sp. Wereda	*	*	-	-	-	-	*
Derashe Sp. Wereda	*	*	-	-	-	-	*
Dawro	*	*	-	-	*	-	*
Basketo Sp. Wereda	*	-	*	-	*	*	*
Konta Sp. Wereda	*	*	*	*	-	*	*
Silte	3,198	*	-	*	-	*	1,508
Alaba Sp. Wereda	2,846	361	*	641	-	*	1,632
Harari	615	*	*	*	-	*	313
Hundene	615	*	*	*	-	*	313
Addis Ababa	1,569	132	-	*	*	*	957
Zone 3	655	30	-	*	*	-	474
Zone 6	915	102	-	*	-	*	482
Dire Dawa	2,176	392	*	*	*	*	1,153

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	214,408	28,670	9,580	14,003	7,957	12,860	141,338
Tigray	78,149	7,829	*	*	1,650	8,433	46,528
North West Tigray	4,075	*	-	*	-	*	2,573
Central Tigray	25,483	3,259	780	*	820	4,502	15,570
Eastern Tigray	25,612	1,467	*	*	-	*	14,008
Southern Tigray	21,329	2,068	*	2,329	830	*	14,229
Western Tigray	*	*	*	*	-	*	*
Afar	*	*	-	*	-	-	*
Zone 1	*	*	-	-	-	-	*
Zone 3	*	-	-	*	-	-	-
Amhara	46,049	6,566	*	*	*	*	30,811
North Gondar	*	*	-	-	-	-	*
South Gondar	4,552	*	-	-	*	-	2,633
North Wolo	*	*	*	-	-	-	*
South Wolo	5,812	*	*	-	-	*	*
North Shewa	*	*	-	*	*	*	*
East Gojam	*	*	-	*	-	-	*
West Gojam	15,252	*	*	*	-	-	*
Waghamera	*	*	-	-	-	-	-
Awi	3,344	693	-	*	-	-	*
Oromia	*	*	-	-	-	-	*
Oromia	75,165	11,205	*	*	5,197	*	56,222
West Wellega	1,910	-	-	-	-	-	1,910
East Wellega	*	*	*	*	*	-	*
Illubabor	5,292	1,502	-	-	-	-	3,790
Jimma	*	*	-	-	-	-	*
West Shewa	*	*	-	-	-	-	*
North Shewa	11,355	*	-	-	*	-	10,374
East Shewa	*	*	-	*	*	-	*
Arsi	8,193	1,993	-	-	*	-	5,849
West Harerghe	5,154	*	-	-	*	-	3,321
East Harerghe	12,761	*	*	-	*	-	7,991
Bale	*	-	-	-	-	-	*
Borena	*	*	-	-	*	*	*
South West Shewa	*	*	-	-	*	-	*
Guji	*	*	-	-	-	-	*
Kelem Wellega	*	-	-	-	-	-	*
Horoguduru Wellega	*	*	-	-	-	*	*
West Arsi	2,992	-	-	-	*	-	2,715

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	-	-	-	-	*
Metekel	*	*	-	-	-	-	*
Asosa	*	*	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
SNNP	13,862	2,776	*	1,632	*	*	7,068
Gurage	*	*	-	-	-	-	*
Hadiya	-	-	-	-	-	-	-
Kembata Tembaro	*	*	-	*	-	-	*
Sidama	-	-	-	-	-	-	-
Gedio	*	-	-	-	-	-	*
Wolayita	*	*	-	*	-	-	*
South Omo	*	*	-	-	-	-	*
Shaka	*	*	*	*	-	*	*
Kaffa	2,582	832	-	-	-	*	1,446
Gamo Gofa	*	*	-	*	-	*	*
Bench Maji	-	-	-	-	-	-	-
Yem Sp. Wereda	*	*	*	-	-	*	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	*	*	-	*	-	-	*
Konso Sp. Wereda	*	*	*	-	*	-	*
Derashe Sp. Wereda	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-
Konta Sp. Wereda	*	-	-	-	-	*	-
Silte	*	*	-	-	-	*	*
Alaba Sp. Wereda	*	-	-	*	-	-	*
Harari	*	*	-	*	-	-	*
Hundene	*	*	-	*	-	-	*
Addis Ababa	387	*	-	*	-	-	296
Zone 3	314	*	-	*	-	-	223
Zone 6	*	-	-	-	-	-	*
Dire Dawa	*	-	-	-	*	-	*

TABLE 3-18: BEEHIVE INVENTORY AND PRODUCTION OF HONEY BY TYPE, ZONE, AND REGION

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Ethiopia	4,870,679	51,174,267	4,803,271	1.48	50,042,143	24,674	1.58	273,742	42,734	1.63	858,381
Tigray	183,771	2,044,166	167,883	1.5	1,748,054	-	*	-	15,889	1.3	296,112
North West Tigray	29,434	379,338	27,277	1.62	317,356	-	-	-	*	*	*
Central Tigray	54,387	627,674	50,957	1.2	559,723	-	-	-	3,430	1.33	67,951
Eastern Tigray	36,103	440,257	27,930	1.54	347,743	-	*	-	8,174	1.12	92,515
Southern Tigray	47,404	353,845	45,351	1.38	280,181	-	*	-	2,053	*	*
Western Tigray	16,443	243,052	16,368	2.6	243,052	-	-	-	*	-	-
Afar	910	7,310	910	1.68	7,310	-	-	-	-	*	-
Zone 1	-	-	-	-	-	-	-	-	-	*	-
Zone 3	910	7,310	910	1.68	7,310	-	-	-	-	-	-
Amhara	852,495	10,083,400	835,263	1.46	9,837,077	8,669	1.55	92,592	8,564	1.96	153,732
North Gonder	170,520	*	168,320	1.75	*	*	*	*	-	-	-
South Gonder	105,936	737,718	104,333	1.25	722,212	*	*	*	-	-	-
North Wolo	52,738	432,728	51,264	1.28	422,719	-	-	-	*	*	*
South Wolo	105,155	764,739	99,963	1.52	682,945	*	*	*	2,779	*	*
North Shewa	66,797	452,610	66,797	1.43	452,610	-	-	-	-	-	-
East Gojam	91,627	838,677	88,877	1.47	771,754	*	*	*	*	*	*
West Gojam	137,853	1,020,956	136,839	1.34	1,017,621	*	*	*	*	*	*
Waghamera	33,691	272,148	32,506	1.28	257,182	*	*	*	*	*	*
Awı	78,037	798,270	76,317	1.45	770,444	*	*	*	*	*	*
Oromia	10,141	69,194	10,047	1.45	68,061	-	-	-	*	*	*
Oromia	2,718,925	*	2,692,799	1.44	*	*	1.31	*	15,400	1.68	*
West Wellega	523,692	1,432,937	523,065	1.16	1,430,431	*	*	*	-	-	-
East Wellega	265,644	847,216	264,749	1.21	843,974	*	*	*	-	*	-
Illubabor	343,617	1,584,410	341,492	1.37	1,447,633	*	*	*	*	*	*
Jimma	529,968	3,599,503	513,986	1.5	3,315,303	*	*	*	*	*	*
West Shewa	143,250	784,517	142,331	1.32	775,946	*	*	*	-	-	-
North Shewa	65,348	359,402	64,871	1.5	355,586	-	-	-	*	*	*
East Shewa	15,130	135,872	14,579	2.38	134,512	*	-	-	*	*	*
Arsi	70,325	763,031	70,325	1.36	763,031	-	-	-	-	-	-
West Harerghe	54,025	509,868	52,421	2.27	500,759	*	*	*	*	*	-
East Harerghe	41,382	261,882	40,717	1.51	253,239	-	-	-	*	*	*
Bale	138,313	1,035,033	137,793	1.41	1,031,132	-	-	-	*	*	*
Borena	44,577	256,489	44,577	1.48	256,489	-	-	-	-	-	-
South West Shewa	50,991	304,026	50,589	1.69	304,026	*	-	-	-	-	-
Guji	123,632	499,220	123,632	1.44	499,220	-	-	-	-	-	-
Kelem Wellega	177,687	*	177,415	1.13	*	*	*	*	-	*	-
Horoguduru Wellega	72,409	*	71,919	1.32	*	*	-	-	-	-	-
West Arsi	58,936	330,755	58,339	1.13	330,755	*	-	-	-	-	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Somale	*	*	*	*	*	*	*	*	-	-	-
Shinele	*	*	*	*	*	-	-	-	-	-	-
Jijiga	*	*	*	*	*	*	*	*	-	-	-
Liben	*	*	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	173,862	774,113	173,031	1.27	761,063	*	*	*	*	*	*
Metekel	81,826	478,708	81,826	1.3	478,708	-	-	-	-	-	-
Asosa	60,702	195,524	59,872	1.29	182,473	*	*	*	*	*	*
Kemeshi	31,334	99,881	31,334	1.06	99,881	-	-	-	-	-	-
SNNP	934,479	7,701,243	927,474	1.6	7,593,642	4,657	2.04	71,675	2,348	1.84	35,925
Gurage	44,664	288,726	43,011	1.99	275,151	*	*	*	1,220	2.03	*
Hadiya	40,356	382,891	39,539	1.95	373,163	-	-	-	*	*	*
Kembata Tembaro	12,387	63,790	12,387	1.87	63,790	-	-	-	-	-	-
Sidama	41,525	223,022	40,686	1.58	219,149	*	*	*	-	-	-
Gedio	53,606	213,175	53,606	1.25	213,175	-	-	-	-	-	-
Wolayita	20,466	*	20,019	2.55	*	*	*	*	-	-	-
South Omo	72,826	529,556	72,826	1.67	529,556	-	-	-	-	-	-
Shaka	87,284	562,965	86,786	1.16	548,664	*	*	*	*	*	*
Kaffa	347,171	*	346,208	1.1	*	*	*	*	-	-	-
Gamo Gofa	46,777	432,010	45,246	1.74	412,772	*	*	*	-	-	-
Bench Maji	66,754	743,827	66,754	1.43	743,827	-	-	-	-	-	-
Yem Sp. Wereda	7,287	62,844	7,236	1.5	61,574	*	*	*	*	*	*
Amaro Sp. Wereda	3,392	22,670	3,392	1.6	22,670	-	-	-	-	-	-
Burji Sp. Wereda	1,712	7,072	1,712	1.28	7,072	-	-	-	-	-	-
Konso Sp. Wereda	*	*	*	1.59	*	-	-	-	-	-	-
Derashe Sp. Wereda	8,617	67,569	8,617	1.57	67,569	-	-	-	-	-	-
Dawro	28,557	221,891	28,557	1.54	221,891	-	-	-	-	-	-
Basketo Sp. Wereda	1,460	8,421	1,460	1.19	8,421	-	-	-	-	-	-
Konta Sp. Wereda	7,178	45,278	7,178	1.64	45,278	-	-	-	-	-	-
Silte	21,404	274,603	21,255	1.68	268,663	-	-	-	*	*	*
Alaba Sp. Wereda	4,722	57,851	4,665	1.72	56,946	-	*	*	*	*	*
Harari	804	5,489	804	2	5,489	-	-	-	-	-	-
Hundene	804	5,489	804	2	5,489	-	-	-	-	-	-
Addis Ababa	258	*	258	1.84	*	-	-	-	-	-	-
Zone 3	108	478	108	1.8	478	-	-	-	-	-	-
Zone 6	*	*	*	*	*	-	-	-	-	-	-
Dire Dawa	722	2,867	671	1.5	2,813	*	*	*	-	-	-

TABLE 3 – 19: ESTIMATED NUMBERS OF BIRTHS, PURCHASES, AND ACQUIRED ANIMALS DURING THE REFERENCE PERIOD BY ZONE AND REGION

a. Cattle

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	8,350,287	4,020,025	4,330,262	2,910,572	1,714,797	1,195,775	544,958	219,456	325,502
Tigray	519,774	238,810	280,965	169,996	112,056	57,940	23,798	11,633	12,165
North West Tigray	170,647	76,045	94,602	23,762	14,974	8,789	7,148	3,617	3,531
Central Tigray	84,386	38,818	45,568	45,299	31,188	14,111	6,801	4,224	2,576
Eastern Tigray	50,040	24,431	25,610	34,269	21,945	12,324	2,734	1,206	1,528
Southern Tigray	106,975	50,355	56,620	53,704	36,665	17,039	5,883	2,013	3,871
Western Tigray	107,726	49,162	58,565	12,961	7,284	5,677	1,231	572	*
Afar	108,757	36,879	71,878	2,321	1,532	789	541	*	394
Zone 1	33,451	10,152	23,299	566	212	354	253	*	238
Zone 3	75,306	26,727	48,580	1,755	1,320	435	*	*	*
Amhara	1,609,837	795,577	814,261	720,295	479,972	240,323	61,419	19,991	41,428
North Gonder	313,277	164,216	149,061	64,757	42,566	22,191	7,658	*	5,763
South Gonder	169,006	85,471	83,535	80,315	47,780	32,535	5,853	*	4,309
North Wolo	147,646	70,720	76,926	71,706	46,719	24,986	7,340	2,470	4,870
South Wolo	254,487	125,738	128,750	142,994	87,014	55,980	10,981	4,040	6,941
North Shewa	150,399	75,650	74,749	109,029	83,309	25,720	7,307	*	6,103
East Gojam	157,498	76,793	80,704	77,095	59,010	18,085	10,462	3,802	6,660
West Gojam	209,132	98,685	110,447	113,115	76,704	36,411	6,067	2,593	3,473
Waghamera	37,814	19,712	18,102	9,987	5,985	4,003	3,008	1,697	1,311
Awi	114,604	54,098	60,507	32,705	18,231	14,474	*	-	*
Oromia	55,975	24,494	31,481	18,592	12,654	5,938	2,085	744	1,342
Oromia	4,012,218	1,941,575	2,070,643	1,256,704	776,136	480,569	250,705	109,679	141,026
West Wellega	170,939	79,596	91,343	57,072	32,679	24,393	4,403	1,482	2,921
East Wellega	186,406	92,112	94,294	64,022	39,394	24,628	4,563	1,922	2,641
Illubabor	167,756	83,653	84,102	59,745	34,515	25,230	8,739	2,842	5,896
Jimma	364,626	186,001	178,625	132,736	75,422	57,314	52,387	26,336	26,051
West Shewa	337,885	162,800	175,085	122,219	73,515	48,704	36,174	18,868	17,305
North Shewa	248,799	111,492	137,307	122,152	79,249	42,903	20,833	8,623	*
East Shewa	187,452	91,734	95,718	76,336	56,539	19,797	11,360	5,924	5,436
Arsi	401,550	197,246	204,305	129,545	85,835	43,711	8,481	2,894	5,587
West Harerghe	224,021	119,158	104,862	77,521	41,478	36,043	22,783	13,386	9,397
East Harerghe	229,687	121,108	108,579	72,852	42,140	30,711	26,881	8,263	18,618
Bale	267,423	119,482	147,941	55,499	40,872	14,627	11,113	3,671	7,442
Borena	301,884	137,740	164,144	56,285	33,618	22,667	10,914	2,095	8,819
South West Shewa	119,789	52,769	67,020	85,862	61,734	24,128	15,229	6,798	8,431
Guji	245,970	118,880	127,090	26,692	10,264	16,428	*	-	*
Kelem Wellega	67,076	33,607	33,469	34,398	22,922	11,476	2,064	*	1,195
Horoguduru Wellega	107,522	49,747	57,775	20,642	11,830	8,812	2,918	813	2,105
West Arsi	383,434	184,449	198,985	63,126	34,130	28,996	10,322	4,894	5,428

TABLE 3-19 - a CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	181,694	82,587	99,107	9,739	5,430	4,308	1,974	578	1,396
Shinele	5,183	2,572	2,611	269	167	102	254	67	186
Jijiga	108,661	51,676	56,984	*	*	*	1,555	*	1,044
Liben	67,851	28,339	39,512	1,359	536	823	*	-	*
Benshangul-Gumuz	63,228	29,574	33,654	22,148	12,448	9,700	*	*	*
Metekel	39,586	18,809	20,777	9,192	4,418	4,774	684	364	320
Asosa	13,189	6,053	7,136	8,581	5,482	3,098	*	-	*
Kemeshi	10,452	4,712	5,741	4,376	2,547	1,828	*	*	*
SNNP	1,830,789	883,343	947,446	722,743	323,386	399,357	194,972	72,382	122,590
Gurage	200,815	100,392	100,422	63,594	22,267	41,326	24,596	9,878	14,719
Hadiya	123,749	63,697	60,052	61,523	32,856	28,667	18,976	7,924	11,052
Kembata Tembaro	55,496	26,163	29,333	34,540	16,651	17,889	10,987	4,568	6,419
Sidama	336,886	166,328	170,558	121,862	21,972	99,890	12,771	*	9,728
Gedio	18,018	9,328	8,690	61,151	39,661	21,490	2,221	*	1,494
Wolayita	177,218	89,091	88,127	113,127	57,771	55,356	11,988	4,693	7,296
South Omo	182,534	82,299	100,234	16,486	6,699	9,787	11,098	3,230	7,868
Shaka	21,286	11,337	9,949	8,156	4,597	3,559	2,430	1,137	1,294
Kaffa	150,635	70,762	79,874	38,043	23,700	14,343	8,921	2,945	5,977
Gamo Gofa	202,386	91,686	110,700	88,238	40,934	47,304	42,949	12,584	30,365
Bench Maji	109,605	49,983	59,622	36,168	14,548	21,620	14,527	4,070	10,457
Yem Sp. Wereda	6,153	3,127	3,026	2,166	1,421	746	525	257	268
Amaro Sp. Wereda	16,559	8,366	8,193	5,320	2,943	2,377	250	*	*
Burji Sp. Wereda	6,066	2,848	3,218	1,931	1,284	647	*	*	*
Konso Sp. Wereda	14,430	7,237	7,193	3,219	1,951	1,267	3,966	1,927	2,039
Derashe Sp. Wereda	13,271	5,347	7,924	3,157	1,990	1,168	884	704	*
Dawro	65,626	34,074	31,552	22,869	10,066	12,802	1,692	*	900
Basketo Sp. Wereda	5,430	2,733	2,697	3,502	1,564	1,938	2,589	914	1,675
Konta Sp. Wereda	12,667	6,141	6,525	5,428	2,417	3,012	621	344	277
Silte	81,591	38,290	43,301	29,116	16,673	12,444	19,218	10,653	8,565
Alaba Sp. Wereda	30,370	14,114	16,256	3,146	1,421	1,725	3,669	1,802	1,866
Harari	10,768	5,384	5,385	2,472	1,029	1,442	800	162	638
Hundene	10,768	5,384	5,385	2,472	1,029	1,442	800	162	638
Addis Ababa	3,934	2,024	1,910	2,133	1,576	557	31	*	*
Zone 3	3,068	1,560	1,508	1,480	1,024	456	31	*	*
Zone 6	865	463	402	653	552	101	-	-	-
Dire Dawa	9,287	4,272	5,014	2,021	1,230	791	617	150	467

b. Sheep

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	10,540,171	5,025,300	5,514,873	3,321,931	1,465,144	1,856,786	403,956	73,685	330,271
Tigray	360,682	168,448	192,235	117,921	44,004	73,917	3,041	1,378	1,663
North West Tigray	33,537	14,925	18,612	3,913	1,285	2,628	*	-	*
Central Tigray	80,790	35,182	45,608	21,417	1,774	19,643	*	*	*
Eastern Tigray	146,396	73,505	72,891	45,394	14,286	31,108	*	*	*
Southern Tigray	86,391	38,978	47,414	42,415	23,902	18,513	*	*	*
Western Tigray	13,568	5,857	7,711	*	*	*	-	-	-
Afar	81,739	27,926	53,813	5,143	3,493	1,650	*	*	*
Zone 1	26,047	9,062	16,986	2,259	1,200	1,059	*	*	*
Zone 3	55,692	18,865	36,827	2,884	2,293	591	*	*	*
Amhara	3,778,503	1,836,248	1,942,254	1,323,061	660,932	662,129	96,617	17,184	79,433
North Gonder	331,126	162,423	168,703	107,443	50,437	57,006	*	*	*
South Gonder	386,152	191,203	194,948	90,175	28,466	61,709	*	*	*
North Wolo	353,411	165,857	187,555	113,191	41,373	71,818	9,818	3,331	6,486
South Wolo	787,731	386,282	401,449	209,733	93,183	116,550	33,245	4,697	28,548
North Shewa	551,721	257,312	294,409	67,691	39,996	27,696	10,115	*	9,275
East Gojam	745,357	360,563	384,794	288,627	143,533	145,094	13,271	3,675	9,596
West Gojam	361,125	181,473	179,652	291,632	183,268	108,364	8,962	2,119	6,843
Waghamera	33,244	16,242	17,002	7,612	1,974	5,638	*	*	*
Awi	217,019	109,284	107,735	134,898	72,045	62,853	*	*	*
Oromia	11,615	5,608	6,007	12,059	6,657	5,402	*	*	-
Oromia	4,368,863	2,080,837	2,288,026	1,331,700	591,767	739,933	160,921	34,292	126,629
West Wellega	137,375	59,377	77,998	59,638	10,176	49,462	*	*	*
East Wellega	125,675	53,826	71,848	25,795	6,450	19,345	*	-	*
Illubabor	210,452	101,648	108,804	67,343	18,741	48,602	10,612	*	8,369
Jimma	378,120	185,865	192,255	107,955	37,069	70,886	49,094	4,164	44,930
West Shewa	737,252	345,959	391,293	118,005	42,217	75,788	25,088	*	23,637
North Shewa	554,111	276,663	277,447	402,329	280,207	122,122	28,764	*	9,644
East Shewa	176,526	83,291	93,235	51,175	19,465	31,710	*	*	*
Arsi	666,107	313,773	352,334	159,139	60,651	98,488	3,959	*	3,661
West Harerghe	75,057	37,027	38,030	25,361	5,116	20,245	4,787	*	4,034
East Harerghe	134,784	66,857	67,927	26,539	11,710	14,829	13,713	2,425	11,288
Bale	249,925	116,100	133,825	44,725	8,495	36,230	3,412	*	2,733
Borena	100,562	50,074	50,489	21,185	6,115	15,070	4,477	*	3,454
South West Shewa	105,396	52,935	52,461	69,859	50,910	18,950	4,553	*	3,925
Guji	114,876	59,634	55,242	37,197	9,246	27,951	*	*	*
Kelem Wellega	82,326	37,292	45,035	25,085	5,202	19,883	*	*	*
Horo guduru Wellega	100,260	48,233	52,027	18,672	5,985	12,688	3,925	*	*
West Arsi	420,060	192,282	227,778	71,697	14,014	57,683	4,058	-	4,058

TABLE 3-19 - b CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	242,623	106,880	135,744	9,973	2,850	7,123	1,341	*	1,089
Shinele	27,781	12,517	15,264	589	386	203	111	23	*
Jijiga	168,059	75,155	92,904	7,549	2,191	5,358	696	*	*
Liben	46,784	19,208	27,576	1,835	*	1,562	534	-	534
Benshangul-Gumuz	49,653	22,519	27,134	16,517	5,145	11,372	*	-	*
Metekel	30,871	14,618	16,254	9,665	4,105	5,560	-	-	-
Asosa	9,137	3,640	5,496	4,000	*	3,783	-	-	-
Kemeshi	9,645	4,261	5,384	2,851	823	2,028	*	-	*
SNNP	1,632,958	769,949	863,009	507,697	149,172	358,525	139,920	19,873	120,048
Gurage	148,829	68,803	80,026	36,426	9,075	27,351	12,095	*	11,004
Hadiya	113,480	59,654	53,826	30,688	6,770	23,918	15,276	2,362	12,914
Kembata Tembaro	42,115	18,245	23,870	22,063	10,250	11,813	9,446	*	7,836
Sidama	171,670	84,613	87,057	82,438	13,665	68,774	1,522	*	*
Gedio	78,619	37,823	40,796	43,764	10,997	32,767	*	-	*
Wolayita	59,424	27,664	31,761	44,969	12,109	32,860	7,617	*	6,173
South Omo	212,519	91,441	121,078	18,741	7,073	11,668	8,223	1,165	7,057
Shaka	26,987	14,319	12,667	13,238	6,638	6,600	1,376	*	1,215
Kaffa	232,505	110,395	122,109	42,654	18,021	24,633	18,836	535	18,301
Gamo Gofa	171,197	72,409	98,788	53,616	14,406	39,209	*	*	32,602
Bench Maji	117,430	56,817	60,613	35,276	12,856	22,420	7,337	1,057	6,280
Yem Sp. Wereda	11,151	5,293	5,858	1,695	192	1,503	437	*	361
Amaro Sp. Wereda	18,870	10,468	8,402	2,395	838	1,557	*	*	*
Burji Sp. Wereda	1,336	727	609	224	*	141	-	-	-
Konso Sp. Wereda	21,757	9,233	12,524	6,856	3,501	3,355	2,775	972	1,802
Derashe Sp. Wereda	4,216	1,864	2,352	1,240	304	936	*	*	*
Dawro	45,458	23,417	22,041	25,744	9,701	16,042	*	*	*
Basketo Sp. Wereda	5,555	2,178	3,376	2,462	476	1,986	1,086	*	990
Konta Sp. Wereda	5,888	3,372	2,516	4,832	3,096	1,736	*	*	*
Silte	125,951	62,746	63,205	35,870	8,759	27,111	10,988	1,914	9,074
Alaba Sp. Wereda	18,001	8,467	9,534	2,507	363	2,144	2,082	*	1,847
Harari	1,241	652	589	880	589	291	272	*	252
Hundene	1,241	652	589	880	589	291	272	*	252
Addis Ababa	5,116	2,349	2,768	6,903	5,936	967	191	74	117
Zone 3	3,283	1,446	1,838	5,648	4,963	685	110	74	*
Zone 6	1,833	903	930	1,255	973	283	*	-	*
Dire Dawa	18,793	9,492	9,301	2,135	1,255	880	990	422	569

c. Goats

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	7,938,637	3,616,809	4,321,828	1,601,370	515,999	1,085,370	196,522	37,231	159,291
Tigray	1,118,748	486,697	632,051	217,780	58,640	159,141	10,808	2,725	8,083
North West Tigray	452,922	187,629	265,293	49,558	8,256	41,302	2,914	*	1,985
Central Tigray	327,845	147,435	180,410	65,447	10,603	54,844	*	*	*
Eastern Tigray	74,725	38,449	36,277	18,060	5,092	12,969	*	*	*
Southern Tigray	140,005	63,350	76,654	67,830	29,113	38,717	1,300	*	*
Western Tigray	123,252	49,835	73,417	16,884	5,575	11,309	*	*	*
Afar	193,027	65,539	127,487	7,528	4,330	3,198	1,047	466	581
Zone 1	53,531	17,107	36,424	1,431	323	1,108	303	164	139
Zone 3	139,496	48,432	91,064	6,096	4,006	2,090	744	*	443
Amhara	2,473,525	1,152,432	1,321,093	628,677	243,745	384,932	41,216	9,265	31,952
North Gonder	657,893	307,408	350,485	107,927	29,793	78,134	*	*	*
South Gonder	280,291	128,955	151,336	68,517	19,417	49,100	*	*	*
North Wolo	275,507	126,914	148,593	91,903	31,440	60,464	7,470	870	6,600
South Wolo	337,147	159,407	177,740	93,663	38,919	54,743	7,802	*	6,002
North Shewa	340,879	167,907	172,972	66,431	31,610	34,821	5,271	*	3,408
East Gojam	145,862	64,235	81,627	48,134	22,445	25,690	-	-	-
West Gojam	151,469	67,557	83,911	79,038	38,846	40,192	3,836	*	2,481
Waghamera	148,943	65,945	82,998	26,625	7,903	18,723	7,368	1,879	5,489
Awi	68,665	33,202	35,462	29,898	18,904	10,994	*	-	*
Oromia	66,868	30,900	35,969	16,540	4,469	12,071	2,416	*	1,983
Oromia	2,583,383	1,196,625	1,386,758	478,249	138,607	339,641	90,556	15,218	75,338
West Wellega	36,443	16,330	20,114	8,046	*	7,630	*	*	-
East Wellega	45,323	22,226	23,097	11,779	3,088	8,691	*	-	*
Illubabor	81,241	40,006	41,235	10,887	1,446	9,441	*	-	*
Jimma	121,929	61,478	60,451	43,546	18,996	24,549	7,805	*	7,121
West Shewa	195,776	93,515	102,261	41,148	13,817	27,331	10,651	*	8,205
North Shewa	72,768	38,851	33,917	26,076	14,997	11,079	*	*	*
East Shewa	257,005	93,558	163,447	27,109	3,412	23,697	1,550	-	1,550
Arsi	189,478	93,794	95,683	40,633	9,391	31,243	*	-	*
West Harerghe	319,876	153,843	166,033	70,529	17,570	52,959	18,236	1,925	16,311
East Harerghe	346,301	174,349	171,951	65,521	23,687	41,833	25,645	5,263	20,382
Bale	218,129	101,381	116,748	35,646	8,938	26,708	6,933	*	5,533
Borena	293,518	122,059	171,459	17,018	2,138	14,880	9,357	*	8,434
South West Shewa	85,750	41,803	43,947	21,803	7,688	14,115	3,097	*	2,101
Guji	88,985	40,170	48,815	15,020	3,566	11,454	*	*	*
Kelem Wellega	26,573	12,050	14,524	9,304	*	7,249	*	*	*
Horoguduru Wellega	48,341	23,444	24,897	6,845	1,025	5,820	*	*	*
West Arsi	155,948	67,769	88,179	27,339	6,376	20,963	*	*	1,067

TABLE 3-19 - c CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	349,414	147,782	201,632	19,891	7,766	12,125	2,288	478	1,810
Shinele	68,633	28,664	39,969	1,307	726	581	628	59	570
Jijiga	149,204	65,521	83,682	13,466	*	7,616	821	*	*
Liben	131,578	53,596	77,981	5,118	1,190	3,928	839	*	755
Benshangul-Gumuz	249,520	99,860	149,660	43,091	10,275	32,816	1,350	*	1,179
Metekel	97,198	41,095	56,103	15,261	5,319	9,942	*	-	*
Asosa	106,422	39,309	67,113	17,698	3,017	14,682	685	*	614
Kemeshi	45,900	19,456	26,444	10,131	1,939	8,192	*	*	208
SNNP	902,332	437,832	464,500	200,023	49,695	150,328	46,569	8,486	38,083
Gurage	34,857	14,999	19,858	20,712	*	15,266	2,060	*	1,833
Hadiya	51,236	24,441	26,795	14,979	2,815	12,165	6,187	*	5,820
Kembata Tembaro	16,695	7,018	9,677	8,179	1,025	7,153	3,294	*	3,084
Sidama	65,249	35,620	29,629	32,147	7,235	24,912	*	*	*
Gedio	2,889	2,150	*	2,194	*	1,802	*	*	*
Wolayita	47,930	22,961	24,968	16,942	3,027	13,915	*	*	*
South Omo	299,380	135,925	163,455	18,486	5,299	13,187	3,168	678	2,490
Shaka	3,287	1,458	1,829	1,225	429	796	*	-	*
Kaffa	53,282	30,798	22,483	14,730	5,452	9,277	4,922	*	4,174
Gamo Gofa	81,078	39,886	41,192	27,371	*	23,320	7,980	1,597	6,384
Bench Maji	31,522	17,304	14,217	8,191	3,589	4,602	1,552	*	1,215
Yem Sp. Wereda	9,056	4,459	4,597	476	-	476	*	-	*
Amaro Sp. Wereda	17,214	9,064	8,151	2,154	493	1,661	-	-	-
Burji Sp. Wereda	9,490	4,469	5,021	1,538	183	1,355	*	-	*
Konso Sp. Wereda	49,526	23,605	25,921	6,469	2,864	3,605	3,493	955	2,538
Derashe Sp. Wereda	25,320	10,769	14,550	2,845	597	2,248	1,719	*	1,420
Dawro	19,365	10,453	8,912	5,865	1,932	3,932	*	-	*
Basketo Sp. Wereda	1,381	641	740	316	*	259	*	*	*
Konta Sp. Wereda	4,192	2,352	1,839	1,762	447	1,315	*	*	*
Silte	54,438	27,982	26,456	11,959	3,802	8,157	3,653	*	3,230
Alaba Sp. Wereda	24,948	11,477	13,471	1,481	557	924	1,512	-	1,512
Harari	13,481	7,058	6,423	2,278	407	1,872	1,241	166	1,075
Hundene	13,481	7,058	6,423	2,278	407	1,872	1,241	166	1,075
Addis Ababa	1,715	869	847	515	238	277	-	-	-
Zone 3	1,285	639	646	347	164	183	-	-	-
Zone 6	430	229	201	169	*	94	-	-	-
Dire Dawa	53,492	22,117	31,376	3,339	2,297	1,041	1,447	*	1,191

d. Horses

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	171,162	84,616	86,546	178,078	95,965	82,113	15,142	3,614	11,527
Tigray	*	*	*	3,387	2,552	*	-	-	-
North West Tigray	*	*	-	-	-	-	-	-	-
Central Tigray	*	*	*	*	*	*	-	-	-
Eastern Tigray	-	-	-	*	*	*	-	-	-
Southern Tigray	*	*	*	*	*	-	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	*	*	*	*	*	-	-	-	-
Zone 1	*	-	*	*	*	-	-	-	-
Zone 3	*	*	-	*	*	-	-	-	-
Amhara	30,121	13,840	16,280	31,664	15,471	16,194	*	*	1,581
North Gondar	*	*	*	2,154	1,430	*	-	-	-
South Gondar	*	-	*	*	*	*	-	-	-
North Wolo	*	*	*	*	*	*	*	-	*
South Wolo	2,150	*	1,431	5,056	1,373	3,683	*	-	*
North Shewa	3,867	1,384	2,483	2,994	*	1,627	-	-	-
East Gojam	7,063	3,848	3,215	4,833	2,403	2,430	*	-	*
West Gojam	*	*	-	2,483	1,408	1,074	*	*	*
Waghamera	-	-	-	*	-	*	-	-	-
Awi	4,705	2,157	2,548	7,989	5,792	2,197	*	-	*
Oromia	-	-	-	*	*	*	-	-	-
Oromia	110,469	54,559	55,909	102,951	57,658	45,293	7,598	1,951	5,647
West Wellega	*	-	*	859	*	*	-	-	-
East Wellega	*	*	*	*	*	*	*	-	*
Illubabor	*	*	*	3,844	*	*	*	-	*
Jimma	8,639	2,917	5,723	7,551	4,236	3,315	*	-	*
West Shewa	23,020	10,162	12,858	22,280	11,593	10,687	*	*	*
North Shewa	10,527	4,632	5,896	8,433	6,130	2,304	*	*	*
East Shewa	*	*	-	3,091	2,654	*	-	-	-
Arsi	18,197	7,975	10,222	16,946	8,599	8,347	*	*	-
West Harerghe	*	-	*	*	*	*	-	-	-
East Harerghe	*	*	-	*	*	*	-	-	-
Bale	*	*	*	10,847	7,259	3,588	*	-	*
Borena	*	*	*	*	-	*	-	-	-
South West Shewa	601	*	*	3,496	3,048	*	*	*	*
Guji	9,193	5,319	3,875	5,830	2,671	3,158	*	*	-
Kelem Wellega	878	*	*	*	*	-	*	*	-
Horoguduru Wellega	7,091	3,865	3,225	2,083	1,318	766	*	-	*
West Arsi	19,511	11,563	7,947	14,627	5,928	8,699	*	-	*

TABLE 3-19 - d CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	*	-	*	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	*	*	*	-	-	-	-	-	-
Liben	*	*	*	*	-	*	-	-	-
Benshangul-Gumuz	*	*	*	*	-	*	-	-	-
Metekel	*	*	*	*	-	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
SNNP	28,607	15,484	13,123	39,676	20,012	19,664	5,377	*	4,300
Gurage	5,071	*	2,091	3,860	2,133	*	*	*	*
Hadiya	2,186	1,214	*	2,497	1,097	*	*	-	*
Kembata Tembaro	*	-	*	1,337	*	555	*	-	*
Sidama	*	*	*	*	*	*	*	-	*
Gedio	*	*	*	4,709	2,856	1,853	-	-	-
Wolayita	-	-	-	*	*	-	-	-	-
South Omo	447	*	*	1,474	889	585	*	*	-
Shaka	*	*	-	325	325	-	-	-	-
Kaffa	6,878	3,104	3,774	5,859	3,584	2,275	-	-	-
Gamo Gofa	3,123	2,374	*	4,031	*	3,355	*	*	*
Bench Maji	*	*	2,616	*	*	*	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	*	*	*	*	-	*	*	*	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	*	*	-	-	-	-
Derashe Sp. Wereda	*	*	*	-	-	-	-	-	-
Dawro	*	487	*	808	*	478	-	-	-
Basketo Sp. Wereda	-	-	-	88	*	*	-	-	-
Konta Sp. Wereda	*	*	*	168	142	*	-	-	-
Silte	1,584	1,189	*	1,370	*	959	*	-	*
Alaba Sp. Wereda	238	*	*	503	*	*	*	-	*
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Addis Ababa	-	-	-	131	131	-	-	-	-
Zone 3	-	-	-	103	103	-	-	-	-
Zone 6	-	-	-	*	*	-	-	-	-
Dire Dawa	-	-	-	*	*	*	-	-	-

e. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	424,970	229,058	195,912	402,585	234,880	167,705	17,311	7,608	9,702
Tigray	34,340	16,001	18,339	40,687	28,091	12,596	886	*	*
North West Tigray	5,468	2,837	2,631	5,100	3,130	1,970	-	-	-
Central Tigray	10,935	5,405	5,529	7,735	4,241	3,494	*	-	*
Eastern Tigray	5,786	2,919	2,867	8,608	5,283	3,325	-	-	-
Southern Tigray	11,194	4,379	6,815	15,197	11,620	3,577	*	*	-
Western Tigray	957	460	*	4,047	3,817	*	*	*	-
Afar	1,146	619	527	256	134	*	-	-	-
Zone 1	*	*	*	*	*	-	-	-	-
Zone 3	1,117	605	512	224	*	*	-	-	-
Amhara	171,426	88,787	82,639	130,908	68,703	62,205	4,905	2,283	2,623
North Gondar	20,946	11,142	9,804	17,344	11,535	5,809	-	-	-
South Gondar	17,277	10,996	6,281	12,755	5,479	7,277	*	*	*
North Wolo	30,226	17,149	13,077	13,686	4,989	8,697	*	*	*
South Wolo	32,829	15,094	17,735	27,266	15,204	12,061	*	*	*
North Shewa	21,770	12,023	9,746	21,255	12,128	9,127	1,717	*	*
East Gojam	17,928	9,460	8,468	12,072	7,234	4,839	-	-	-
West Gojam	15,400	5,746	9,654	15,195	6,880	8,316	-	-	-
Waghamera	4,874	2,219	2,655	4,458	2,692	1,765	-	-	-
Awi	5,599	2,615	2,984	4,422	1,593	2,829	-	-	-
Oromia	4,577	2,342	2,235	2,455	970	1,485	*	*	-
Oromia	187,788	106,368	81,420	182,729	105,137	77,592	8,990	3,817	5,174
West Wellega	9,267	4,252	5,015	12,227	5,260	6,967	-	-	-
East Wellega	10,163	4,782	5,381	13,487	8,518	4,969	-	-	-
Illubabor	852	*	*	2,401	1,837	*	*	-	*
Jimma	2,889	1,838	*	5,909	4,592	1,317	*	*	*
West Shewa	21,633	14,330	7,303	11,965	6,067	5,898	-	-	-
North Shewa	21,591	11,360	10,231	11,095	5,141	5,953	*	-	*
East Shewa	19,078	10,719	8,359	13,221	8,897	4,324	*	-	*
Arsi	20,421	12,489	7,932	28,537	16,069	12,469	*	-	*
West Harerghe	16,084	8,944	7,140	19,036	12,001	7,035	3,096	1,341	1,755
East Harerghe	9,876	5,902	3,974	11,036	7,998	3,037	1,853	*	1,320
Bale	18,626	11,654	6,973	13,291	6,868	6,422	*	*	-
Borena	2,920	2,014	906	3,820	2,963	857	*	*	-
South West Shewa	6,324	3,023	3,301	11,953	7,469	4,485	*	*	*
Guji	1,526	*	854	1,927	1,391	*	-	-	-
Kelem Wellega	1,410	753	657	6,191	3,941	2,249	-	-	-
Horoguduru Wellega	6,121	2,861	3,260	3,122	1,104	2,018	-	-	-
West Arsi	19,007	10,595	8,412	13,514	5,021	8,493	*	*	*

TABLE 3-19 - e CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	6,698	4,648	2,050	4,336	*	2,213	*	*	*
Shinele	304	177	127	75	44	*	-	-	-
Jijiga	5,274	3,819	1,455	*	*	1,946	*	*	*
Liben	1,120	652	468	*	*	*	*	*	*
Benshangul-Gumuz	2,956	1,818	1,139	8,568	7,059	1,509	*	*	-
Metekel	952	589	363	3,408	3,036	*	-	-	-
Asosa	1,414	895	519	2,832	2,030	802	*	*	-
Kemeshi	591	334	257	2,328	1,993	334	-	-	-
SNNP	19,232	10,058	9,174	34,242	23,019	11,223	1,882	*	1,368
Gurage	2,449	1,239	*	3,843	2,258	1,586	-	-	-
Hadiya	4,089	*	2,176	7,514	3,517	3,997	*	-	*
Kembata Tembaro	442	-	442	3,555	2,948	*	-	-	-
Sidama	*	*	-	4,205	3,437	*	-	-	-
Gedio	-	-	-	*	*	*	-	-	-
Wolayita	*	*	-	5,754	5,322	*	*	*	-
South Omo	*	*	*	*	*	-	-	-	-
Shaka	*	*	*	*	*	*	-	-	-
Kaffa	*	*	*	*	*	-	-	-	-
Gamo Gofa	*	*	-	2,143	1,912	*	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	*	*	-	*	-	*	*	-	*
Amaro Sp. Wereda	-	-	-	*	*	*	-	-	-
Burji Sp. Wereda	304	115	189	262	192	70	-	-	-
Konso Sp. Wereda	*	*	-	-	-	-	-	-	-
Derashe Sp. Wereda	511	268	243	616	341	274	*	-	*
Dawro	*	*	-	*	*	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	6,834	3,034	3,800	4,540	1,991	2,550	*	*	*
Alaba Sp. Wereda	1,559	1,007	552	563	*	457	664	-	664
Harari	402	214	188	384	*	143	*	*	-
Hundene	402	214	188	384	*	143	*	*	-
Addis Ababa	70	43	*	255	246	*	-	-	-
Zone 3	-	-	-	228	218	*	-	-	-
Zone 6	70	43	*	*	*	-	-	-	-
Dire Dawa	912	502	410	220	*	*	*	*	*

f. Mules

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	11,912	5,266	6,646	49,081	25,136	23,946	1,157	*	*
Tigray	*	-	*	1,443	*	883	-	-	-
North West Tigray	-	-	-	*	-	*	-	-	-
Central Tigray	*	-	*	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
Afar	*	-	*	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	-	*	-	-	-	-	-	-
Amhara	4,827	1,950	2,877	20,090	9,017	11,074	*	-	*
North Gondar	*	-	*	*	*	-	-	-	-
South Gondar	*	-	*	2,032	*	*	-	-	-
North Wolo	*	*	*	3,761	*	2,720	-	-	-
South Wolo	*	*	-	2,804	*	*	-	-	-
North Shewa	*	*	*	1,839	*	*	*	-	*
East Gojam	*	-	*	1,191	*	*	-	-	-
West Gojam	*	*	*	6,476	3,131	3,345	-	-	-
Waghamera	-	-	-	*	-	*	-	-	-
Awi	-	-	-	*	*	*	-	-	-
Oromia	*	-	*	*	-	*	-	-	-
Oromia	4,594	1,678	2,916	16,963	7,787	9,176	*	*	*
West Wellega	-	-	-	*	*	-	-	-	-
East Wellega	-	-	-	*	*	-	-	-	-
Illubabor	-	-	-	*	*	*	-	-	-
Jimma	*	*	*	4,037	1,434	2,603	*	-	*
West Shewa	*	-	*	*	*	*	-	-	-
North Shewa	*	-	*	*	*	-	-	-	-
East Shewa	-	-	-	*	*	-	-	-	-
Arsi	1,124	*	*	2,236	*	1,622	-	-	-
West Harerghe	-	-	-	-	-	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	-	2,337	*	1,609	*	*	-
Borena	-	-	-	824	*	*	-	-	-
South West Shewa	*	-	*	618	*	*	-	-	-
Guji	*	-	*	*	-	*	-	-	-
Kelem Wellega	*	*	-	1,025	803	*	-	-	-
Horoguduru Wellega	-	-	-	*	-	*	-	-	-
West Arsi	-	-	-	*	-	*	-	-	-

TABLE 3-19 - g CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	38,300	17,721	20,579	3,806	2,058	1,749	*	*	*
Shinele	1,263	648	615	52	52	-	-	-	-
Jijiga	9,981	4,608	5,373	*	*	*	-	-	-
Liben	27,056	12,466	14,590	1,325	*	*	*	*	*
Benshangul-Gumuz	-	-	-	*	*	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	*	*	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	*	*	-	-	-
Hundene	*	*	*	*	*	*	-	-	-
Addis Ababa	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-
Dire Dawa	1,235	640	595	*	*	*	*	*	-

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	46,820,280	6,198,104	334,301
Tigray	5,598,336	531,494	34,703
North West Tigray	1,829,816	123,554	11,658
Central Tigray	1,470,284	151,354	4,998
Eastern Tigray	480,236	54,388	5,623
Southern Tigray	856,544	145,496	8,321
Western Tigray	961,455	56,701	4,104
Afar	53,611	5,869	371
Zone 1	120	*	*
Zone 3	53,491	5,750	*
Amhara	16,487,795	2,502,264	66,478
North Gonder	4,942,956	348,244	17,081
South Gonder	2,234,356	241,366	7,783
North Wolo	1,415,925	311,239	6,433
South Wolo	1,148,633	318,215	8,872
North Shewa	1,420,256	433,259	9,618
East Gojam	475,641	144,319	*
West Gojam	2,858,101	481,418	10,252
Waghamera	551,741	36,968	1,967
Awi	1,095,148	161,849	2,280
Oromia	345,038	25,389	1,368
Oromia	14,393,375	2,032,783	131,686
West Wellega	1,080,214	156,486	*
East Wellega	526,927	58,658	*
Illubabor	1,091,028	121,962	5,589
Jimma	1,774,969	199,105	24,659
West Shewa	1,479,057	356,023	11,810
North Shewa	461,038	149,209	1,871
East Shewa	757,390	105,622	5,726
Arsi	1,421,037	244,576	3,408
West Harerghe	1,184,283	84,531	19,181
East Harerghe	1,033,418	60,189	25,102
Bale	480,672	84,549	3,508
Borena	464,453	77,161	3,117
South West Shewa	620,871	120,053	11,587
Guji	420,843	42,538	1,270
Kelem Wellega	469,143	50,101	*
Horoguduru Wellega	372,691	44,651	1,483
West Arsi	755,342	77,368	4,020

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	51,600	6,007	940
Shinele	3,196	172	311
Jijiga	*	*	-
Liben	42,320	2,555	*
Benshangul-Gumuz	1,428,708	130,456	5,921
Metekel	644,462	63,498	1,103
Asosa	524,415	49,078	*
Kemeshi	259,831	17,880	*
SNNP	8,713,257	981,339	92,002
Gurage	452,715	82,528	3,559
Hadiya	980,901	62,504	13,082
Kembata Tembaro	338,318	34,784	6,723
Sidama	918,357	145,726	*
Gedio	317,723	115,702	*
Wolayita	759,597	70,555	7,828
South Omo	503,784	35,801	5,624
Shaka	147,123	30,195	1,135
Kaffa	1,226,447	79,094	9,306
Gamo Gofa	586,004	79,469	11,041
Bench Maji	1,330,143	122,984	15,677
Yem Sp. Wereda	20,649	2,490	*
Amaro Sp. Wereda	58,645	5,752	*
Burji Sp. Wereda	24,420	3,110	*
Konso Sp. Wereda	82,137	7,146	1,558
Derashe Sp. Wereda	85,478	6,123	1,398
Dawro	105,593	24,120	*
Basketo Sp. Wereda	36,460	7,361	*
Konta Sp. Wereda	55,136	5,440	406
Silte	508,412	55,220	4,871
Alaba Sp. Wereda	175,216	5,237	3,828
Harari	32,615	950	687
Hundene	32,615	950	687
Addis Ababa	21,994	6,282	173
Zone 3	14,021	4,272	134
Zone 6	7,974	2,010	*
Dire Dawa	38,990	662	1,340

TABLE 3 – 20: ESTIMATED NUMBERS OF SALES, SLAUGHTERS, DEATHS, AND OFFERED ANIMALS DURING THE REFERENCE PERIOD BY ZONE AND REGION

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	3,667,571	2,252,404	1,415,167	308,202	169,881	138,322	3,241,227	1,396,757	1,844,470	399,617	171,186	228,431
Tigray	265,563	172,606	92,957	32,032	16,581	15,452	172,758	74,337	98,421	43,015	20,228	22,788
North West Tigray	58,365	34,975	23,390	8,876	5,304	3,572	50,979	19,983	30,996	14,486	6,689	7,797
Central Tigray	56,768	40,252	16,516	8,221	5,473	2,748	25,602	12,024	13,579	12,625	5,815	6,810
Eastern Tigray	47,472	27,023	20,449	3,275	1,619	1,656	16,336	7,505	8,831	3,829	1,706	2,123
Southern Tigray	80,645	55,729	24,917	7,098	1,766	5,332	47,027	20,821	26,206	10,643	4,952	5,691
Western Tigray	22,312	14,627	7,685	4,562	2,418	2,144	32,814	14,005	18,810	1,434	1,066	367
Afar	25,530	14,598	10,932	*	1,457	*	40,454	10,364	30,090	758	181	*
Zone 1	7,445	3,830	3,615	899	489	411	14,703	3,615	11,088	224	83	141
Zone 3	18,085	10,768	7,317	*	968	*	25,750	6,749	19,002	*	*	*
Amhara	841,612	541,380	300,232	66,482	37,085	29,397	523,398	243,990	279,407	44,827	19,884	24,943
North Gonder	100,093	63,374	36,719	8,534	5,783	2,751	95,406	37,615	57,791	7,360	3,247	4,112
South Gonder	105,432	64,823	40,609	7,961	3,716	4,244	56,154	27,129	29,025	4,274	2,203	2,071
North Wolo	89,192	59,506	29,686	5,841	3,216	2,625	47,641	26,681	20,961	4,126	1,185	2,941
South Wolo	159,412	98,650	60,762	12,685	5,866	6,819	62,417	33,057	29,361	4,779	*	3,644
North Shewa	94,414	64,866	29,548	11,090	6,127	4,963	74,038	38,092	35,946	7,306	3,774	3,532
East Gojam	95,954	62,313	33,641	8,606	5,188	3,417	48,995	21,204	27,791	5,650	3,491	*
West Gojam	93,280	67,626	25,654	5,422	4,629	*	56,926	26,398	30,527	6,230	3,061	3,169
Waghamera	21,647	13,394	8,252	1,055	*	914	19,358	9,123	10,235	1,293	*	680
Awi	46,990	27,853	19,138	2,156	1,453	703	32,309	13,836	18,473	2,645	*	1,969
Oromia	35,198	18,974	16,223	3,134	965	2,169	30,154	10,856	19,298	*	*	*
Oromia	1,658,413	1,063,913	594,500	134,501	73,504	60,996	1,632,121	736,209	895,913	186,547	83,811	102,736
West Wellega	53,449	30,557	22,892	1,760	*	*	94,061	41,304	52,756	*	*	*
East Wellega	70,145	44,691	25,454	4,024	1,342	2,683	93,934	48,706	45,228	4,348	2,128	2,220
Illubabor	65,131	40,793	24,338	3,513	1,504	2,008	73,131	38,553	34,577	*	*	*
Jimma	163,592	109,668	53,924	7,635	4,527	3,108	144,920	73,293	71,627	57,761	28,623	29,137
West Shewa	154,875	93,505	61,371	27,562	13,545	14,016	114,205	53,138	61,066	12,897	6,731	6,166
North Shewa	125,875	81,279	44,596	*	*	8,612	72,237	31,393	40,843	5,597	3,107	2,490
East Shewa	77,850	50,600	27,250	8,913	4,683	4,230	60,823	29,292	31,531	6,152	3,124	3,028
Arsi	163,094	106,486	56,608	14,199	4,960	9,240	116,233	53,600	62,633	12,629	4,655	7,973
West Harerghe	98,841	64,888	33,953	2,964	1,694	1,270	66,428	26,615	39,813	12,885	6,061	6,824
East Harerghe	107,243	59,040	48,202	2,118	*	*	68,423	27,066	41,356	15,349	6,407	8,941
Bale	84,346	58,138	26,208	6,544	3,800	2,745	100,417	46,538	53,878	13,502	5,592	7,910
Borena	103,495	75,543	27,952	4,325	2,686	1,639	289,463	114,287	175,176	10,085	2,503	7,582
South West Shewa	86,956	64,440	22,515	11,550	7,533	4,017	50,359	24,249	26,110	2,942	1,711	1,231
Guji	98,234	64,375	33,859	3,477	2,099	*	54,350	17,264	37,086	*	*	*
Kelem Wellega	22,639	12,499	10,139	734	489	*	56,199	30,142	26,057	1,937	1,343	594
Horoguduru Wellega	28,133	16,684	11,449	2,842	1,661	1,181	55,236	28,980	26,255	3,158	889	2,268
West Arsi	154,515	90,725	63,790	5,449	3,048	2,401	121,704	51,786	69,917	16,352	6,646	9,706

TABLE 3-20 – a CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	40,640	25,321	15,319	5,342	*	1,852	196,995	51,864	145,132	3,467	1,310	2,157
Shinele	1,646	1,170	475	167	153	15	2,450	970	1,480	344	105	239
Jijiga	22,154	13,220	8,934	*	*	*	21,225	7,905	13,320	*	*	*
Liben	16,841	10,930	5,911	*	*	*	173,320	42,989	130,331	*	*	*
Benshangul-Gumuz	26,165	15,240	10,924	2,284	1,331	954	36,501	17,304	19,197	*	*	*
Metekel	15,312	9,409	5,903	1,399	843	556	19,889	8,774	11,116	*	*	*
Asosa	8,004	4,083	3,921	643	*	*	10,402	5,486	4,916	*	-	*
Kemeshi	2,848	1,748	1,100	243	209	*	6,210	3,044	3,166	*	*	*
SNNP	800,702	414,662	386,039	62,283	35,953	26,330	630,800	259,333	371,467	118,238	44,621	73,617
Gurage	46,678	24,288	22,390	19,280	11,551	7,729	45,757	17,986	27,772	8,773	3,698	5,075
Hadiya	81,644	45,811	35,833	*	*	*	38,152	16,147	22,005	7,457	2,949	4,509
Kembata Tembaro	42,021	20,618	21,403	1,029	454	*	19,238	9,020	10,218	5,970	2,124	3,845
Sidama	170,229	58,786	111,443	11,035	7,347	3,688	82,247	32,484	49,764	11,299	6,058	5,241
Gedio	41,039	26,632	14,406	676	676	-	6,201	1,642	4,559	*	*	*
Wolayita	105,582	65,285	40,297	1,468	*	*	67,314	28,743	38,572	5,937	2,691	3,245
South Omo	17,703	10,850	6,853	3,952	2,662	1,290	57,997	18,665	39,333	15,820	4,613	11,206
Shaka	12,355	7,385	4,970	1,163	422	741	8,499	3,816	4,684	2,584	569	2,015
Kaffa	51,350	30,269	21,080	4,117	1,761	2,355	55,545	25,670	29,875	20,000	4,576	*
Gamo Gofa	85,031	43,086	41,945	2,034	874	1,159	94,019	35,550	58,470	15,704	6,535	9,169
Bench Maji	47,459	23,991	23,468	*	*	*	37,242	16,420	20,822	14,380	5,466	8,913
Yem Sp. Wereda	3,448	2,169	1,280	508	128	380	2,724	1,226	1,498	471	133	338
Amaro Sp. Wereda	4,751	3,512	1,239	491	361	*	8,134	3,261	4,873	490	346	*
Burji Sp. Wereda	1,729	1,215	515	*	*	*	5,142	2,334	2,808	110	*	*
Konso Sp. Wereda	2,689	1,601	1,088	*	*	-	9,026	3,946	5,080	1,557	604	953
Derashe Sp. Wereda	3,153	2,456	697	*	*	-	7,335	4,269	3,066	1,307	759	*
Dawro	32,910	17,454	15,456	1,710	*	1,358	42,083	17,899	24,184	889	395	494
Basketo Sp. Wereda	2,173	932	1,241	370	214	156	2,439	1,041	1,397	959	305	654
Konta Sp. Wereda	5,347	3,397	1,950	*	*	-	12,052	5,419	6,633	578	166	411
Silte	34,272	19,658	14,614	6,205	*	2,151	18,467	9,113	9,354	2,222	1,632	590
Alaba Sp. Wereda	9,140	5,268	3,872	517	288	*	11,186	4,684	6,502	1,150	547	*
Harari	5,028	1,903	*	169	143	*	3,180	1,381	1,798	668	262	406
Hundene	5,028	1,903	*	169	143	*	3,180	1,381	1,798	668	262	406
Addis Ababa	2,013	1,667	346	480	311	170	2,059	998	1,061	*	*	-
Zone 3	1,152	926	227	380	247	133	1,608	724	884	*	*	-
Zone 6	861	742	119	*	*	*	451	273	178	-	-	-
Dire Dawa	1,906	1,113	793	*	*	-	2,961	978	1,983	419	*	334

b. Sheep

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	4,808,622	2,576,841	2,231,781	2,373,722	1,819,791	553,931	4,552,809	1,500,972	3,051,837	245,935	57,878	188,056
Tigray	176,770	103,571	73,199	109,733	90,281	19,452	183,340	62,596	120,744	5,310	1,425	3,885
North West Tigray	13,417	9,311	4,106	6,726	4,445	*	14,560	4,670	9,890	*	-	*
Central Tigray	34,819	21,911	12,908	13,522	10,290	3,232	50,336	12,749	37,587	*	*	*
Eastern Tigray	72,248	36,060	36,188	37,244	31,474	5,769	59,620	23,301	36,319	*	*	*
Southern Tigray	53,214	34,524	18,690	46,110	39,673	6,437	50,663	19,077	31,587	*	706	*
Western Tigray	*	*	*	*	*	*	*	*	*	-	-	-
Afar	38,900	22,874	16,025	10,882	6,962	3,921	33,796	9,749	24,047	*	*	*
Zone 1	12,905	7,775	5,129	2,589	1,490	1,100	10,249	3,305	6,944	257	37	*
Zone 3	25,995	15,099	10,896	8,293	5,472	*	23,547	6,444	17,103	*	*	*
Amhara	1,713,143	883,376	829,767	1,341,582	1,047,235	294,347	1,528,469	479,098	1,049,371	66,303	15,475	50,828
North Gonder	145,828	77,054	68,774	114,366	97,119	17,248	209,702	69,517	140,184	*	*	*
South Gonder	181,930	89,008	92,922	116,197	88,267	27,930	147,868	47,529	100,339	*	*	*
North Wolo	155,520	72,611	82,909	159,206	119,685	39,521	147,531	46,898	100,633	10,246	*	7,758
South Wolo	429,967	219,880	210,087	111,218	72,192	39,026	189,192	65,257	123,935	*	*	*
North Shewa	199,010	100,700	98,310	139,756	108,811	30,945	327,211	116,903	210,308	11,807	*	*
East Gojam	296,292	149,766	146,526	363,414	285,473	77,942	279,114	64,379	214,735	7,840	3,030	*
West Gojam	199,944	114,659	85,285	199,396	175,278	24,118	140,540	43,299	97,241	5,816	*	4,949
Waghamera	15,785	9,456	6,329	7,748	7,073	675	15,274	5,800	9,473	-	-	-
Awı	79,663	45,297	34,366	128,538	92,086	36,452	66,093	17,796	48,297	*	*	*
Oromia	9,205	4,946	4,259	1,741	1,252	490	5,944	1,718	4,226	*	*	*
Oromia	2,178,793	1,235,065	943,728	709,062	525,054	184,008	2,042,771	712,913	1,329,857	99,758	26,161	73,597
West Wellega	39,038	20,146	18,893	4,099	2,836	*	44,507	17,144	27,363	*	*	*
East Wellega	45,883	28,347	17,536	7,541	6,674	867	41,201	14,558	26,643	3,611	*	1,583
Illubabor	63,945	30,342	33,603	16,188	11,995	4,193	95,573	34,997	60,576	*	*	*
Jimma	157,595	88,407	69,187	35,818	25,383	10,435	195,315	65,813	129,502	18,260	*	17,218
West Shewa	334,232	175,910	158,322	96,345	76,613	19,732	259,840	86,120	173,720	13,115	*	11,844
North Shewa	415,427	289,810	125,617	315,462	216,842	98,620	271,323	100,495	170,828	21,476	*	11,276
East Shewa	80,595	47,629	32,966	30,733	23,923	6,810	113,985	33,934	80,051	*	*	*
Arsi	374,452	191,469	182,983	64,284	49,110	15,174	302,732	105,413	197,319	8,028	1,843	6,185
West Harerghe	33,733	15,045	18,688	5,952	4,432	*	33,883	14,382	19,500	3,356	1,036	*
East Harerghe	51,895	28,221	23,674	18,242	16,467	*	50,414	20,577	29,837	2,543	*	*
Bale	96,885	56,490	40,395	21,260	16,461	4,799	157,555	48,339	109,216	6,903	*	5,098
Borena	32,488	18,304	14,184	9,318	8,372	946	98,699	36,139	62,560	2,695	*	1,640
South West Shewa	71,674	46,141	25,534	35,328	28,329	6,999	58,452	24,921	33,531	*	*	*
Guji	62,524	32,464	30,060	7,869	6,925	*	31,975	11,963	20,013	*	-	*
Kelem Wellega	33,461	15,792	17,669	4,256	3,088	1,168	41,824	14,676	27,148	*	*	-
Horoguduru Wellega	34,107	16,555	17,552	8,891	8,286	604	43,182	17,162	26,020	*	*	*
West Arsi	250,859	133,993	116,866	27,476	19,315	8,161	202,310	66,281	136,029	6,671	2,143	4,528

TABLE 3-20 – b CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	58,149	42,264	15,885	17,893	14,204	3,689	61,284	19,839	41,445	4,174	1,488	2,686
Shinele	6,526	4,450	2,075	2,213	1,835	379	8,905	3,354	5,551	1,007	378	629
Jijiga	45,410	34,290	11,120	8,817	7,297	1,520	27,083	9,524	17,559	2,283	752	1,530
Liben	6,213	3,524	2,690	6,863	5,072	1,791	25,296	6,960	18,335	*	*	*
Benshangul-Gumuz	16,310	9,141	7,170	10,396	8,249	2,148	29,943	10,921	19,022	284	*	*
Metekel	10,551	6,233	4,319	8,504	6,828	1,676	15,679	5,139	10,539	*	*	*
Asosa	3,271	*	1,764	462	*	*	9,294	3,805	5,488	*	-	*
Kemeshi	2,488	1,401	1,087	1,430	1,163	*	4,970	1,976	2,994	-	-	-
SNNP	620,673	276,474	344,200	167,284	121,429	45,855	658,448	201,554	456,894	67,625	12,077	55,548
Gurage	36,115	15,280	20,835	19,220	10,976	8,244	35,050	9,646	25,405	3,049	*	2,834
Hadiya	40,559	12,999	27,560	6,913	4,528	2,385	36,990	11,426	25,565	7,067	*	5,851
Kembata Tembaro	26,566	12,025	14,542	2,097	1,539	*	16,288	5,152	11,136	2,455	*	2,233
Sidama	108,299	35,646	72,654	13,475	8,896	4,579	68,758	20,803	47,954	*	-	*
Gedio	44,413	19,684	24,730	10,830	8,790	2,040	15,765	5,258	10,507	*	*	*
Wolayita	37,852	18,051	19,801	*	*	-	20,277	7,209	13,069	1,310	*	*
South Omo	34,678	20,050	14,627	20,009	15,065	4,945	61,293	18,705	42,588	10,436	3,473	6,964
Shaka	13,122	6,900	6,221	8,956	6,853	2,103	*	6,861	*	856	306	550
Kaffa	92,442	47,565	44,877	29,034	23,898	5,136	104,860	33,749	71,111	*	1,998	*
Gamo Gofa	50,432	21,433	28,998	19,477	13,509	5,968	117,787	27,674	90,113	11,161	2,491	8,669
Bench Maji	48,798	24,615	24,183	18,236	12,916	5,320	52,353	17,770	34,582	3,912	808	3,104
Yem Sp. Wereda	2,566	1,506	1,061	*	131	*	3,873	1,235	2,638	153	-	153
Amaro Sp. Wereda	3,602	1,546	2,056	646	532	*	8,435	2,740	5,695	*	213	*
Burji Sp. Wereda	214	125	*	79	56	*	633	251	382	-	-	-
Konso Sp. Wereda	2,909	1,983	926	1,683	1,616	*	9,999	3,055	6,944	*	*	*
Derashe Sp. Wereda	938	*	601	*	*	*	1,577	566	1,012	*	-	*
Dawro	27,672	14,089	13,583	1,532	888	*	25,538	10,842	14,696	*	-	*
Basketo Sp. Wereda	1,420	523	897	580	341	239	3,614	1,016	2,597	404	*	313
Konta Sp. Wereda	2,575	1,696	879	*	*	*	4,337	1,628	2,709	*	*	*
Silte	40,523	18,522	22,000	11,308	8,572	2,736	39,292	12,662	26,630	3,200	*	2,631
Alaba Sp. Wereda	4,979	1,899	3,080	1,720	1,397	323	9,129	3,305	5,824	350	-	350
Harari	267	98	169	357	292	*	686	332	354	*	*	-
Hundene	267	98	169	357	292	*	686	332	354	*	*	-
Addis Ababa	3,157	2,210	946	5,847	5,479	368	2,816	1,113	1,703	*	*	-
Zone 3	2,625	1,869	756	4,641	4,344	297	1,800	661	1,139	*	*	-
Zone 6	532	342	*	1,207	1,135	71	1,016	452	564	*	*	-
Dire Dawa	2,460	1,769	692	684	607	*	11,256	2,857	8,399	768	248	520

c. Goats

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	2,816,576	1,463,601	1,352,975	1,237,004	866,397	370,608	3,966,401	1,420,446	2,545,955	186,127	51,873	134,255
Tigray	425,786	237,638	188,148	221,027	156,552	64,475	665,023	202,311	462,712	13,097	4,808	*
North West Tigray	148,011	86,076	61,935	78,664	55,661	23,003	262,918	75,963	186,955	4,246	2,206	2,039
Central Tigray	106,882	59,061	47,820	56,787	36,210	20,577	209,713	59,424	150,289	*	1,245	*
Eastern Tigray	45,550	20,278	25,272	21,353	14,475	6,878	37,691	13,302	24,389	*	-	*
Southern Tigray	96,465	53,152	43,313	37,393	30,671	6,722	84,501	27,843	56,658	*	*	*
Western Tigray	28,878	19,070	9,808	26,831	19,536	7,295	70,200	25,778	44,421	504	*	*
Afar	88,441	50,225	38,216	23,148	15,948	7,200	70,488	21,166	49,322	3,840	*	2,362
Zone 1	23,354	13,217	10,137	4,211	2,856	1,355	15,454	4,691	10,763	266	*	189
Zone 3	65,088	37,008	28,080	18,937	13,092	5,845	55,034	16,476	38,559	*	*	*
Amhara	1,030,372	493,161	537,211	586,311	406,587	179,724	1,169,046	447,303	721,743	40,514	13,853	26,662
North Gonder	214,266	105,538	108,728	131,194	97,681	33,513	335,452	131,733	203,719	5,900	*	3,723
South Gonder	144,295	60,259	84,036	77,831	53,891	23,939	112,812	38,787	74,024	*	*	*
North Wolo	153,995	66,534	87,461	90,606	62,059	28,548	99,873	38,280	61,593	6,989	1,948	5,041
South Wolo	156,796	76,404	80,392	81,703	52,926	28,776	127,162	53,908	73,254	*	-	*
North Shewa	103,375	54,695	48,681	52,833	32,890	19,943	223,719	91,315	132,404	9,009	3,587	5,422
East Gojam	54,721	31,766	22,955	48,968	31,478	17,489	56,906	14,471	42,435	*	*	*
West Gojam	61,433	29,487	31,946	31,437	24,380	7,056	47,842	20,721	27,121	*	*	*
Waghamera	80,847	40,524	40,323	30,739	24,608	6,131	111,114	38,149	72,965	3,615	*	*
Awi	21,415	11,866	9,549	33,031	21,808	11,222	28,472	12,423	16,049	*	*	*
Oromia	39,229	16,089	23,140	7,972	4,866	3,106	25,694	7,516	18,178	2,320	*	2,011
Oromia	915,570	493,635	421,935	255,178	186,381	68,796	1,430,927	523,479	907,448	88,452	19,634	68,818
West Wellega	11,359	6,278	5,081	2,275	1,940	*	17,094	7,175	9,918	-	-	-
East Wellega	10,519	5,847	4,672	5,140	2,988	*	23,971	9,525	14,446	*	*	*
Illubabor	9,487	3,191	6,296	3,537	2,829	708	48,405	22,822	25,582	*	*	*
Jimma	33,394	20,804	12,590	8,655	6,348	2,307	61,338	24,782	36,555	*	*	*
West Shewa	69,207	36,882	32,324	36,378	24,033	12,345	96,778	36,723	60,055	2,617	-	2,617
North Shewa	27,621	16,304	11,317	27,812	21,499	6,312	24,110	8,779	15,331	*	*	*
East Shewa	101,093	57,670	43,423	25,175	20,454	4,721	112,715	35,888	76,827	*	2,134	*
Arsi	90,538	41,674	48,864	14,810	9,326	5,484	129,548	46,447	83,102	6,431	*	5,473
West Harerghe	150,544	78,937	71,606	28,419	23,055	5,364	156,034	53,010	103,025	11,498	*	10,598
East Harerghe	146,358	81,237	65,121	26,908	23,213	3,695	112,838	38,166	74,672	18,078	6,369	11,709
Bale	60,819	32,971	27,848	18,304	13,267	5,037	143,557	49,103	94,454	8,619	2,420	6,198
Borena	69,613	41,935	27,678	13,406	7,947	5,459	257,445	99,356	158,089	14,468	1,775	12,693
South West Shewa	27,163	12,774	14,389	14,794	11,665	3,129	50,079	18,683	31,396	1,791	-	1,791
Guji	25,483	14,835	10,648	4,462	3,304	1,158	75,248	28,963	46,285	*	*	*
Kelem Wellega	5,865	3,039	2,826	*	1,920	*	16,960	7,576	9,385	*	*	-
Horoguduru Wellega	11,077	5,865	5,212	4,433	2,580	1,853	17,177	6,216	10,960	-	-	-
West Arsi	65,430	33,391	32,039	18,148	10,013	*	87,630	30,265	57,365	3,470	*	2,272

TABLE 3-20 – c CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	93,151	65,041	28,110	31,438	22,144	9,293	94,939	33,091	61,848	9,169	2,406	6,763
Shinele	16,363	10,652	5,711	4,858	3,582	1,276	16,113	6,440	9,673	3,334	1,226	2,108
Jijiga	49,627	35,854	13,773	*	*	*	26,748	10,546	16,202	3,160	*	2,488
Liben	27,160	18,534	8,626	21,763	14,348	7,414	52,078	16,105	35,972	2,676	509	2,167
Benshangul-Gumuz	49,123	24,910	24,213	38,524	24,732	13,792	199,908	71,893	128,015	2,687	1,157	1,531
Metekel	21,113	9,514	11,599	21,018	14,510	6,509	60,065	22,948	37,117	1,371	507	*
Asosa	21,436	11,997	9,439	12,653	7,000	5,653	113,624	39,574	74,050	*	*	*
Kemeshi	6,574	3,399	3,175	4,853	3,223	1,630	26,219	9,371	16,848	*	*	*
SNNP	201,321	90,973	110,348	77,659	51,261	26,398	309,838	113,519	196,319	25,655	7,735	17,920
Gurage	10,768	5,244	5,524	2,180	1,649	*	16,010	5,859	10,151	-	-	-
Hadiya	22,207	7,489	14,718	7,876	4,348	3,528	16,846	8,387	8,459	5,303	1,406	3,897
Kembata Tembaro	5,403	1,358	4,045	4,022	1,400	2,622	5,062	1,251	3,811	1,264	*	901
Sidama	28,844	6,693	22,151	3,936	*	2,723	16,234	4,228	12,007	*	*	*
Gedio	1,319	-	1,319	-	-	-	*	*	*	-	-	-
Wolayita	17,304	8,369	8,935	*	-	*	*	3,016	*	*	*	1,387
South Omo	17,989	13,100	4,888	25,660	18,887	6,773	106,925	40,258	66,667	6,882	3,135	3,747
Shaka	972	431	542	1,329	640	690	1,140	484	657	-	-	-
Kaffa	13,299	7,094	6,205	6,921	6,022	*	17,589	6,898	10,690	*	*	*
Gamo Gofa	17,017	7,017	10,000	*	2,951	*	26,955	8,639	18,316	*	*	*
Bench Maji	16,301	10,367	5,935	5,627	3,875	1,752	*	4,192	*	*	*	*
Yem Sp. Wereda	2,882	1,191	1,691	*	*	*	4,124	1,457	2,667	*	*	*
Amaro Sp. Wereda	2,512	1,128	1,384	814	554	*	12,693	4,777	7,916	*	*	*
Burji Sp. Wereda	1,141	582	559	610	522	87	8,973	3,255	5,718	*	*	*
Konso Sp. Wereda	7,463	3,995	3,468	2,921	2,589	*	17,930	5,373	12,557	977	*	675
Derashe Sp. Wereda	4,715	2,307	2,408	1,608	1,157	*	6,233	2,532	3,701	688	-	688
Dawro	4,996	2,349	2,647	*	*	*	5,788	2,606	3,182	-	-	-
Basketo Sp. Wereda	359	77	282	*	*	*	460	159	300	*	*	*
Konta Sp. Wereda	832	411	421	*	*	*	1,681	976	705	-	-	-
Silte	17,502	7,754	9,748	4,236	2,351	*	15,041	5,239	9,802	*	*	*
Alaba Sp. Wereda	7,496	4,018	3,478	3,300	2,514	786	7,908	3,670	4,238	*	*	*
Harari	3,340	1,682	1,657	1,312	1,103	209	3,572	1,047	2,524	598	171	427
Hundene	3,340	1,682	1,657	1,312	1,103	209	3,572	1,047	2,524	598	171	427
Addis Ababa	1,155	554	601	555	326	228	899	308	591	*	-	*
Zone 3	973	472	501	298	178	120	726	253	473	*	-	*
Zone 6	*	*	*	256	149	108	173	*	*	-	-	-
Dire Dawa	8,317	5,782	2,535	1,853	1,360	492	21,761	6,328	15,433	2,095	631	1,464

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	121,447	75,220	46,227	156,480	64,649	91,830	12,612	3,907	8,705
Tigray	*	1,028	*	2,780	1,110	1,669	-	-	-
North West Tigray	-	-	-	829	*	572	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-
Eastern Tigray	*	*	*	*	*	*	-	-	-
Southern Tigray	*	*	-	1,297	*	*	-	-	-
Western Tigray	*	*	-	*	*	*	-	-	-
Afar	*	*	-	*	*	*	-	-	-
Zone 1	*	*	-	*	*	*	-	-	-
Zone 3	-	-	-	*	-	*	-	-	-
Amhara	20,328	10,645	9,684	40,494	16,360	24,134	2,730	*	1,809
North Gonder	4,350	*	*	*	*	*	*	-	*
South Gonder	1,551	*	*	*	-	*	-	-	-
North Wolo	*	*	*	*	*	*	-	-	-
South Wolo	4,185	*	2,076	2,094	*	*	*	-	*
North Shewa	2,850	*	1,413	*	*	*	*	-	*
East Gojam	2,820	1,115	*	5,797	2,668	3,129	*	*	-
West Gojam	-	-	-	*	-	*	*	*	*
Waghamera	-	-	-	*	*	-	*	-	*
Awi	3,514	2,734	*	6,242	3,627	2,616	*	-	*
Oromia	-	-	-	*	*	-	-	-	-
Oromia	76,946	47,462	29,484	85,314	34,487	50,827	5,488	1,199	4,289
West Wellega	*	-	*	-	-	-	-	-	-
East Wellega	*	*	-	*	*	*	*	*	-
Illubabor	*	*	*	3,640	1,344	2,296	*	-	*
Jimma	7,595	4,939	2,656	5,950	3,182	*	*	*	*
West Shewa	17,840	9,759	8,080	13,037	4,736	8,301	*	-	*
North Shewa	4,794	3,038	1,756	5,732	1,877	3,855	880	*	*
East Shewa	1,469	1,469	-	*	*	-	-	-	-
Arsi	12,359	7,455	4,904	8,464	2,478	5,987	-	-	-
West Harerghe	*	*	*	1,068	*	*	*	*	-
East Harerghe	*	*	*	*	-	*	-	-	-
Bale	5,312	3,747	*	9,848	5,020	*	-	-	-
Borena	*	*	-	*	-	*	-	-	-
South West Shewa	2,450	2,306	*	2,072	1,321	*	-	-	-
Guji	5,028	2,857	*	7,128	3,160	3,968	-	-	-
Kelem Wellega	*	-	*	*	*	*	-	-	-
Horoguduru Wellega	1,935	1,397	538	4,473	2,341	2,132	*	*	*
West Arsi	10,765	7,239	3,526	20,329	6,708	13,621	*	-	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	*	*	*	7	7	-
Shinele	*	-	*	*	*	*	7	7	-
Jijiga	*	*	-	*	-	*	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	*	*	-	-	-
Metekel	*	*	*	*	*	-	-	-	-
Asosa	-	-	-	*	*	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
SNNP	22,281	15,672	6,609	26,679	12,336	14,343	4,387	1,780	*
Gurage	3,158	1,951	1,207	*	*	*	*	*	*
Hadiya	3,171	2,347	823	2,326	*	2,149	*	*	*
Kembata Tembaro	*	*	-	*	*	*	*	-	*
Sidama	*	*	*	*	*	*	-	-	-
Gedio	*	715	*	2,562	1,196	1,366	-	-	-
Wolayita	-	-	-	*	*	-	-	-	-
South Omo	442	*	*	1,174	581	592	-	-	-
Shaka	*	*	*	*	*	*	-	-	-
Kaffa	4,304	2,888	*	5,797	3,493	2,303	*	*	*
Gamo Gofa	1,668	1,182	*	*	*	*	-	-	-
Bench Maji	*	*	*	*	1,900	*	-	-	-
Yem Sp. Wereda	*	*	*	*	*	-	*	-	*
Amaro Sp. Wereda	-	-	-	*	*	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	*	*	*	-	-	-
Derashe Sp. Wereda	*	*	*	*	*	*	-	-	-
Dawro	*	*	*	1,068	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	-	-	-
Konta Sp. Wereda	*	*	-	175	116	*	-	-	-
Silte	1,514	*	541	*	*	*	*	*	*
Alaba Sp. Wereda	338	*	*	457	*	282	-	-	-
Harari	-	-	-	*	-	*	-	-	-
Hundene	-	-	-	*	-	*	-	-	-
Addis Ababa	56	56	-	49	49	-	-	-	-
Zone 3	28	28	-	*	*	-	-	-	-
Zone 6	*	*	-	*	*	-	-	-	-
Dire Dawa	-	-	-	*	*	*	-	-	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	226,366	132,377	93,990	282,806	136,711	146,095	11,307	3,835	7,473
Tigray	30,954	18,770	12,184	21,178	11,297	9,881	*	*	*
North West Tigray	2,777	1,556	1,221	2,189	962	1,227	-	-	-
Central Tigray	5,440	2,686	2,753	5,490	1,973	3,517	-	-	-
Eastern Tigray	8,563	4,865	3,697	2,710	1,844	866	*	-	*
Southern Tigray	13,286	8,773	4,512	9,015	5,373	3,642	-	-	-
Western Tigray	889	889	-	1,775	1,146	*	*	*	-
Afar	397	*	128	496	192	303	*	*	-
Zone 1	*	*	*	*	*	*	*	*	-
Zone 3	364	*	114	459	170	289	-	-	-
Amhara	90,924	48,150	42,774	79,440	33,504	45,937	1,558	*	*
North Gonder	12,047	7,934	4,113	14,751	7,983	6,768	-	-	-
South Gonder	9,987	5,140	4,847	6,512	*	4,998	*	-	*
North Wolo	13,443	6,751	6,693	8,221	3,007	5,214	-	-	-
South Wolo	16,917	6,938	9,979	5,039	2,774	*	*	-	*
North Shewa	11,020	7,316	3,704	11,943	6,545	5,398	*	-	*
East Gojam	9,635	5,378	4,257	14,826	5,179	9,647	-	-	-
West Gojam	8,879	4,408	4,471	7,685	1,431	6,254	*	*	-
Waghamera	4,002	2,036	1,966	4,625	2,400	2,225	-	-	-
Awi	3,007	1,512	1,494	3,645	1,929	1,716	-	-	-
Oromia	1,987	738	1,250	2,193	742	1,452	-	-	-
Oromia	78,437	48,565	29,872	149,161	73,868	75,293	7,926	2,907	5,019
West Wellega	5,200	2,833	2,367	6,636	1,885	4,751	-	-	-
East Wellega	3,957	2,231	1,725	12,850	*	4,134	-	-	-
Illubabor	782	*	*	*	*	*	-	-	-
Jimma	3,417	*	1,347	5,714	4,007	1,707	-	-	-
West Shewa	8,072	5,432	2,641	6,944	3,061	3,884	*	-	*
North Shewa	8,130	5,643	2,487	14,683	6,331	8,353	*	-	*
East Shewa	3,615	2,054	1,561	14,629	6,756	7,873	*	-	*
Arsi	11,175	5,227	5,949	21,876	11,911	9,965	*	*	*
West Harerghe	4,236	3,698	*	9,899	3,903	5,996	2,119	*	*
East Harerghe	7,903	6,147	*	5,645	3,078	2,567	1,899	*	*
Bale	3,426	1,957	1,468	15,547	7,370	8,177	*	*	-
Borena	1,298	678	620	4,809	2,786	2,023	*	-	*
South West Shewa	6,157	4,737	1,420	5,844	3,761	2,083	-	-	-
Guji	*	*	*	*	*	*	*	-	*
Kelem Wellega	1,296	616	680	4,570	*	1,964	-	-	-
Horoguduru Wellega	897	365	532	5,119	2,162	2,957	-	-	-
West Arsi	8,198	3,844	4,354	11,829	4,725	7,105	*	*	*

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	4,852	2,427	2,425	*	*	*
Shinele	20	20	-	322	168	154	*	*	-
Jijiga	*	*	*	*	*	*	*	-	*
Liben	*	*	*	2,596	*	1,095	-	-	-
Benshangul-Gumuz	3,072	2,933	*	7,262	5,107	2,155	-	-	-
Metekel	1,461	1,427	*	2,667	1,970	698	-	-	-
Asosa	1,197	1,116	*	*	*	*	-	-	-
Kemeshi	415	391	*	658	629	*	-	-	-
SNNP	21,521	12,824	8,697	19,334	9,768	9,566	1,524	*	*
Gurage	2,276	1,363	913	3,637	1,958	*	*	*	-
Hadiya	4,245	2,056	2,189	3,275	1,426	1,849	*	-	*
Kembata Tembaro	2,103	1,681	*	790	563	*	*	*	-
Sidama	*	*	*	*	*	*	*	-	*
Gedio	-	-	-	1,051	*	*	-	-	-
Wolayita	4,418	3,928	*	*	847	*	-	-	-
South Omo	*	*	-	375	-	375	*	-	*
Shaka	*	*	-	*	*	-	-	-	-
Kaffa	*	*	-	*	*	-	-	-	-
Gamo Gofa	-	-	-	*	*	*	-	-	-
Bench Maji	*	-	*	*	*	*	-	-	-
Yem Sp. Wereda	-	-	-	*	*	*	*	-	*
Amaro Sp. Wereda	-	-	-	*	*	*	-	-	-
Burji Sp. Wereda	*	*	-	270	136	135	-	-	-
Konso Sp. Wereda	-	-	-	313	251	*	-	-	-
Derashe Sp. Wereda	*	-	*	403	*	316	-	-	-
Dawro	319	*	*	791	470	321	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	-	-	-	-
Konta Sp. Wereda	*	*	-	*	*	-	-	-	-
Silte	3,657	1,577	2,080	1,556	671	885	*	*	*
Alaba Sp. Wereda	765	338	427	541	*	374	*	-	*
Harari	*	*	*	376	216	160	*	*	-
Hundene	*	*	*	376	216	160	*	*	-
Addis Ababa	112	112	-	320	264	57	-	-	-
Zone 3	93	93	-	190	181	*	-	-	-
Zone 6	*	*	-	130	*	47	-	-	-
Dire Dawa	100	*	*	387	*	318	*	*	-

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	27,788	13,524	14,264	20,068	8,890	11,178	969	*	*
Tigray	*	*	*	984	*	*	-	-	-
North West Tigray	-	-	-	*	-	*	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	*	*	*	-	-	-
Southern Tigray	*	*	*	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
Afar	-	-	-	*	*	-	*	*	*
Zone 1	-	-	-	-	-	-	-	*	-
Zone 3	-	-	-	*	*	-	*	*	*
Amhara	12,533	5,280	7,254	5,503	2,444	3,059	-	*	-
North Gonder	-	-	-	*	-	*	-	-	-
South Gonder	2,912	*	2,223	*	-	*	-	-	-
North Wolo	2,101	*	*	*	*	-	-	-	-
South Wolo	2,828	*	1,732	*	*	-	-	-	-
North Shewa	2,009	*	*	*	-	*	-	*	-
East Gojam	*	*	*	*	*	*	-	-	-
West Gojam	*	*	-	*	*	*	-	-	-
Waghamera	*	-	*	*	*	*	-	-	-
Awi	*	*	-	-	-	-	-	-	-
Oromia	*	-	*	-	-	-	-	-	-
Oromia	8,637	3,131	5,506	10,693	4,157	6,536	*	*	*
West Wellega	-	-	-	*	*	*	*	-	*
East Wellega	795	795	-	*	*	-	-	-	-
Illubabor	*	*	*	*	-	*	-	-	-
Jimma	2,034	*	1,651	*	1,444	*	-	-	-
West Shewa	1,382	*	*	*	-	*	-	-	-
North Shewa	*	-	*	*	-	*	-	-	-
East Shewa	*	*	-	*	-	*	-	-	-
Arsi	1,310	*	*	*	*	*	-	-	-
West Harerghe	-	-	-	*	-	*	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	1,033	*	*	*	*	*	*	-	-
Borena	*	*	-	778	*	*	-	*	-
South West Shewa	*	*	*	*	*	*	-	-	-
Guji	*	*	-	*	*	*	-	-	-
Kelem Wellega	*	-	*	*	*	*	-	-	-
Horoguduru Wellega	*	-	*	-	-	-	-	-	-
West Arsi	-	-	-	*	-	*	-	-	-

g. Camels

[illegible]

TABLE 3-20 – g CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	6,789	5,589	1,200	*	*	582	17,131	4,814	12,317	*	*	*
Shinele	272	229	43	51	51	-	436	230	206	14	*	*
Jijiga	*	*	-	*	*	-	4,497	1,414	3,083	*	-	*
Liben	4,529	3,373	1,157	*	*	582	*	3,170	*	*	-	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Harari	*	*	*	-	-	-	*	*	*	-	-	-
Hundene	*	*	*	-	-	-	*	*	*	-	-	-
Addis Ababa	-	-	-	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa	*	*	-	-	-	-	244	114	*	-	-	-

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	8,300,628	9,324,536	32,508,700	308,230
Tigray	1,101,195	1,975,177	3,284,526	62,121
North West Tigray	289,631	675,277	1,057,761	15,478
Central Tigray	342,677	521,277	817,167	15,629
Eastern Tigray	134,494	153,518	291,971	7,971
Southern Tigray	253,443	381,068	518,800	19,736
Western Tigray	80,949	244,037	598,827	3,306
Afar	6,666	12,527	22,742	246
Zone 1	*	-	*	-
Zone 3	6,652	12,527	22,470	246
Amhara	3,116,745	4,325,171	9,758,530	65,212
North Gondar	499,055	1,153,840	3,011,751	13,282
South Gondar	440,668	570,889	1,368,487	6,073
North Wolo	407,316	439,961	598,512	5,372
South Wolo	370,988	305,434	652,993	6,947
North Shewa	329,406	619,706	1,147,453	9,874
East Gojam	161,389	93,325	421,544	*
West Gojam	444,722	746,241	1,527,521	15,586
Waghamera	174,346	135,349	230,987	2,709
Awii	196,292	220,567	635,966	3,116
Oromia	92,563	39,861	163,316	1,092
Oromia	2,701,188	2,004,280	11,681,772	110,275
West Wellega	146,889	201,033	781,995	2,183
East Wellega	77,091	87,036	407,277	8,888
Illubabor	122,619	146,124	749,046	2,634
Jimma	255,468	151,001	1,536,967	20,346
West Shewa	309,687	368,921	1,326,640	6,883
North Shewa	241,277	83,649	399,587	*
East Shewa	213,740	143,451	767,234	1,539
Arsi	320,396	260,630	1,169,215	8,301
West Harerghe	148,484	89,061	908,868	11,867
East Harerghe	137,970	17,060	807,484	14,604
Bale	106,594	76,813	327,001	5,058
Borena	83,338	39,714	375,070	*
South West Shewa	128,064	108,563	535,381	6,445
Guji	61,136	22,335	283,351	2,660
Kelem Wellega	62,522	68,691	463,090	*
Horoguduru Wellega	79,852	96,540	283,092	1,756
West Arsi	206,061	43,658	560,475	7,430

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	10,206	*	44,458	*
Shinele	346	283	3,191	138
Jijiga	4,028	*	8,569	-
Liben	5,832	*	32,699	*
Benshangul-Gumuz	163,791	237,372	1,085,608	4,895
Metekel	74,654	149,682	418,870	1,300
Asosa	69,026	69,210	463,844	3,298
Kemeshi	20,111	18,481	202,893	*
SNNP	1,183,338	755,929	6,549,987	63,327
Gurage	62,807	37,549	352,469	4,476
Hadiya	175,261	85,936	737,382	16,877
Kembata Tembaro	37,481	31,959	226,028	3,487
Sidama	173,704	66,147	616,145	2,514
Gedio	79,712	63,936	210,542	1,407
Wolayita	135,230	11,321	525,168	8,232
South Omo	46,502	47,145	371,622	3,603
Shaka	13,166	28,392	150,276	1,119
Kaffa	101,066	104,583	950,670	5,548
Gamo Gofa	48,571	38,345	493,069	3,229
Bench Maji	173,138	142,884	1,035,056	4,437
Yem Sp. Wereda	5,010	938	23,351	*
Amaro Sp. Wereda	4,167	3,591	43,544	*
Burji Sp. Wereda	919	1,273	19,310	68
Konso Sp. Wereda	10,058	5,720	69,508	1,548
Derashe Sp. Wereda	11,654	4,041	64,844	402
Dawro	10,450	2,526	94,669	*
Basketo Sp. Wereda	3,457	5,463	30,608	737
Konta Sp. Wereda	3,086	1,823	53,653	*
Silte	64,744	65,625	364,188	2,741
Alaba Sp. Wereda	23,156	6,730	117,886	1,703
Harari	6,538	1,283	26,173	741
Hundene	6,538	1,283	26,173	741
Addis Ababa	6,540	6,068	23,425	141
Zone 3	4,497	3,853	16,060	105
Zone 6	2,043	2,216	7,365	*
Dire Dawa	4,422	431	31,478	172

TABLE 3-21: NUMBER OF DAIRY ANIMALS, MILK PRODUCTION, AND LACTATION PERIOD BY ZONE AND REGION

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Ethiopia	6,305,944	9,096,429	1.437	6	2,629,520,528	207,996	116,865	3.403	10	114,184,892
Tigray	40,340	557,254	1.253	6	142,344,761	-	3,229	*	*	*
North West Tigray	6,126	153,746	1.429	6	44,692,684	-	*	*	*	*
Central Tigray	4,930	108,369	1.028	6	22,151,576	-	-	-	-	-
Eastern Tigray	*	56,386	1.176	5	11,832,411	-	-	-	-	-
Southern Tigray	16,625	133,314	1.21	7	33,347,109	-	-	-	*	-
Western Tigray	*	105,440	1.568	6	30,320,981	-	*	-	-	-
Afar	120,528	96,756	2.035	6	37,845,700	53,370	27,603	5.7	10	41,146,616
Zone 1	23,943	28,947	2.409	5	15,836,439	6,899	3,088	*	10	*
Zone 3	96,585	67,810	1.734	6	22,009,260	46,471	24,515	5.198	10	33,326,745
Amhara	358,450	1,831,190	1.304	6	454,044,799	-	-	*	-	-
North Gonder	51,713	365,380	1.31	6	96,496,640	-	-	-	-	-
South Gonder	48,429	208,575	1.043	6	46,203,711	-	-	-	-	-
North Wolo	24,253	160,549	1.34	5	34,477,827	-	-	-	-	-
South Wolo	62,537	248,965	2.192	6	91,650,988	-	-	-	-	-
North Shewa	25,914	169,491	1.204	6	38,286,692	-	-	-	-	-
East Gojam	44,113	200,274	1.044	7	48,491,373	-	-	*	-	-
West Gojam	58,522	243,680	0.95	7	50,462,201	-	-	-	-	-
Waghamera	13,282	47,605	1.035	5	8,982,375	-	-	-	-	-
Awı	9,683	125,275	1.069	7	26,550,967	-	-	-	-	-
Oromia	20,004	61,396	1.104	6	12,442,025	-	-	-	-	-
Oromia	3,141,683	4,291,772	1.624	6	1,405,902,494	47,930	31,551	2.629	9	21,732,449
West Wellega	133,940	172,693	1.129	7	49,974,074	-	*	-	-	-
East Wellega	113,852	200,711	*	7	*	-	-	-	-	-
Illubabor	124,079	177,995	1.106	6	40,345,740	-	-	-	-	-
Jimma	277,565	397,176	1.235	6	87,474,790	-	-	-	-	-
West Shewa	223,228	379,986	1.23	7	102,542,223	-	-	-	-	-
North Shewa	183,387	292,786	1.604	7	116,620,348	-	-	-	-	-
East Shewa	122,646	184,352	1.113	7	48,048,177	*	*	2.719	9	4,334,736
Arsi	347,026	447,758	3.112	6	220,293,733	*	*	*	*	*
West Harerghe	106,589	207,843	1.551	5	52,675,351	*	*	*	8	878,030
East Harerghe	151,253	243,939	1.692	6	72,632,706	*	*	*	*	*
Bale	328,829	294,742	1.389	6	78,902,838	*	*	2.305	8	865,970
Borena	236,783	291,659	1.08	7	73,328,835	16,907	14,980	2.64	9	11,717,409
South West Shewa	125,868	130,317	1.144	7	33,837,252	-	-	*	-	-
Guji	199,935	257,472	1.317	7	80,362,838	*	*	*	*	*
Kelem Wellega	21,904	67,774	1.371	7	19,835,148	-	-	-	-	-
Horoguduru Wellega	53,191	110,967	1.147	8	32,052,449	-	-	-	-	-
West Arsi	391,607	433,602	1.436	7	139,141,778	-	-	-	-	-

TABLE 3-21 CONT'D

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Somale	79,991	181,967	2.192	6	62,751,863	102,921	48,790	3.271	10	49,621,910
Shinele	1,208	5,337	1.595	5	1,721,625	2,193	1,551	3.113	8	1,357,126
Jijiga	53,780	107,549	2.37	5	38,448,079	*	12,335	2.759	9	*
Liben	25,003	69,081	1.68	6	22,582,160	79,866	34,904	3.56	11	38,191,034
Benshangul-Gumuz	19,347	69,038	1.255	7	19,181,120	-	-	-	-	-
Metekel	8,623	44,935	1.173	7	11,542,892	-	-	-	-	-
Asosa	2,597	13,053	1.352	6	4,135,252	-	-	-	-	-
Kemeshi	*	11,050	1.433	7	3,502,976	-	-	-	-	-
SNNP	2,522,505	2,042,608	1.214	6	496,864,520	-	-	-	-	-
Gurage	312,672	233,877	1.053	6	49,502,062	-	-	-	-	-
Hadiya	174,642	149,211	1.186	6	34,917,274	-	-	-	-	-
Kembata Tembaro	84,090	71,176	1.326	6	18,101,146	-	-	-	-	-
Sidama	548,965	417,196	1.13	7	96,617,940	-	-	-	-	-
Gedio	26,720	22,759	1.307	7	6,729,337	-	-	-	-	-
Wolayita	248,398	200,696	1.334	6	53,812,778	-	-	-	-	-
South Omo	198,761	180,202	1.36	6	45,017,567	-	-	-	-	-
Shaka	23,764	22,060	1.643	6	6,992,851	-	-	-	-	-
Kaffa	152,099	162,953	1.542	5	44,600,080	-	-	-	-	-
Gamo Gofa	260,069	207,343	1.04	6	49,098,271	-	-	-	-	-
Bench Maji	142,901	112,491	1.653	7	37,584,762	-	-	-	-	-
Yem Sp. Wereda	9,003	6,152	0.971	6	1,243,057	-	-	-	-	-
Amaro Sp. Wereda	18,238	16,663	0.994	5	2,922,069	-	-	-	-	-
Burji Sp. Wereda	4,584	6,087	0.83	5	1,036,317	-	-	-	-	-
Konso Sp. Wereda	17,786	12,725	1.029	6	2,648,706	-	-	-	-	-
Derashe Sp. Wereda	13,411	11,751	1.218	7	3,249,670	-	-	-	-	-
Dawro	102,153	63,785	1.058	6	13,359,173	-	-	-	-	-
Basketo Sp. Wereda	6,747	5,551	0.875	5	917,329	-	-	-	-	-
Konta Sp. Wereda	16,924	13,500	1.154	5	2,830,062	-	-	-	-	-
Silte	122,521	94,399	1.027	6	16,607,723	-	-	-	-	-
Alaba Sp. Wereda	38,059	32,031	1.269	6	9,076,349	-	-	-	-	-
Harari	6,866	10,719	1.954	6	4,038,947	*	*	*	*	*
Hundene	6,866	10,719	1.954	6	4,038,947	*	*	*	*	*
Addis Ababa	3,255	5,153	2.152	7	3,427,779	-	-	-	-	-
Zone 3	2,420	3,957	2.182	7	2,777,045	-	-	-	-	-
Zone 6	835	1,196	2.072	6	650,733	-	-	-	-	-
Dire Dawa	12,978	9,972	1.659	6	3,118,545	*	1,337	2.243	10	817,029

TABLE 3-22: TOTAL EGG PRODUCTION BY ZONE, AND REGION

a. Indigenous Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	10,451,793	4	20	12	60,856,546
Tigray	785,772	5	20	13	5,639,700
North West Tigray	159,382	3	18	12	742,774
Central Tigray	217,833	5	21	13	1,658,018
Eastern Tigray	149,588	8	22	13	1,468,817
Southern Tigray	176,006	5	21	14	1,390,729
Western Tigray	82,964	3	18	11	379,361
Afar	11,361	5	19	11	60,950
Zone 1	325	7	20	13	3,331
Zone 3	11,036	5	19	11	57,619
Amhara	3,134,829	4	21	12	18,462,753
North Gonder	542,660	3	18	11	2,211,802
South Gonder	369,977	4	20	12	1,720,016
North Wolo	290,201	5	22	11	1,941,347
South Wolo	537,829	5	24	12	3,928,660
North Shewa	457,170	5	20	11	3,079,638
East Gojam	251,934	5	23	14	1,962,084
West Gojam	397,309	4	21	13	2,000,744
Waghamera	72,120	5	21	11	434,950
Awi	163,050	4	21	13	853,528
Oromia	52,580	4	22	12	329,983
Oromia	4,191,987	4	20	12	25,703,814
West Wellega	233,823	3	18	11	928,642
East Wellega	175,394	3	19	11	662,786
Illubabor	236,122	3	18	10	910,226
Jimma	501,770	3	19	10	1,806,695
West Shewa	363,968	5	22	12	2,726,936
North Shewa	210,413	6	24	13	1,803,193
East Shewa	276,960	6	23	14	2,629,528
Arsi	403,593	6	22	13	3,251,981
West Harerghe	297,667	4	18	11	1,592,874
East Harerghe	410,938	5	20	11	2,287,548
Bale	175,905	6	22	13	1,452,052
Borena	129,116	4	18	12	693,520
South West Shewa	183,002	6	22	13	1,599,126
Guji	176,928	4	18	13	1,134,891
Kelem Wellega	128,500	3	19	11	433,357
Horoguduru Wellega	78,512	3	22	12	391,433
West Arsi	209,374	5	22	13	1,399,024

TABLE 3-22 – a CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	45,795	5	20	13	346,717
Shinele	1,657	5	20	12	12,538
Jijiga	23,619	7	21	14	223,425
Liben	20,519	4	20	13	110,754
Benshangul-Gumuz	159,139	3	18	11	686,530
Metekel	60,054	3	18	12	261,203
Asosa	69,437	3	18	11	312,195
Kemeshi	29,648	3	17	10	113,132
SNNP	2,076,473	4	18	11	9,639,098
Gurage	190,961	4	20	11	1,046,100
Hadiya	164,990	3	18	11	731,242
Kembata Tembaro	79,717	4	17	11	353,777
Sidama	336,374	4	18	11	1,645,025
Gedio	69,695	3	19	11	353,354
Wolayita	170,326	3	18	12	793,120
South Omo	110,011	4	20	11	490,072
Shaka	34,314	3	18	11	154,481
Kaffa	182,428	3	17	10	693,427
Gamo Gofa	175,236	4	18	10	702,195
Bench Maji	161,677	4	19	12	875,179
Yem Sp. Wereda	13,757	4	20	11	78,285
Amaro Sp. Wereda	18,124	3	21	12	81,051
Burji Sp. Wereda	7,791	4	20	11	42,001
Konso Sp. Wereda	34,257	4	18	10	150,494
Derashe Sp. Wereda	34,726	4	20	11	163,973
Dawro	57,121	4	16	9	211,572
Basketo Sp. Wereda	10,083	4	21	11	46,998
Konta Sp. Wereda	15,801	3	17	10	55,211
Silte	175,340	4	20	11	832,584
Alaba Sp. Wereda	33,746	3	20	11	138,958
Harari	11,357	4	19	11	52,296
Hundene	11,357	4	19	11	52,296
Addis Ababa	10,703	7	24	14	122,073
Zone 3	7,327	7	25	14	81,719
Zone 6	3,376	9	23	13	40,353
Dire Dawa	24,378	5	19	11	142,615

b. Hybrid

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	543,957	6	46	41	7,921,587
Tigray	122,086	6	52	47	1,702,626
North West Tigray	12,231	4	20	17	124,524
Central Tigray	47,775	8	29	25	710,258
Eastern Tigray	33,638	5	58	50	404,047
Southern Tigray	26,905	4	108	104	451,400
Western Tigray	1,537	3	19	13	12,397
Afar	-	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	-	*	*	*	*
Amhara	137,257	5	35	30	1,709,073
North Gonder	20,567	5	22	19	218,636
South Gonder	18,332	6	24	21	175,902
North Wolo	5,092	5	45	*	66,149
South Wolo	12,164	5	42	49	167,639
North Shewa	26,526	6	26	20	344,381
East Gojam	20,874	6	49	41	396,434
West Gojam	19,440	3	42	38	159,514
Waghamera	2,488	5	26	19	21,974
Awi	11,030	6	36	32	150,102
Oromia	745	5	40	*	8,342
Oromia	254,789	6	50	44	4,008,928
West Wellega	2,504	5	24	20	27,614
East Wellega	4,240	4	24	23	36,037
Illubabor	6,816	4	41	39	82,436
Jimma	11,239	5	38	32	*
West Shewa	30,565	7	67	57	451,360
North Shewa	16,730	6	49	38	303,076
East Shewa	45,620	7	32	28	846,589
Arsi	47,423	5	*	*	710,239
West Harerghe	7,689	7	21	17	109,381
East Harerghe	18,218	5	25	20	175,277
Bale	20,480	5	50	41	256,004
Borena	1,512	4	26	25	16,175
South West Shewa	18,592	6	51	46	346,600
Guji	*	*	*	*	*
Kelem Wellega	*	4	24	20	*
Horoguduru Wellega	*	*	28	19	*
West Arsi	19,068	4	57	53	255,225

TABLE 3-22 - b CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	1,657	4	22	17	8,857
Metekel	1,059	4	21	16	6,607
Asosa	*	*	*	*	*
Kemeshi	*	*	*	*	*
SNNP	25,746	5	46	43	379,946
Gurage	2,138	*	*	*	*
Hadiya	*	*	*	*	*
Kembata Tembaro	3,696	4	38	36	46,349
Sidama	*	5	21	21	*
Gedio	*	*	*	*	*
Wolayita	2,647	5	22	18	18,966
South Omo	*	4	27	27	*
Shaka	*	*	*	21	*
Kaffa	2,710	8	*	*	*
Gamo Gofa	*	3	*	*	*
Bench Maji	1,759	*	22	20	*
Yem Sp. Wereda	*	*	*	*	*
Amaro Sp. Wereda	*	*	*	*	*
Burji Sp. Wereda	*	*	25	25	*
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	*	4	16	12	*
Dawro	*	-	-	-	-
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	*	*	*	*	*
Silte	1,508	6	25	22	13,594
Alaba Sp. Wereda	1,632	3	29	22	10,472
Harari	313	5	23	17	3,173
Hundene	313	5	23	17	3,173
Addis Ababa	957	*	77	*	*
Zone 3	474	7	*	*	*
Zone 6	482	*	32	20	*
Dire Dawa	1,153	7	23	18	13,840

c. Exotic Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	141,338	1	141	148	12,475,624
Tigray	46,528	*	183	197	*
North West Tigray	2,573	1	27	32	75,834
Central Tigray	15,570	*	122	119	*
Eastern Tigray	14,008	1	190	255	305,075
Southern Tigray	14,229	1	268	265	409,391
Western Tigray	*	*	*	*	*
Afar	*	*	*	*	*
Zone 1	*	*	*	*	*
Zone 3	-	-	-	-	-
Amhara	30,811	1	126	124	695,302
North Gonder	*	-	*	-	-
South Gonder	2,633	*	*	*	*
North Wolo	*	*	*	*	*
South Wolo	*	*	*	*	*
North Shewa	3,164	*	155	155	80,985
East Gojam	*	*	*	*	*
West Gojam	*	*	*	*	*
Waghamera	-	*	*	*	*
Awi	*	*	187	187	*
Oromia	*	*	*	*	*
Oromia	56,222	1	127	134	*
West Wellega	*	*	*	*	*
East Wellega	*	*	*	*	*
Illubabor	3,790	*	212	183	*
Jimma	*	*	28	27	*
West Shewa	*	1	181	*	*
North Shewa	10,374	*	142	144	*
East Shewa	*	*	124	121	138,026
Arsi	5,849	*	*	*	76,825
West Harerghe	3,321	1	25	25	*
East Harerghe	7,991	*	75	72	*
Bale	2,182	1	330	330	67,484
Borena	*	*	*	*	*
South West Shewa	*	1	198	203	95,001
Guji	*	-	-	-	-
Kelem Wellega	387	*	*	*	*
Horoguduru Wellega	*	*	*	*	*
West Arsi	2,715	*	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	*
Metekel	*	*	*	*	*
Asosa	-	*	*	*	*
Kemeshi	-	-	-	-	-
SNNP	7,068	1	102	107	310,829
Gurage	*	*	*	*	23,814
Hadiya	-	-	-	-	-
Kembata Tembaro	*	*	*	*	*
Sidama	-	-	-	-	-
Gedio	*	*	*	*	*
Wolayita	*	*	*	*	*
South Omo	*	*	*	*	*
Shaka	*	-	-	-	-
Kaffa	1,446	*	*	*	*
Gamo Gofa	*	*	*	*	*
Bench Maji	-	*	-	-	-
Yem Sp. Wereda	-	*	*	*	*
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	*	*	*	*	*
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	-	*	*	*	*
Dawro	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	*	*	*	*
Silte	*	*	*	*	*
Alaba Sp. Wereda	*	*	*	*	*
Harari	*	*	*	*	*
Hundene	*	*	*	*	*
Addis Ababa	296	1	170	150	*
Zone 3	*	1	216	190	*
Zone 6	*	*	*	*	*
Dire Dawa	*	*	*	*	*

TABLE 3-23: ESTIMATED NUMBER OF VACCINATED LIVESTOCK BY ZONE AND REGION
a. Cattle

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	10,957,338	4,162,767	2,999,105	1,178,769	1,597,367	272,186	747,145
Tigray	1,402,074	501,700	388,801	165,557	226,257	24,646	95,113
North West Tigray	194,833	*	59,858	44,956	20,709	*	16,591
Central Tigray	327,428	168,012	80,567	19,497	51,163	*	*
Eastern Tigray	247,433	84,917	87,104	*	23,090	-	47,743
Southern Tigray	539,108	173,015	136,262	94,118	106,510	*	*
Western Tigray	93,273	33,999	25,009	2,406	24,785	*	*
Afar	33,333	5,841	2,395	*	*	*	*
Zone 1	7,229	*	*	3,244	*	-	*
Zone 3	26,103	*	*	*	*	*	*
Amhara	1,936,811	872,036	416,320	224,741	145,582	*	258,221
North Gonder	409,980	174,766	*	*	*	*	*
South Gonder	163,487	75,589	*	13,632	-	*	41,155
North Wolo	101,795	33,777	*	*	22,985	-	34,618
South Wolo	273,008	131,896	59,665	5,586	*	*	*
North Shewa	148,476	57,826	64,197	*	*	-	*
East Gojam	279,026	143,644	78,462	*	*	*	*
West Gojam	361,917	155,889	81,657	81,292	-	-	*
Waghamera	*	*	-	*	*	-	*
Awi	105,449	47,542	16,014	*	-	-	*
Oromia	89,705	50,809	17,790	*	*	-	*
Oromia	5,694,413	2,000,357	1,540,599	590,326	1,058,033	182,023	323,075
West Wellega	316,157	*	*	*	84,277	*	107,437
East Wellega	212,868	*	55,472	*	83,026	*	*
Illubabor	165,881	*	*	*	57,916	*	*
Jimma	322,613	*	*	*	184,559	*	*
West Shewa	518,394	153,381	116,622	*	139,550	*	*
North Shewa	260,215	112,723	99,538	*	29,870	*	*
East Shewa	388,302	245,289	95,676	*	*	*	*
Arsi	923,861	494,765	169,004	*	*	*	22,240
West Harerghe	445,930	218,221	104,515	*	94,422	*	*
East Harerghe	199,053	64,879	70,588	*	*	*	*
Bale	411,864	197,744	158,832	*	*	-	*
Borena	338,364	*	*	201,705	60,489	*	7,854
South West Shewa	288,356	144,562	101,191	*	*	*	*
Guji	339,328	*	217,093	*	-	-	*
Kelem Wellega	97,762	36,624	*	29,457	*	*	8,025
Horoguduru Wellega	64,908	7,469	*	4,367	25,930	*	*
West Arsi	400,555	131,690	180,534	*	44,701	-	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	32,002	*	*	*	228	-	*
Shinele	2,538	1,273	1,037	-	228	-	-
Jijiga	*	-	*	-	-	-	-
Liben	29,289	*	*	*	-	-	*
Benshangul-Gumuz	46,851	9,016	*	27,368	1,567	*	5,924
Metekel	14,335	*		*	*	*	*
Asosa	17,722	*	*	15,167	*	-	*
Kemeshi	14,794	*	*	*	*	*	*
SNNP	1,780,697	745,921	635,415	140,413	157,906	44,068	56,974
Gurage	220,217	91,419	71,187	*	*	*	*
Hadiya	68,517	*	*	*	-	*	-
Kembata Tembaro	80,973	52,422	20,272	*	*	*	-
Sidama	157,745	55,919	64,951	*	*	-	*
Gedio	17,683	*	*	*	-	-	*
Wolayita	187,453	91,786	50,324	20,859	*	*	*
South Omo	178,687	*	*	*	-	-	*
Shaka	45,875	20,396	13,433	*	*	-	*
Kaffa	127,689	43,841	50,969	*	24,781	-	*
Gamo Gofa	210,295	80,992	83,204	30,559	*	-	-
Bench Maji	217,872	*	123,496	-	58,616	-	*
Yem Sp. Wereda	8,931	*	*	3,523	*	-	1,608
Amaro Sp. Wereda	10,831	*	7,950	*	-	-	*
Burji Sp. Wereda	17,325	*	5,732	2,629	-	*	7,677
Konso Sp. Wereda	*	*	*	*	-	-	-
Derashe Sp. Wereda	19,374	874	15,878	*	*	*	*
Dawro	43,556	30,683	2,753	*	*	*	-
Basketo Sp. Wereda	11,339	5,509	5,252	280	-	*	*
Konta Sp. Wereda	16,228	5,425	3,075	*	5,741	-	1,180
Silte	81,339	59,311	*	-	-	-	*
Alaba Sp. Wereda	33,341	29,216	*	*	-	-	-
Harari	*	*	*	*	*	-	*
Hundene	*	*	*	*	*	-	*
Addis Ababa	11,760	5,273	4,761	547	*	*	824
Zone 3	10,615	4,636	4,253	547	*	*	824
Zone 6	1,145	*	*	-	-	-	-
Dire Dawa	17,071	7,431	3,820	-	5,632	*	-

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	2,385,750	363,771	165,957	542,486	444,950	50,007	818,579
Tigray	338,112	91,782	12,300	68,106	87,693	*	59,798
North West Tigray	25,435	-	*	*	*	*	*
Central Tigray	69,462	*	*	23,908	27,676	*	*
Eastern Tigray	119,282	48,522	*	*	31,868	*	*
Southern Tigray	114,927	*	*	16,269	*	*	36,632
Western Tigray	*	*	*	*	*	-	*
Afar	*	*	-	*	*	-	*
Zone 1	*	-	-	*	-	-	-
Zone 3	*	*	-	*	*	-	*
Amhara	1,048,291	164,223	54,544	159,133	136,224	*	530,017
North Gonder	34,769	15,975	*	*	-	*	*
South Gonder	77,961	*	*	*	-	*	*
North Wolo	56,972	*	-	*	*	-	*
South Wolo	249,721	*	*	*	*	-	160,125
North Shewa	131,784	*	*	*	*	-	*
East Gojam	364,990	57,980	*	*	*	*	203,544
West Gojam	90,284	39,069	*	*	*	-	45,137
Waghamera	7,459	-	*	-	-	-	*
Awi	31,765	5,073	-	*	-	-	*
Oromia	2,586	-	*	*	-	-	*
Oromia	820,876	84,770	84,054	255,495	189,495	23,586	183,475
West Wellega	9,000	-	-	*	*	*	*
East Wellega	*	*	*	*	*	*	*
Illubabor	*	-	*	-	-	-	*
Jimma	*	*	*	*	-	-	*
West Shewa	158,787	*	*	*	*	*	*
North Shewa	138,533	*	*	*	*	*	65,420
East Shewa	91,960	*	*	*	*	*	*
Arsi	136,099	13,909	*	*	*	*	*
West Harerghe	30,795	*	*	*	18,499	*	*
East Harerghe	*	*	*	*	*	-	*
Bale	*	*	*	*	*	-	*
Borena	32,412	*	-	*	*	-	*
South West Shewa	20,326	*	*	*	*	-	*
Guji	*	-	*	*	-	-	-
Kelem Wellega	*	-	-	-	-	*	*
Horoguduru Wellega	13,653	*	*	*	*	877	4,235
West Arsi	36,364	*	5,853	*	*	-	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	30,920	394	*	*	1,625	-	*
Shinele	2,019	394	-	-	1,625	-	-
Jijiga	-	-	-	-	-	-	-
Liben	28,901	-	*	*	-	-	*
Benshangul-Gumuz	1,812	*	-	596	*	*	*
Metekel	329	*	-	*	-	-	*
Asosa	*	-	-	428	-	*	-
Kemeshi	*	*	-	*	*	-	*
SNNP	116,562	16,861	12,213	23,808	16,102	*	44,142
Gurage	*	*	*	*	*	*	*
Hadiya	*	*	-	*	-	*	*
Kembata Tembaro	12,286	4,525	*	*	*	-	*
Sidama	*	-	-	-	*	-	-
Gedio	*	-	*	*	-	-	*
Wolayita	6,495	2,957	*	2,648	-	-	-
South Omo	*	-	-	*	-	-	-
Shaka	*	*	*	*	*	-	-
Kaffa	*	-	*	*	-	-	*
Gamo Gofa	*	-	-	-	*	-	-
Bench Maji	10,730	*	*	-	*	-	*
Yem Sp. Wereda	704	*	-	403	*	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	*	-	-	*	-	-	*
Konso Sp. Wereda	1,312	*	-	*	*	-	-
Derashe Sp. Wereda	*	-	-	*	-	-	-
Dawro	*	-	-	-	*	-	-
Basketo Sp. Wereda	*	*	-	*	-	-	*
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	17,568	*	-	-	*	-	*
Alaba Sp. Wereda	5,130	*	-	-	-	-	*
Harari	*	*	-	-	-	-	-
Hundene	*	*	-	-	-	-	-
Addis Ababa	*	-	*	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Zone 6	*	-	*	-	-	-	-
Dire Dawa	19,572	4,819	*	-	13,553	-	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	2,381,071	399,182	259,246	780,979	459,541	60,281	421,842
Tigray	1,034,908	158,396	*	236,121	306,245	29,868	188,965
North West Tigray	277,840	*	*	39,413	90,544	*	94,892
Central Tigray	434,279	68,018	*	156,190	101,777	*	*
Eastern Tigray	125,129	36,798	*	*	48,454	*	*
Southern Tigray	157,542	35,527	*	24,572	41,954	*	48,296
Western Tigray	40,119	*	*	*	*	-	*
Afar	*	*	-	*	*	-	*
Zone 1	2,554	-	-	2,554	-	-	-
Zone 3	*	*	-	*	*	-	*
Amhara	313,531	38,691	32,522	106,854	17,214	*	111,072
North Gonder	*	*	*	*	-	*	*
South Gonder	*	*	*	*	-	*	*
North Wolo	*	*	-	*	*	-	*
South Wolo	52,581	*	*	*	*	-	41,830
North Shewa	60,580	*	*	*	*	-	*
East Gojam	25,585	*	*	*	*	-	*
West Gojam	*	*	-	*	-	-	*
Waghamera	42,560	-	*	*	-	-	20,140
Awi	*	-	-	*	-	-	*
Oromia	9,467	*	*	*	-	-	*
Oromia	737,971	165,432	100,515	256,515	94,734	*	103,795
West Wellega	-	-	-	-	-	-	-
East Wellega	*	-	-	-	*	*	*
Illubabor	*	-	-	*	-	-	*
Jimma	*	-	-	*	-	-	*
West Shewa	*	-	-	-	*	-	*
North Shewa	*	-	*	*	*	-	*
East Shewa	136,199	11,193	*	*	*	*	*
Arsi	60,596	*	*	*	*	-	5,949
West Harerghe	149,050	54,805	*	*	38,678	*	*
East Harerghe	70,335	*	*	*	*	*	*
Bale	*	*	-	*	*	-	*
Borena	62,802	*	*	32,982	*	-	*
South West Shewa	*	*	*	-	*	-	*
Guji	*	-	*	*	-	-	*
Kelem Wellega	-	-	-	-	-	-	-
Horoguduru Wellega	*	*	*	*	*	-	*
West Arsi	*	*	*	*	*	-	6,549

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	*	1,284	*	*	5,639	-	*
Shinele	6,922	1,284	-	-	5,639	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	-	*	*	-	-	*
Benshangul-Gumuz	18,448	*	*	*	-	*	*
Metekel	*	*	-	*	-	-	-
Asosa	14,095	-	*	*	-	*	-
Kemeshi	*	*	-	*	-	*	*
SNNP	82,645	17,595	*	37,035	*	*	16,408
Gurage	*	*	*	*	*	*	*
Hadiya	*	-	-	*	-	-	*
Kembata Tembaro	*	*	*	-	-	-	-
Sidama	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-
Wolayita	*	*	-	*	-	-	-
South Omo	*	-	-	*	-	-	-
Shaka	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-
Gamo Gofa	*	-	-	*	-	-	-
Bench Maji	*	-	-	-	-	-	*
Yem Sp. Wereda	*	*	-	*	*	-	-
Amaro Sp. Wereda	*	-	*	*	-	-	-
Burji Sp. Wereda	3,424	-	-	2,184	-	*	1,163
Konso Sp. Wereda	4,931	*	-	4,556	-	-	-
Derashe Sp. Wereda	5,868	-	-	5,538	*	*	-
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	*	-	-	*	-	-	-
Konta Sp. Wereda	*	*	*	-	-	-	-
Silte	7,653	*	-	-	-	-	*
Alaba Sp. Wereda	*	*	-	-	-	-	*
Harari	*	*	-	-	-	-	*
Hundene	*	*	-	-	-	-	*
Addis Ababa	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-
Dire Dawa	46,040	11,561	2,583	-	31,660	*	-

d. Horses, Donkeys and Mules

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	482,499	177,729	56,160	52,078	22,254	3,277	171,002
Tigray	47,469	15,766	8,648	6,330	2,888	-	13,837
North West Tigray	3,556	-	*	1,694	*	-	*
Central Tigray	20,012	8,261	*	*	*	-	*
Eastern Tigray	14,933	*	*	*	-	-	9,954
Southern Tigray	8,206	*	*	*	*	-	*
Western Tigray	*	-	-	*	*	-	*
Afar	*	-	-	*	-	-	*
Zone 1	*	-	-	-	-	-	*
Zone 3	*	-	-	*	-	-	-
Amhara	110,259	62,541	5,981	12,179	*	*	27,965
North Gonder	*	*	*	-	-	*	*
South Gonder	4,172	*	-	*	-	-	*
North Wolo	*	-	-	*	*	-	*
South Wolo	18,555	*	*	*	-	-	6,785
North Shewa	*	*	*	*	-	-	*
East Gojam	35,903	25,000	*	*	-	*	*
West Gojam	14,961	7,858	*	*	-	-	*
Waghamera	*	*	-	-	-	-	*
Awi	7,510	*	*	*	-	-	*
Oromia	*	*	*	-	-	-	-
Oromia	284,057	85,700	33,687	29,756	13,677	1,419	119,817
West Wellega	5,492	-	-	*	*	-	*
East Wellega	6,689	*	*	*	-	-	*
Illubabor	*	-	-	*	-	*	*
Jimma	5,170	-	-	*	*	-	-
West Shewa	57,262	*	-	*	*	-	52,613
North Shewa	*	*	*	*	*	-	*
East Shewa	12,026	6,097	*	*	-	-	*
Arsi	54,662	17,813	*	*	-	-	31,119
West Harerghe	29,218	15,884	*	-	*	-	*
East Harerghe	*	*	*	*	-	*	-
Bale	24,390	10,225	*	*	*	-	*
Borena	*	-	-	*	*	*	-
South West Shewa	17,547	9,892	*	*	*	-	*
Guji	*	-	-	*	-	-	*
Kelem Wellega	1,332	-	-	*	*	*	573
Horoguduru Wellega	18,790	899	*	*	*	*	10,186
West Arsi	22,855	*	*	*	*	-	*

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	1,344	-	*	*	*	-	*
Shinele	*	-	-	-	*	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	-	*	*	*	-	*
Benshangul-Gumuz	1,245	*	-	562	*	-	*
Metekel	*	-	-	*	-	-	*
Asosa	*	-	-	*	-	-	*
Kemeshi	*	*	-	*	*	-	*
SNNP	37,937	13,666	7,493	3,081	*	*	8,450
Gurage	*	*	*	*	*	*	2,077
Hadiya	*	*	-	*	-	-	*
Kembata Tembaro	4,394	3,206	*	*	-	*	*
Sidama	*	-	*	-	-	-	-
Gedio	*	-	*	-	-	-	*
Wolayita	*	*	*	-	-	-	-
South Omo	*	-	-	-	-	-	*
Shaka	*	-	*	-	-	-	-
Kaffa	7,362	*	*	-	*	-	*
Gamo Gofa	*	-	-	*	-	-	*
Bench Maji	*	*	*	-	-	-	*
Yem Sp. Wereda	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	*	*	*	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	-	-	-	-
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	*	*	*	-	-	-	-
Konta Sp. Wereda	182	*	*	-	*	-	*
Silte	3,982	2,909	*	*	-	-	*
Alaba Sp. Wereda	*	*	-	-	-	-	*
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Addis Ababa	*	-	*	-	-	-	-
Zone 3	*	-	*	-	-	-	-
Zone 6	*	-	*	-	-	-	-
Dire Dawa	*	*	-	-	-	-	-

e. Camels

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	26,871	5,254	*	14,582	*	*	*
Tigray	1,646	*	-	*	-	*	-
North West Tigray	*	-	-	*	-	-	-
Central Tigray	1,416	*	-	-	-	*	-
Eastern Tigray	-	-	-	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-
Western Tigray	-	-	-	-	-	-	-
Afar	*	*	-	*	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	*	-	-	-
Amhara	*	*	*	*	-	-	*
North Gonder	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-
North Wolo	*	-	-	*	-	-	-
South Wolo	*	-	-	*	-	-	-
North Shewa	*	*	-	*	-	-	*
East Gojam	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-
Oromia	*	*	*	-	-	-	-
Oromia	3,681	*	*	*	*	-	*
West Wellega	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-
Illubabor	*	-	-	-	*	-	-
Jimma	-	-	-	-	-	-	-
West Shewa	*	-	-	-	-	-	*
North Shewa	-	-	-	-	-	-	-
East Shewa	*	-	-	*	-	-	-
Arsi	-	-	-	-	-	-	-
West Harerghe	-	-	-	-	-	-	-
East Harerghe	*	*	*	-	-	-	-
Bale	*	*	-	-	*	-	-
Borena	*	*	-	-	*	-	-
South West Shewa	-	-	-	-	-	-	-
Guji	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-

TABLE 3-23 – e CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	*	*	*	*	*	-	*
Shinele	*	*	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	-	*	*	*	-	*
Benshangul-Gumuz	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Addis Ababa	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-
Dire Dawa	*	*	-	-	*	-	-

f. Poultry

Geographic Area	Total Vaccinated
Ethiopia	110,321
Tigray	*
North West Tigray	-
Central Tigray	*
Eastern Tigray	*
Southern Tigray	*
Western Tigray	*
Afar	*
Zone 1	-
Zone 3	*
Amhara	51,387
North Gonder	*
South Gonder	-
North Wolo	-
South Wolo	-
North Shewa	*
East Gojam	*
West Gojam	*
Waghamera	-
Awi	*
Oromia	-
Oromia	29,716
West Wellega	-
East Wellega	-
Illubabor	-
Jimma	-
West Shewa	*
North Shewa	-
East Shewa	*
Arsi	*
West Harerghe	-
East Harerghe	*
Bale	-
Borena	*
South West Shewa	*
Guji	*
Kelem Wellega	-
Horoguduru Wellega	*
West Arsi	-

TABLE 3-23 – f CONT'D

Geographic Area	Total Vaccinated
Somale	-
Shinele	-
Jijiga	-
Liben	-
Benshangul-Gumuz	*
Metekel	-
Asosa	*
Kemeshi	*
SNNP	7,348
Gurage	*
Hadiya	*
Kembata Tembaro	-
Sidama	-
Gedio	-
Wolayita	*
South Omo	-
Shaka	*
Kaffa	-
Gamo Gofa	-
Bench Maji	*
Yem Sp. Wereda	*
Amaro Sp. Wereda	-
Burji Sp. Wereda	-
Konso Sp. Wereda	-
Derashe Sp. Wereda	-
Dawro	-
Basketo Sp. Wereda	*
Konta Sp. Wereda	-
Silte	-
Alaba Sp. Wereda	-
Harari	-
Hundene	-
Addis Ababa	-
Zone 3	-
Zone 6	-
Dire Dawa	-

TABLE 3-24: ESTIMATED NUMBER OF LIVESTOCK AFFLICTED/DISEASED BY ZONE AND REGION

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	5,625,162	4,721,838	3,819,255	631,256	75,709	14,972,236
Tigray	229,370	113,848	619,326	21,586	3,398	1,535,300
North West Tigray	85,571	*	269,276	5,178	*	545,321
Central Tigray	43,724	44,082	192,587	6,782	1,583	376,387
Eastern Tigray	15,371	33,551	21,578	2,048	-	73,437
Southern Tigray	40,794	22,628	76,107	4,754	*	125,913
Western Tigray	43,909	*	59,778	2,823	*	414,243
Afar	51,542	34,159	79,667	501	18,611	13,597
Zone 1	15,829	9,499	16,153	*	391	*
Zone 3	35,714	24,660	63,514	482	18,220	13,466
Amhara	1,032,119	1,594,625	1,081,751	141,456	*	4,967,630
North Gondar	197,534	178,847	307,609	28,527	-	2,120,280
South Gondar	112,744	145,909	93,666	10,666	-	522,150
North Wolo	65,532	162,577	97,590	10,525	1,642	176,814
South Wolo	86,508	209,526	102,534	7,655	*	184,868
North Shewa	92,826	335,726	189,835	17,991	*	633,466
East Gojam	92,134	291,815	39,062	24,273	-	153,501
West Gojam	204,981	154,204	48,469	13,722	-	672,909
Waghamera	25,943	19,754	143,101	7,138	-	52,957
Awi	113,232	87,766	33,417	17,593	-	415,790
Oromia	40,686	*	26,467	3,365	877	34,896
Oromia	2,817,045	2,190,241	1,309,617	373,601	24,588	5,223,490
West Wellega	249,229	61,853	17,811	13,422	-	346,015
East Wellega	239,397	46,436	22,334	21,144	-	139,674
Illubabor	239,058	100,569	54,209	10,863	-	358,808
Jimma	315,098	166,107	61,087	23,236	-	589,264
West Shewa	220,106	335,985	99,781	45,984	-	970,264
North Shewa	102,672	309,287	15,523	25,414	-	350,816
East Shewa	93,947	98,105	101,863	18,943	*	449,333
Arsi	161,234	315,728	108,675	39,176	*	617,401
West Harerghe	78,963	27,738	117,404	13,925	*	93,503
East Harerghe	119,187	42,083	115,187	9,165	*	92,827
Bale	126,141	155,468	132,254	31,168	*	99,117
Borena	201,977	117,220	266,558	8,820	*	167,031
South West Shewa	126,595	62,740	48,984	16,220	-	346,883
Guji	97,142	33,563	57,513	16,861	*	99,340
Kelem Wellega	149,128	49,937	11,422	14,622	-	190,379
Horoguduru Wellega	136,260	63,248	16,377	19,839	-	136,413
West Arsi	160,913	204,173	62,635	44,797	-	176,423

Note: Draught animals in this table refer to Horses, Donkeys, and Mules.

TABLE 3-24 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	58,903	75,721	133,308	4,089	17,972	13,517
Shinele	3,142	10,356	20,488	348	718	857
Jijiga	40,055	50,023	61,143	*	*	*
Liben	15,706	15,342	51,677	*	8,272	8,468
Benshangul-Gumuz	143,107	35,534	201,939	12,804	-	720,563
Metekel	72,346	17,374	53,751	4,983	-	218,382
Asosa	50,955	11,322	119,464	6,106	-	381,748
Kemeshi	19,806	6,838	28,724	1,715	-	120,433
SNNP	1,279,358	664,293	370,048	75,664	-	2,467,460
Gurage	72,857	33,592	7,816	7,088	-	93,025
Hadiya	62,930	38,343	18,193	8,478	-	370,230
Kembata Tembaro	30,268	20,001	5,138	3,132	-	66,754
Sidama	154,528	53,979	23,111	6,008	-	219,906
Gedio	10,206	24,058	1,427	5,279	-	88,037
Wolayita	203,302	22,060	16,217	4,408	-	146,135
South Omo	103,923	73,409	137,696	2,258	-	222,780
Shaka	16,416	14,046	955	804	-	94,957
Kaffa	89,601	98,977	17,855	9,069	-	299,911
Gamo Gofa	212,997	121,985	35,270	8,577	-	189,045
Bench Maji	76,550	53,876	*	6,674	-	325,973
Yem Sp. Wereda	6,448	4,638	2,999	*	-	14,241
Amaro Sp. Wereda	19,561	9,809	16,279	616	-	17,249
Burji Sp. Wereda	16,187	786	11,216	729	-	10,856
Konso Sp. Wereda	26,854	14,116	24,244	841	-	39,589
Derashe Sp. Wereda	21,146	3,018	9,949	1,496	-	35,097
Dawro	85,464	24,284	6,064	4,229	-	48,360
Basketo Sp. Wereda	5,563	4,331	440	305	-	11,276
Konta Sp. Wereda	20,341	3,802	1,890	553	-	21,604
Silte	30,118	35,342	13,672	3,803	-	97,929
Alaba Sp. Wereda	14,095	9,840	7,735	1,219	-	54,504
Harari	6,665	452	4,072	607	*	3,374
Hundene	6,665	452	4,072	607	*	3,374
Addis Ababa	2,664	2,953	714	483	-	20,280
Zone 3	1,887	1,795	587	239	-	13,664
Zone 6	777	1,158	*	244	-	6,616
Dire Dawa	4,387	10,012	18,814	465	431	7,025

TABLE 3-25: ESTIMATED NUMBER OF LIVESTOCK TREATED BY ZONE AND REGION

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	2,447,480	984,858	635,289	218,020	28,174	432,491
Tigray	80,840	27,541	170,738	5,153	2,090	47,794
North West Tigray	33,487	*	65,104	1,481	*	30,273
Central Tigray	16,466	5,675	61,833	1,580	1,583	*
Eastern Tigray	5,918	9,024	*	*	-	4,224
Southern Tigray	19,861	10,221	*	1,764	*	4,432
Western Tigray	5,108	*	10,009	*	*	*
Afar	19,138	10,625	28,127	*	*	*
Zone 1	2,541	1,418	2,688	-	105	-
Zone 3	*	*	25,440	*	*	*
Amhara	426,550	354,398	138,179	34,781	*	100,675
North Gonder	73,907	34,450	28,199	3,871	-	*
South Gonder	52,868	30,327	15,200	2,980	-	*
North Wolo	19,268	40,649	19,768	994	*	*
South Wolo	29,761	43,305	*	*	*	*
North Shewa	25,176	60,883	*	*	*	20,032
East Gojam	32,219	78,627	*	6,756	-	*
West Gojam	111,934	27,660	*	4,731	-	*
Waghamera	3,816	*	25,599	745	-	*
Awi	64,071	36,760	2,444	7,681	-	24,292
Oromia	13,530	*	*	*	516	*
Oromia	1,329,432	516,816	216,965	150,033	3,014	243,268
West Wellega	181,105	34,319	*	10,164	-	11,033
East Wellega	162,708	23,283	4,412	11,919	-	27,787
Illubabor	165,895	23,426	13,443	6,835	-	8,337
Jimma	103,766	*	*	5,273	-	*
West Shewa	65,794	63,926	3,226	14,520	-	35,027
North Shewa	21,987	55,780	*	3,644	-	19,232
East Shewa	43,981	15,407	21,836	5,056	*	13,456
Arsi	42,014	69,869	26,790	13,357	-	54,117
West Harerghe	13,248	9,816	19,991	2,535	-	*
East Harerghe	40,878	6,677	21,428	3,931	*	*
Bale	44,331	34,971	14,780	13,443	*	*
Borena	50,542	*	34,820	*	*	*
South West Shewa	58,442	10,476	*	7,220	-	11,812
Guji	21,044	*	*	3,910	-	*
Kelem Wellega	126,159	37,100	8,106	11,667	-	18,427
Horoguduru Wellega	107,477	35,350	6,273	13,793	-	22,420
West Arsi	80,060	56,435	22,923	21,601	-	*

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	*	*	7,072	*	*	*
Shinele	297	554	2,336	*	*	-
Jijiga	*	-	*	-	*	*
Liben	*	*	*	*	*	*
Benshangul-Gumuz	87,806	11,136	25,736	3,510	-	7,639
Metekel	32,013	4,652	2,061	981	-	*
Asosa	43,809	5,776	17,773	1,449	-	*
Kemeshi	11,984	708	5,903	1,081	-	*
SNNP	493,408	57,516	44,483	23,732	-	30,656
Gurage	38,247	*	*	2,280	-	*
Hadiya	11,513	*	-	*	-	*
Kembata Tembaro	8,554	1,319	*	893	-	*
Sidama	37,307	*	*	*	-	*
Gedio	3,050	6,019	-	1,010	-	*
Wolayita	139,942	3,577	5,391	1,593	-	*
South Omo	20,522	*	*	483	-	*
Shaka	6,986	1,281	*	368	-	*
Kaffa	20,273	4,186	*	3,350	-	-
Gamo Gofa	62,563	*	5,071	3,198	-	*
Bench Maji	43,781	14,617	*	2,961	-	*
Yem Sp. Wereda	4,178	215	-	*	-	892
Amaro Sp. Wereda	5,373	*	*	*	-	-
Burji Sp. Wereda	9,784	219	3,467	232	-	*
Konso Sp. Wereda	13,115	1,416	5,664	*	-	*
Derashe Sp. Wereda	12,029	705	*	309	-	*
Dawro	35,124	921	*	1,575	-	*
Basketo Sp. Wereda	1,870	*	*	*	-	*
Konta Sp. Wereda	10,788	*	*	233	-	*
Silte	6,843	5,868	*	1,000	-	*
Alaba Sp. Wereda	1,565	*	*	*	-	*
Harari	2,298	*	701	161	-	-
Hundene	2,298	*	701	161	-	-
Addis Ababa	568	411	-	102	-	699
Zone 3	281	259	-	*	-	699
Zone 6	287	*	-	*	-	-
Dire Dawa	1,187	2,631	3,288	*	*	-

TABLE 3-26- a: ESTIMATED NUMBER OF LIVESTOCK DIED FROM DISEASE
BY ZONE AND REGION

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Ethiopia	2,365,757	3,998,737	3,045,306	124,098	208,950	16,673	36,635	16,708,276
Tigray	113,088	146,460	512,606	1,328	10,495	*	*	1,927,288
North West Tigray	33,433	9,541	214,428	*	1,156	*	-	723,297
Central Tigray	16,672	40,101	168,010	-	3,600	*	*	426,935
Eastern Tigray	10,572	50,749	22,433	*	909	*	*	153,944
Southern Tigray	31,527	40,757	59,817	649	3,446	*	*	230,990
Western Tigray	20,885	*	47,919	*	1,383	-	*	392,122
Afar	35,512	27,819	57,047	*	315	*	*	12,477
Zone 1	12,576	7,615	11,704	*	*	-	435	*
Zone 3	22,936	20,204	45,343	*	301	*	*	12,461
Amhara	374,181	1,360,546	843,466	31,868	59,976	4,656	*	5,189,684
North Gonder	69,046	175,047	239,077	*	12,544	*	-	2,107,245
South Gonder	44,187	133,936	84,703	*	4,898	*	-	586,644
North Wolo	26,533	117,270	63,380	*	4,593	*	*	201,881
South Wolo	45,043	171,222	86,086	*	3,970	-	-	220,164
North Shewa	48,137	299,094	158,590	*	8,100	*	*	623,525
East Gojam	36,161	266,174	39,893	4,613	11,861	*	-	217,136
West Gojam	46,186	122,761	36,754	*	5,970	*	-	713,626
Waghamera	11,485	12,197	89,182	-	3,932	*	-	56,116
Awi	26,138	58,146	25,231	5,895	2,682	-	-	422,159
Oromia	21,265	4,699	20,569	*	1,425	-	*	41,188
Oromia	1,220,291	1,832,339	1,136,923	68,470	111,837	9,435	15,951	6,286,273
West Wellega	80,281	35,782	14,504	-	6,194	*	-	414,729
East Wellega	80,637	35,743	22,267	*	11,125	*	-	233,523
Illubabor	67,985	82,902	44,785	2,610	*	-	-	378,007
Jimma	131,418	179,832	55,778	5,950	4,660	*	-	787,372
West Shewa	87,165	236,077	81,348	11,054	3,840	*	-	972,670
North Shewa	60,158	259,287	16,502	5,435	10,184	*	-	327,256
East Shewa	52,156	100,796	91,726	*	11,523	*	*	575,868
Arsi	97,151	285,792	107,659	4,699	15,098	*	*	700,346
West Harerghe	55,592	28,015	103,777	*	7,439	*	*	172,205
East Harerghe	55,971	42,124	77,793	*	3,624	-	-	117,507
Bale	86,253	142,191	122,635	7,210	11,510	*	*	112,862
Borena	77,425	81,812	195,213	*	2,873	*	*	163,194
South West Shewa	45,486	54,034	42,378	1,627	4,491	*	-	396,100
Guji	51,993	26,681	56,153	5,629	*	*	*	115,648
Kelem Wellega	51,308	35,999	15,848	*	4,006	*	-	299,292
Horoguduru Wellega	47,315	39,310	15,075	3,631	4,741	-	-	217,844
West Arsi	91,997	165,962	73,483	17,051	9,013	*	-	301,850

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	27,985	41,065	58,780	*	*	-	6,212	14,351
Shinele	2,083	6,918	12,008	-	177	-	315	1,181
Jijiga	20,433	23,211	24,074	*	*	-	4,428	*
Liben	5,469	10,936	22,698	-	*	-	1,470	8,797
Benshangul-Gumuz	31,981	23,569	180,282	*	6,857	*	-	715,869
Metekel	16,904	11,360	49,265	-	2,337	*	-	229,146
Asosa	9,206	7,935	108,671	*	*	-	-	368,742
Kemeshi	5,872	4,274	22,347	-	658	*	-	117,981
SNNP	556,111	555,784	235,940	21,392	16,483	1,739	-	2,528,267
Gurage	38,861	32,362	12,084	*	3,016	-	-	171,500
Hadiya	32,905	32,987	11,532	2,123	3,275	*	-	357,738
Kembata Tembaro	15,977	14,429	3,841	*	567	-	-	73,079
Sidama	70,123	61,798	13,674	*	*	-	-	213,005
Gedio	5,751	14,079	*	2,218	802	-	-	86,086
Wolayita	62,258	17,234	*	*	*	-	-	129,389
South Omo	52,329	45,096	74,170	1,174	375	-	-	211,795
Shaka	7,721	12,571	760	*	*	-	-	92,351
Kaffa	51,266	96,431	15,376	4,317	*	*	-	310,079
Gamo Gofa	83,037	97,517	22,321	*	*	-	-	203,210
Bench Maji	30,357	40,063	*	*	*	*	-	328,722
Yem Sp. Wereda	2,265	3,670	3,092	*	*	-	-	15,852
Amaro Sp. Wereda	7,027	8,143	11,585	*	*	*	-	17,197
Burji Sp. Wereda	4,612	532	6,698	-	201	*	-	10,117
Konso Sp. Wereda	8,526	9,480	14,987	*	313	-	-	38,206
Derashe Sp. Wereda	6,539	1,352	5,303	*	361	*	-	33,044
Dawro	39,305	21,659	4,371	1,068	703	537	-	41,634
Basketo Sp. Wereda	2,054	3,358	253	*	*	*	-	10,281
Konta Sp. Wereda	11,054	3,337	1,128	141	*	*	-	18,524
Silte	14,185	31,438	10,383	*	954	-	-	102,065
Alaba Sp. Wereda	9,962	8,248	6,739	341	541	*	-	64,394
Harari	2,641	398	2,337	*	376	-	*	4,067
Hundene	2,641	398	2,337	*	376	-	*	4,067
Addis Ababa	1,700	2,389	659	*	251	*	-	19,453
Zone 3	1,296	1,474	522	*	150	*	-	12,931
Zone 6	403	915	*	*	101	-	-	6,523
Dire Dawa	2,267	8,367	17,266	*	*	-	200	10,546

TABLE 3-26- b: ESTIMATED NUMBER OF LIVESTOCK DIED FROM OTHER CAUSES
BY ZONE AND REGION

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Ethiopia	875,470	554,072	921,095	32,382	73,856	3,395	15,218	15,800,425
Tigray	59,670	36,880	152,417	1,451	10,684	*	*	1,357,238
North West Tigray	17,546	5,020	48,491	*	1,033	-	-	334,464
Central Tigray	8,930	10,235	41,703	-	1,890	*	*	390,232
Eastern Tigray	5,764	8,871	15,259	*	1,800	*	*	138,027
Southern Tigray	15,500	9,906	24,684	*	5,569	-	*	287,809
Western Tigray	11,929	*	22,280	*	*	-	-	206,705
Afar	4,942	5,977	13,441	*	*	-	240	10,265
Zone 1	2,128	2,634	3,750	*	*	-	*	*
Zone 3	2,814	3,343	9,691	-	*	-	*	10,009
Amhara	149,217	167,923	325,580	8,626	19,464	*	*	4,568,846
North Gonder	26,360	34,655	96,375	*	*	-	-	904,506
South Gonder	11,967	13,931	28,109	-	*	-	-	781,842
North Wolo	21,108	30,261	36,494	*	3,629	*	-	396,631
South Wolo	17,375	17,970	41,076	*	*	*	*	432,829
North Shewa	25,901	28,117	65,129	*	3,843	*	*	523,928
East Gojam	12,834	12,940	17,012	1,184	2,965	-	-	204,409
West Gojam	10,740	17,779	11,088	-	1,715	-	-	813,895
Waghamera	7,873	3,077	21,932	*	693	-	-	174,871
Awi	6,170	7,948	3,241	*	*	-	-	213,807
Oromia	8,889	1,245	5,124	-	768	-	*	122,128
Oromia	411,830	210,432	294,004	16,844	37,324	*	2,083	5,395,500
West Wellega	13,780	8,725	2,589	-	*	*	-	367,266
East Wellega	13,298	5,457	*	-	*	-	-	173,754
Illubabor	5,146	12,671	*	*	*	*	-	371,039
Jimma	13,503	15,483	5,560	-	*	-	-	749,595
West Shewa	27,040	23,763	15,430	1,983	3,104	-	-	353,970
North Shewa	12,079	12,036	7,608	*	4,500	-	-	72,331
East Shewa	8,666	13,189	20,989	-	3,106	-	*	191,366
Arsi	19,082	16,940	21,890	3,766	6,778	-	-	468,868
West Harerghe	10,836	5,868	52,257	*	2,461	-	-	736,662
East Harerghe	12,452	8,290	35,045	*	*	-	-	689,977
Bale	14,164	15,364	20,923	*	4,037	-	-	214,139
Borena	212,039	16,887	62,232	-	1,936	*	1,642	211,876
South West Shewa	4,873	4,419	7,701	*	1,353	-	-	139,281
Guji	*	5,294	*	1,498	*	-	-	167,703
Kelem Wellega	4,891	5,825	1,112	*	564	-	-	163,798
Horoguduru Wellega	7,920	3,872	2,102	842	378	-	-	65,248
West Arsi	29,706	36,348	*	3,278	2,816	-	-	258,625

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	169,010	20,218	36,159	*	2,632	-	*	30,107
Shinele	367	1,987	4,105	*	145	-	121	2,010
Jijiga	792	*	2,675	-	*	-	*	*
Liben	167,851	14,360	29,380	-	2,374	-	*	*
Benshangul-Gumuz	4,519	6,374	19,626	*	404	-	-	369,739
Metekel	2,986	4,319	10,800	*	331	-	-	189,725
Asosa	1,196	*	4,953	-	*	-	-	95,103
Kemeshi	*	696	3,873	-	-	-	-	84,912
SNNP	74,689	102,664	73,897	5,287	2,852	*	-	4,021,721
Gurage	6,897	2,688	3,927	*	*	*	-	180,969
Hadiya	5,246	4,003	*	*	-	-	-	379,644
Kembata Tembaro	3,261	1,860	1,221	*	*	-	-	152,949
Sidama	12,124	6,960	2,560	*	*	-	-	403,139
Gedio	*	1,685	-	*	*	-	-	124,456
Wolayita	5,057	3,044	*	-	-	-	-	395,779
South Omo	5,669	16,197	32,755	-	-	-	-	159,827
Shaka	778	*	381	*	*	-	-	57,925
Kaffa	4,279	8,429	2,213	1,480	*	-	-	640,591
Gamo Gofa	10,983	20,269	4,634	*	-	-	-	289,858
Bench Maji	6,885	12,290	*	*	-	*	-	706,334
Yem Sp. Wereda	459	203	1,032	-	-	-	-	7,499
Amaro Sp. Wereda	1,106	*	1,108	-	-	-	-	26,348
Burji Sp. Wereda	530	101	2,275	-	*	-	-	9,194
Konso Sp. Wereda	500	*	2,943	-	-	-	-	31,302
Derashe Sp. Wereda	796	225	931	-	*	-	-	31,800
Dawro	2,778	3,879	1,417	-	*	*	-	53,035
Basketo Sp. Wereda	384	256	*	-	-	-	-	20,327
Konta Sp. Wereda	998	1,000	553	*	-	-	-	35,129
Silte	4,282	7,854	4,658	*	*	*	-	262,123
Alaba Sp. Wereda	1,225	881	*	*	-	-	-	53,493
Harari	539	*	1,235	-	-	-	-	22,106
Hundene	539	*	1,235	-	-	-	-	22,106
Addis Ababa	359	427	240	*	69	-	-	3,972
Zone 3	312	326	204	*	40	-	-	3,129
Zone 6	*	*	*	*	*	-	-	843
Dire Dawa	694	2,889	4,495	-	247	-	*	20,932

TABLE 3 -27- a: NUMBER OF HOLDINGS BY SIZE OF CATTLE

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	2,573,647	3,269,027	3,130,079	2,625,668	589,174	95,238	8,513	1,641	261
Tigray	137,316	194,140	210,762	165,239	44,110	10,639	407	-	-
North West Tigray	17,201	23,692	30,420	43,951	18,887	5,072	339	-	-
Central Tigray	41,327	60,619	69,510	45,550	2,922	181	-	-	-
Eastern Tigray	29,264	42,381	37,950	14,580	951	-	-	-	-
Southern Tigray	43,356	59,805	60,621	41,336	8,253	1,542	-	-	-
Western Tigray	6,169	7,644	12,260	19,822	13,097	3,844	67	-	-
Afar	6,300	3,509	3,295	5,572	5,326	5,030	1,611	449	41
Zone 1	2,301	979	1,180	2,293	3,089	2,061	229	59	16
Zone 3	3,999	2,530	2,116	3,278	2,238	2,969	1,382	390	25
Amhara	670,016	966,251	961,885	697,861	95,410	8,337	195	-	-
North Gondar	99,602	107,462	114,477	122,413	32,919	5,075	-	-	-
South Gondar	70,869	128,284	140,967	74,505	7,504	-	-	-	-
North Wolo	54,968	103,977	98,399	52,890	2,315	-	-	-	-
South Wolo	85,578	154,775	195,561	83,376	743	-	-	-	-
North Shewa	114,917	120,930	115,408	77,761	8,261	-	-	-	-
East Gojam	104,051	144,553	97,774	95,812	10,086	546	-	-	-
West Gojam	62,322	121,522	111,357	109,505	15,913	1,162	-	-	-
Waghamera	18,756	23,828	22,036	16,871	2,282	103	-	-	-
Awii	43,767	40,459	46,025	45,542	11,545	615	195	-	-
Oromia	15,188	20,461	19,882	19,186	3,842	835	-	-	-
Oromia	1,075,661	1,178,688	1,148,976	1,201,228	364,835	55,909	2,612	140	-
West Wellega	97,131	41,846	40,334	51,709	15,332	2,242	256	-	-
East Wellega	49,448	36,467	39,976	62,018	23,381	3,310	-	-	-
Illubabor	58,193	51,286	49,712	54,388	13,881	1,739	-	-	-
Jimma	79,556	118,222	153,346	154,656	23,723	1,338	-	-	-
West Shewa	106,654	89,263	89,392	108,972	32,887	6,362	961	-	-
North Shewa	48,516	49,263	60,952	92,662	34,101	2,318	-	-	-
East Shewa	65,682	62,101	54,716	58,854	21,478	5,149	225	-	-
Arsi	106,119	102,214	125,238	139,915	39,220	3,315	-	-	-
West Harerghe	45,930	111,421	109,205	54,191	4,398	413	-	-	-
East Harerghe	78,064	221,397	126,181	32,440	193	-	-	-	-
Bale	50,776	46,296	65,103	82,985	29,054	3,417	-	-	-
Borena	33,524	31,793	25,654	44,494	28,717	11,537	831	140	-
South West Shewa	34,420	54,897	51,962	53,633	13,911	894	-	-	-
Guji	55,132	38,524	35,463	58,136	28,063	4,046	251	-	-
Kelem Wellega	58,690	30,233	24,895	21,387	4,678	478	-	-	-
Horoguduru Wellega	18,834	17,572	16,453	31,580	16,434	4,364	88	-	-
West Arsi	88,990	75,895	80,396	99,208	35,384	4,987	-	-	-

TABLE 3- 27-a CONT'D

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	22,593	19,968	25,168	36,424	11,935	3,665	193	-	-
Shinele	2,758	991	800	519	363	254	-	-	-
Jijiga	10,549	14,618	20,961	28,898	7,756	589	-	-	-
Liben	9,283	4,360	3,407	7,007	3,817	2,822	193	-	-
Benshangul-Gumuz	94,416	18,514	13,256	16,149	7,567	1,701	-	-	-
Metekel	22,494	8,589	6,956	10,574	5,535	1,034	-	-	-
Asosa	52,311	7,564	5,118	3,182	917	204	-	-	-
Kemeshi	19,611	2,361	1,182	2,393	1,115	462	-	-	-
SNNP	556,992	870,713	757,688	498,062	58,835	9,859	3,496	1,051	220
Gurage	34,310	63,795	86,860	76,711	3,571	-	-	-	-
Hadiya	24,452	75,583	74,440	34,091	3,096	420	-	-	-
Kembata Tembaro	17,811	51,946	39,191	11,491	115	-	-	-	-
Sidama	119,685	213,264	129,497	79,470	13,070	399	-	-	-
Gedio	102,344	41,733	9,371	3,766	771	-	-	-	-
Wolayita	40,045	111,956	106,603	39,376	2,805	217	-	-	-
South Omo	32,662	20,811	15,297	12,224	5,837	6,203	3,496	1,051	220
Shaka	12,304	8,378	6,868	4,791	972	-	-	-	-
Kaffa	28,472	46,585	49,111	45,288	6,493	1,047	-	-	-
Gamo Gofa	49,867	94,485	84,960	61,403	6,917	547	-	-	-
Bench Maji	23,139	32,585	35,813	34,427	2,644	-	-	-	-
Yem Sp. Wereda	2,972	4,127	4,737	3,977	184	-	-	-	-
Amaro Sp. Wereda	4,606	7,560	6,937	7,791	1,125	124	-	-	-
Burji Sp. Wereda	1,979	1,885	1,754	2,692	937	101	-	-	-
Konso Sp. Wereda	11,636	12,611	7,241	5,543	1,338	175	-	-	-
Derashe Sp. Wereda	9,366	4,912	4,122	3,618	2,142	270	-	-	-
Dawro	9,840	16,941	25,230	25,434	3,448	87	-	-	-
Basketo Sp. Wereda	2,679	3,880	3,246	1,402	71	-	-	-	-
Konta Sp. Wereda	2,886	5,301	5,195	5,189	320	-	-	-	-
Silte	22,114	42,305	50,601	30,572	1,454	-	-	-	-
Alaba Sp. Wereda	3,826	10,070	10,612	8,805	1,527	269	-	-	-
Harari	3,811	7,662	3,610	1,681	254	28	-	-	-
Hundene	3,811	7,662	3,610	1,681	254	28	-	-	-
Addis Ababa	2,245	1,427	1,128	1,812	722	69	-	-	-
Zone 3	1,354	796	697	1,304	569	69	-	-	-
Zone 6	891	631	431	508	153	-	-	-	-
Dire Dawa	4,301	8,154	4,310	1,641	178	-	-	-	-

TABLE 3 -27- b: NUMBER OF HOLDINGS BY SIZE OF SHEEP

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Ethiopia	7,492,354	3,033,138	1,249,482	511,801	5,312	922	14	225
Tigray	621,791	56,706	51,636	32,480	-	-	-	-
North West Tigray	130,939	2,553	2,854	3,216	-	-	-	-
Central Tigray	183,935	14,842	12,356	8,976	-	-	-	-
Eastern Tigray	67,959	21,862	23,590	11,715	-	-	-	-
Southern Tigray	180,507	15,514	11,246	7,646	-	-	-	-
Western Tigray	58,451	1,935	1,590	927	-	-	-	-
Afar	16,732	3,658	3,245	6,603	632	249	14	-
Zone 1	5,939	1,699	1,698	2,670	141	46	14	-
Zone 3	10,793	1,960	1,547	3,933	491	203	-	-
Amhara	2,028,788	675,641	462,150	232,521	855	-	-	-
North Gonder	370,175	59,228	34,874	17,286	385	-	-	-
South Gonder	264,148	85,845	59,311	12,825	-	-	-	-
North Wolo	198,706	47,994	39,900	25,479	470	-	-	-
South Wolo	262,346	79,328	100,977	77,382	-	-	-	-
North Shewa	259,966	84,739	48,833	43,739	-	-	-	-
East Gojam	212,429	108,272	92,847	39,274	-	-	-	-
West Gojam	223,713	141,291	48,373	8,404	-	-	-	-
Waghamera	69,147	8,501	3,494	2,734	-	-	-	-
Awi	98,770	52,721	31,505	5,152	-	-	-	-
Oromia	69,389	7,724	2,035	246	-	-	-	-
Oromia	3,016,716	1,314,856	515,746	180,506	-	-	-	225
West Wellega	174,913	55,373	16,763	1,801	-	-	-	-
East Wellega	139,691	50,142	20,890	3,877	-	-	-	-
Illubabor	108,751	85,078	31,893	3,477	-	-	-	-
Jimma	251,273	221,459	55,914	2,195	-	-	-	-
West Shewa	218,340	113,831	68,350	33,970	-	-	-	-
North Shewa	136,512	57,949	49,716	43,635	-	-	-	-
East Shewa	190,581	44,721	23,162	9,516	-	-	-	225
Arsi	260,237	152,054	72,743	30,987	-	-	-	-
West Harerghe	254,422	63,397	6,924	815	-	-	-	-
East Harerghe	332,486	109,405	13,580	2,804	-	-	-	-
Bale	195,278	42,440	27,608	12,305	-	-	-	-
Borena	116,686	40,816	13,845	5,343	-	-	-	-
South West Shewa	150,079	42,635	14,777	2,226	-	-	-	-
Guji	125,962	68,902	22,545	2,206	-	-	-	-
Kelem Wellega	90,282	34,614	14,542	923	-	-	-	-
Horoguduru Wellega	56,940	29,456	14,590	4,339	-	-	-	-
West Arsi	214,285	102,584	47,902	20,089	-	-	-	-

TABLE 3-27 - b CONT'D

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Somale	59,728	15,582	17,384	25,621	1,456	175	-	-
Shinele	2,722	974	532	1,033	326	98	-	-
Jijiga	41,945	9,489	11,535	19,243	1,082	77	-	-
Liben	15,060	5,119	5,317	5,345	48	-	-	-
Benshangul-Gumuz	127,754	17,218	5,629	1,002	-	-	-	-
Metekel	41,224	9,778	3,386	794	-	-	-	-
Asosa	63,950	4,193	1,081	72	-	-	-	-
Kemeshi	22,578	3,247	1,163	136	-	-	-	-
SNNP	1,592,141	939,581	190,388	32,009	2,298	499	-	-
Gurage	159,854	82,025	21,930	1,438	-	-	-	-
Hadiya	109,633	95,285	6,733	431	-	-	-	-
Kembata Tembaro	67,095	51,491	1,968	-	-	-	-	-
Sidama	389,521	144,639	20,818	407	-	-	-	-
Gedio	93,085	53,023	10,595	1,282	-	-	-	-
Wolayita	203,490	95,057	2,455	-	-	-	-	-
South Omo	44,765	24,286	13,852	12,101	2,298	499	-	-
Shaka	19,701	10,422	2,763	427	-	-	-	-
Kaffa	62,677	84,428	27,339	2,552	-	-	-	-
Gamo Gofa	182,476	75,926	30,330	9,447	-	-	-	-
Bench Maji	59,362	55,706	13,034	506	-	-	-	-
Yem Sp. Wereda	7,134	7,161	1,602	100	-	-	-	-
Amaro Sp. Wereda	15,243	7,726	3,712	1,462	-	-	-	-
Burji Sp. Wereda	8,134	888	264	62	-	-	-	-
Konso Sp. Wereda	12,863	18,328	6,582	771	-	-	-	-
Derashe Sp. Wereda	19,346	4,056	936	92	-	-	-	-
Dawro	40,953	34,802	5,142	83	-	-	-	-
Basketo Sp. Wereda	6,107	4,428	704	39	-	-	-	-
Konta Sp. Wereda	12,095	6,254	514	28	-	-	-	-
Silte	58,148	70,916	17,246	736	-	-	-	-
Alaba Sp. Wereda	20,457	12,735	1,872	45	-	-	-	-
Harari	14,747	2,250	49	-	-	-	-	-
Hundene	14,747	2,250	49	-	-	-	-	-
Addis Ababa	5,458	1,054	623	268	-	-	-	-
Zone 3	3,653	531	410	195	-	-	-	-
Zone 6	1,806	522	213	73	-	-	-	-
Dire Dawa	8,497	6,594	2,632	791	70	-	-	-

TABLE 3 -27- c: NUMBER OF HOLDINGS BY SIZE OF GOATS

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Ethiopia	8,918,161	2,077,407	877,964	403,414	13,181	2,809	215	97
Tigray	459,008	90,070	112,273	99,198	1,887	177	-	-
North West Tigray	60,005	21,114	24,592	32,480	1,194	177	-	-
Central Tigray	103,526	31,545	49,096	35,563	379	-	-	-
Eastern Tigray	99,173	9,139	9,657	7,157	-	-	-	-
Southern Tigray	164,902	18,726	19,184	11,932	169	-	-	-
Western Tigray	31,403	9,545	9,745	12,065	145	-	-	-
Afar	8,060	3,691	3,391	12,593	2,423	856	119	-
Zone 1	3,409	1,320	1,490	5,201	651	136	-	-
Zone 3	4,651	2,371	1,902	7,392	1,772	720	119	-
Amhara	2,400,690	578,335	302,730	117,994	103	103	-	-
North Gondar	293,420	95,085	55,783	37,660	-	-	-	-
South Gondar	293,417	81,170	39,924	7,618	-	-	-	-
North Wolo	187,755	70,297	43,126	11,371	-	-	-	-
South Wolo	357,201	98,293	44,907	19,632	-	-	-	-
North Shewa	282,751	92,039	47,338	15,149	-	-	-	-
East Gojam	388,286	40,419	19,259	4,858	-	-	-	-
West Gojam	348,513	48,609	19,636	5,023	-	-	-	-
Waghamera	38,177	18,948	14,766	11,779	103	103	-	-
Awi	163,040	14,454	8,804	1,850	-	-	-	-
Oromia	48,130	19,021	9,187	3,056	-	-	-	-
Oromia	3,658,889	932,234	338,552	97,956	418	-	-	-
West Wellega	229,584	14,301	4,096	869	-	-	-	-
East Wellega	183,411	23,903	6,980	306	-	-	-	-
Illubabor	195,324	24,225	8,499	1,151	-	-	-	-
Jimma	440,764	74,221	14,093	1,763	-	-	-	-
West Shewa	364,038	42,664	22,725	5,064	-	-	-	-
North Shewa	248,033	25,822	11,710	2,247	-	-	-	-
East Shewa	188,501	40,534	25,100	13,890	180	-	-	-
Arsi	405,656	80,146	23,626	6,593	-	-	-	-
West Harerghe	135,765	131,327	45,830	12,636	-	-	-	-
East Harerghe	168,949	231,982	51,302	6,042	-	-	-	-
Bale	181,878	53,709	32,810	9,234	-	-	-	-
Borena	80,706	40,192	32,685	22,869	238	-	-	-
South West Shewa	159,384	36,152	11,529	2,652	-	-	-	-
Guji	160,098	35,386	18,276	5,855	-	-	-	-
Kelem Wellega	125,079	10,726	3,758	798	-	-	-	-
Horoguduru Wellega	83,771	12,800	7,204	1,550	-	-	-	-
West Arsi	307,946	54,144	18,331	4,439	-	-	-	-

TABLE 3- 27- c CONT'D

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Somale	42,473	22,362	19,695	31,631	3,289	496	-	-
Shinele	1,157	897	730	1,644	930	327	-	-
Jijiga	33,342	17,582	14,173	17,721	553	-	-	-
Liben	7,973	3,884	4,792	12,266	1,805	169	-	-
Benshangul-Gumuz	89,738	34,752	17,591	9,522	-	-	-	-
Metekel	34,000	10,114	6,108	4,960	-	-	-	-
Asosa	41,068	18,322	7,482	2,424	-	-	-	-
Kemeshi	14,669	6,316	4,001	2,138	-	-	-	-
SNNP	2,243,286	401,660	75,660	30,162	4,804	1,150	97	97
Gurage	228,145	32,484	4,089	529	-	-	-	-
Hadiya	170,449	36,432	4,818	383	-	-	-	-
Kembata Tembaro	101,714	17,912	928	-	-	-	-	-
Sidama	479,845	66,947	7,250	1,343	-	-	-	-
Gedio	153,541	4,014	430	-	-	-	-	-
Wolayita	257,976	35,254	6,657	1,115	-	-	-	-
South Omo	64,104	9,441	4,440	13,836	4,636	1,150	97	97
Shaka	30,622	2,342	321	28	-	-	-	-
Kaffa	133,669	39,049	4,278	-	-	-	-	-
Gamo Gofa	239,491	45,742	10,104	2,842	-	-	-	-
Bench Maji	110,947	14,976	2,413	272	-	-	-	-
Yem Sp. Wereda	10,201	4,055	1,666	75	-	-	-	-
Amaro Sp. Wereda	17,693	5,679	3,814	957	-	-	-	-
Burji Sp. Wereda	4,153	2,533	1,881	781	-	-	-	-
Konso Sp. Wereda	11,720	15,731	5,969	5,008	116	-	-	-
Derashe Sp. Wereda	10,876	7,547	3,925	2,031	51	-	-	-
Dawro	63,959	15,023	1,998	-	-	-	-	-
Basketo Sp. Wereda	9,954	1,162	162	-	-	-	-	-
Konta Sp. Wereda	14,893	3,502	496	-	-	-	-	-
Silte	108,824	31,202	6,654	366	-	-	-	-
Alaba Sp. Wereda	20,516	10,631	3,368	594	-	-	-	-
Harari	6,502	8,240	2,173	131	-	-	-	-
Hundene	6,502	8,240	2,173	131	-	-	-	-
Addis Ababa	6,705	400	230	68	-	-	-	-
Zone 3	4,342	222	166	59	-	-	-	-
Zone 6	2,363	178	64	9	-	-	-	-
Dire Dawa	2,810	5,663	5,668	4,159	258	26	-	-

TABLE 3 -27- d: NUMBER OF HOLDINGS BY SIZES OF HORSES AND DONKEYS

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Ethiopia	11,255,557	901,210	121,490	14,728	263	9,173,682	2,885,319	221,280	12,223	744
Tigray	760,566	2,047	-	-	-	464,004	273,896	23,965	748	-
North West Tigray	139,562	-	-	-	-	88,192	47,987	3,101	282	-
Central Tigray	220,109	-	-	-	-	141,820	70,520	7,636	133	-
Eastern Tigray	124,974	152	-	-	-	77,939	44,160	3,027	-	-
Southern Tigray	213,463	1,450	-	-	-	121,332	84,128	9,120	333	-
Western Tigray	62,458	445	-	-	-	34,722	27,101	1,080	-	-
Afar	31,115	18	-	-	-	25,313	4,428	1,080	262	50
Zone 1	12,189	18	-	-	-	11,088	823	203	79	14
Zone 3	18,927	-	-	-	-	14,226	3,605	877	183	36
Amhara	3,204,071	182,306	12,953	625	-	2,320,430	1,013,962	63,748	1,815	-
North Gondar	458,306	21,187	2,455	-	-	340,219	133,624	8,105	-	-
South Gondar	406,335	15,794	-	-	-	310,392	108,443	3,294	-	-
North Wolo	297,269	14,304	976	-	-	197,495	106,632	7,997	425	-
South Wolo	492,865	27,168	-	-	-	314,267	195,507	10,259	-	-
North Shewa	406,422	29,997	858	-	-	248,294	177,069	11,602	312	-
East Gojam	412,421	35,832	3,944	625	-	321,725	119,650	10,923	524	-
West Gojam	410,928	10,048	805	-	-	315,660	101,568	4,553	-	-
Waghamera	83,777	99	-	-	-	56,745	23,068	3,682	381	-
Awi	156,357	27,877	3,914	-	-	159,806	25,512	2,657	173	-
Oromia	79,394	-	-	-	-	55,832	22,886	676	-	-
Oromia	4,420,976	499,382	93,958	13,470	263	3,631,432	1,269,631	118,360	7,947	679
West Wellega	246,961	1,688	201	-	-	193,654	49,494	5,244	458	-
East Wellega	211,868	2,420	156	156	-	164,272	43,632	6,522	174	-
Illubabor	206,743	20,325	1,497	634	-	216,907	11,167	1,125	-	-
Jimma	474,299	47,846	7,609	1,087	-	480,698	49,114	1,029	-	-
West Shewa	332,385	82,721	17,758	1,627	-	348,754	75,270	9,981	486	-
North Shewa	225,933	54,870	6,348	398	263	167,997	106,611	12,670	534	-
East Shewa	261,389	6,609	207	-	-	129,132	114,425	22,050	2,391	207
Arsi	411,954	89,191	13,525	1,351	-	336,063	167,236	12,390	-	332
West Harerghe	323,725	1,833	-	-	-	183,422	136,953	5,183	-	-
East Harerghe	457,911	364	-	-	-	325,466	128,568	4,241	-	-
Bale	234,224	34,863	7,150	1,394	-	144,990	118,925	12,724	992	-
Borena	173,845	2,063	126	656	-	134,701	38,436	2,945	468	140
South West Shewa	184,836	24,588	138	155	-	129,211	73,429	6,474	603	-
Guji	158,588	45,118	14,158	1,751	-	189,414	27,594	2,067	540	-
Kelem Wellega	138,496	1,865	-	-	-	123,397	16,000	964	-	-
Horoguduru Wellega	88,281	11,155	4,347	1,542	-	78,177	23,213	3,758	177	-
West Arsi	289,541	71,863	20,737	2,719	-	285,180	89,566	8,991	1,123	-

TABLE 3-27 – d CONT'D

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Somale	119,946	-	-	-	-	58,492	54,285	6,663	490	16
Shinele	5,685	-	-	-	-	3,723	1,477	395	90	-
Jijiga	83,371	-	-	-	-	39,289	39,635	4,239	208	-
Liben	30,889	-	-	-	-	15,480	13,173	2,028	192	16
Benshangul-Gumuz	151,144	395	64	-	-	123,044	26,173	2,214	172	-
Metekel	54,723	395	64	-	-	41,942	12,502	738	-	-
Asosa	69,296	-	-	-	-	58,188	9,791	1,145	172	-
Kemeshi	27,124	-	-	-	-	22,913	3,880	331	-	-
SNNP	2,525,225	216,551	14,506	634	-	2,524,676	227,314	4,274	652	-
Gurage	222,139	40,257	2,631	220	-	232,092	32,900	255	-	-
Hadiya	197,227	14,582	273	-	-	178,375	32,243	1,259	205	-
Kembata Tembaro	115,094	5,460	-	-	-	102,124	18,430	-	-	-
Sidama	515,616	35,055	4,714	-	-	526,441	28,541	403	-	-
Gedio	136,481	20,263	985	256	-	155,837	2,030	118	-	-
Wolayita	300,360	642	-	-	-	277,491	23,511	-	-	-
South Omo	89,696	7,357	748	-	-	94,623	2,117	743	318	-
Shaka	31,156	2,081	76	-	-	32,223	1,090	-	-	-
Kaffa	141,871	31,477	3,491	157	-	176,761	235	-	-	-
Gamo Gofa	271,642	26,267	270	-	-	286,893	11,286	-	-	-
Bench Maji	118,508	9,354	746	-	-	128,212	396	-	-	-
Yem Sp. Wereda	15,604	393	-	-	-	14,197	1,702	98	-	-
Amaro Sp. Wereda	25,287	2,763	93	-	-	27,379	721	43	-	-
Burji Sp. Wereda	9,348	-	-	-	-	6,479	2,720	149	-	-
Konso Sp. Wereda	38,544	-	-	-	-	36,337	1,903	243	61	-
Derashe Sp. Wereda	24,334	48	48	-	-	15,995	8,172	263	-	-
Dawro	74,880	5,948	152	-	-	79,142	1,838	-	-	-
Basketo Sp. Wereda	11,032	246	-	-	-	11,233	45	-	-	-
Konta Sp. Wereda	17,570	1,294	27	-	-	18,805	86	-	-	-
Silte	136,452	10,456	138	-	-	103,918	42,692	436	-	-
Alaba Sp. Wereda	32,387	2,608	114	-	-	20,123	14,654	265	67	-
Harari	17,046	-	-	-	-	11,606	5,220	195	25	-
Hundene	17,046	-	-	-	-	11,606	5,220	195	25	-
Addis Ababa	6,910	484	9	-	-	3,499	3,524	326	54	-
Zone 3	4,458	331	-	-	-	2,097	2,534	150	8	-
Zone 6	2,452	153	9	-	-	1,402	990	176	46	-
Dire Dawa	18,556	28	-	-	-	11,184	6,885	456	59	-

TABLE 3 -27- e: NUMBER OF HOLDINGS BY SIZES OF MULES AND CAMELS

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Ethiopia	11,990,723	299,382	2,819	324	-	12,156,789	86,002	18,166	18,385	13,507
Tigray	756,029	6,584	-	-	-	744,412	14,598	2,377	1,226	-
North West Tigray	138,838	724	-	-	-	134,748	4,674	-	140	-
Central Tigray	219,009	1,100	-	-	-	215,373	4,603	133	-	-
Eastern Tigray	124,848	278	-	-	-	124,333	160	473	160	-
Southern Tigray	211,320	3,593	-	-	-	209,290	2,924	1,772	927	-
Western Tigray	62,013	890	-	-	-	60,666	2,237	-	-	-
Afar	30,976	157	-	-	-	19,604	3,951	1,309	2,075	4,194
Zone 1	12,207	-	-	-	-	7,432	2,709	376	558	1,132
Zone 3	18,770	157	-	-	-	12,174	1,241	933	1,517	3,062
Amhara	3,313,019	86,030	906	-	-	3,380,572	16,763	2,345	275	-
North Gondar	472,785	9,163	-	-	-	480,883	1,065	-	-	-
South Gondar	411,020	11,109	-	-	-	422,129	-	-	-	-
North Wolo	301,867	10,682	-	-	-	305,365	6,447	737	-	-
South Wolo	500,351	19,333	349	-	-	517,525	2,218	290	-	-
North Shewa	427,155	10,122	-	-	-	432,862	3,563	577	275	-
East Gojam	444,666	7,850	306	-	-	452,822	-	-	-	-
West Gojam	408,510	13,020	251	-	-	421,781	-	-	-	-
Waghamera	82,232	1,644	-	-	-	83,876	-	-	-	-
Awı	185,100	3,048	-	-	-	188,148	-	-	-	-
Oromia	79,334	60	-	-	-	75,182	3,471	741	-	-
Oromia	4,880,256	145,790	1,679	324	-	4,985,903	26,251	6,715	8,007	1,173
West Wellega	245,252	3,598	-	-	-	248,850	-	-	-	-
East Wellega	209,645	4,611	344	-	-	214,600	-	-	-	-
Illubabor	219,682	9,517	-	-	-	229,199	-	-	-	-
Jimma	502,236	28,605	-	-	-	530,841	-	-	-	-
West Shewa	426,768	7,723	-	-	-	434,491	-	-	-	-
North Shewa	282,344	5,205	263	-	-	287,812	-	-	-	-
East Shewa	260,542	7,663	-	-	-	262,543	2,163	1,285	1,572	642
Arsi	495,350	20,044	627	-	-	514,077	965	331	648	-
West Harerghe	322,318	3,240	-	-	-	321,335	3,115	275	833	-
East Harerghe	457,881	394	-	-	-	454,246	2,989	-	1,040	-
Bale	262,098	15,344	-	189	-	267,832	7,941	1,633	225	-
Borena	171,408	5,282	-	-	-	163,434	7,340	2,695	2,940	281
South West Shewa	198,628	11,089	-	-	-	209,717	-	-	-	-
Guji	206,903	12,227	350	135	-	216,382	1,737	496	749	251
Kelem Wellega	133,409	6,952	-	-	-	140,361	-	-	-	-
Horoguduru Wellega	102,618	2,612	95	-	-	105,325	-	-	-	-
West Arsi	383,175	1,685	-	-	-	384,860	-	-	-	-

TABLE 3-27 – e CONT'D

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Somale	119,846	100	-	-	-	78,206	22,511	4,893	6,355	7,981
Shinele	5,668	17	-	-	-	4,244	593	304	343	201
Jijiga	83,371	-	-	-	-	57,349	19,471	2,468	2,404	1,679
Liben	30,806	83	-	-	-	16,611	2,447	2,121	3,608	6,102
Benshangul-Gumuz	150,228	1,375	-	-	-	151,603	-	-	-	-
Metekel	54,274	908	-	-	-	55,182	-	-	-	-
Asosa	69,039	257	-	-	-	69,296	-	-	-	-
Kemeshi	26,913	211	-	-	-	27,124	-	-	-	-
SNNP	2,697,709	58,973	234	-	-	2,756,517	-	-	-	-
Gurage	261,359	3,888	-	-	-	265,247	-	-	-	-
Hadiya	206,791	5,291	-	-	-	212,082	-	-	-	-
Kembata Tembaro	118,418	2,136	-	-	-	120,554	-	-	-	-
Sidama	554,181	1,204	-	-	-	555,385	-	-	-	-
Gedio	152,358	5,489	138	-	-	157,985	-	-	-	-
Wolayita	299,849	1,153	-	-	-	300,754	-	-	-	-
South Omo	96,211	1,494	96	-	-	97,801	-	-	-	-
Shaka	32,868	445	-	-	-	33,313	-	-	-	-
Kaffa	167,983	9,013	-	-	-	176,996	-	-	-	-
Gamo Gofa	288,178	10,001	-	-	-	298,179	-	-	-	-
Bench Maji	123,049	5,559	-	-	-	128,457	-	-	-	-
Yem Sp. Wereda	15,921	76	-	-	-	15,997	-	-	-	-
Amaro Sp. Wereda	26,725	1,418	-	-	-	28,143	-	-	-	-
Burji Sp. Wereda	9,269	79	-	-	-	9,348	-	-	-	-
Konso Sp. Wereda	38,544	-	-	-	-	38,544	-	-	-	-
Derashe Sp. Wereda	24,066	364	-	-	-	24,430	-	-	-	-
Dawro	76,243	4,737	-	-	-	80,980	-	-	-	-
Basketo Sp. Wereda	10,763	515	-	-	-	11,278	-	-	-	-
Konta Sp. Wereda	18,365	526	-	-	-	18,891	-	-	-	-
Silte	142,530	4,516	-	-	-	147,046	-	-	-	-
Alaba Sp. Wereda	34,042	1,067	-	-	-	35,109	-	-	-	-
Harari	17,046	-	-	-	-	16,751	97	72	72	54
Hundene	17,046	-	-	-	-	16,751	97	72	72	54
Addis Ababa	7,032	371	-	-	-	7,403	-	-	-	-
Zone 3	4,621	168	-	-	-	4,789	-	-	-	-
Zone 6	2,412	202	-	-	-	2,614	-	-	-	-
Dire Dawa	18,584	-	-	-	-	15,814	1,833	456	376	105

TABLE 3 -27- f: NUMBER OF HOLDINGS BY SIZE OF POULTRY

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	5,813,500	5,461,284	1,017,136	1,328	-	-
Tigray	230,059	410,272	121,611	671	-	-
North West Tigray	36,266	64,602	38,365	329	-	-
Central Tigray	58,562	128,003	33,544	-	-	-
Eastern Tigray	34,700	81,669	8,757	-	-	-
Southern Tigray	82,813	109,815	22,285	-	-	-
Western Tigray	17,717	26,183	18,661	342	-	-
Afar	24,246	5,272	1,615	-	-	-
Zone 1	11,917	266	24	-	-	-
Zone 3	12,330	5,006	1,591	-	-	-
Amhara	1,263,488	1,823,830	312,637	-	-	-
North Gondar	113,275	267,105	101,568	-	-	-
South Gondar	145,426	240,232	36,471	-	-	-
North Wolo	80,232	203,032	29,285	-	-	-
South Wolo	168,521	322,242	29,270	-	-	-
North Shewa	150,134	271,578	15,565	-	-	-
East Gojam	290,287	150,767	11,768	-	-	-
West Gojam	171,315	198,017	52,449	-	-	-
Waghamera	27,931	45,500	10,445	-	-	-
Awi	79,141	87,962	21,045	-	-	-
Oromia	37,226	37,396	4,772	-	-	-
Oromia	2,627,004	2,033,460	367,094	491	-	-
West Wellega	111,586	109,364	27,900	-	-	-
East Wellega	104,736	88,535	21,329	-	-	-
Illubabor	88,846	111,843	28,281	229	-	-
Jimma	252,697	231,211	46,933	-	-	-
West Shewa	215,412	195,879	23,200	-	-	-
North Shewa	166,071	111,332	10,409	-	-	-
East Shewa	133,714	109,773	24,718	-	-	-
Arsi	277,695	209,088	29,238	-	-	-
West Harerghe	159,109	138,023	28,426	-	-	-
East Harerghe	232,149	206,192	19,934	-	-	-
Bale	183,616	78,317	15,698	-	-	-
Borena	101,131	59,703	15,856	-	-	-
South West Shewa	92,254	103,700	13,763	-	-	-
Guji	121,070	82,376	15,908	261	-	-
Kelem Wellega	69,132	55,153	16,076	-	-	-
Horoguduru Wellega	52,554	42,043	10,728	-	-	-
West Arsi	265,236	100,927	18,697	-	-	-

TABLE 3-27 – f CONT'D

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	99,029	17,777	3,140	-	-	-
Shinele	4,850	735	100	-	-	-
Jijiga	73,689	8,906	776	-	-	-
Liben	20,489	8,135	2,265	-	-	-
Benshangul-Gumuz	56,666	65,147	29,712	78	-	-
Metekel	17,031	25,694	12,457	-	-	-
Asosa	28,459	28,798	12,039	-	-	-
Kemeshi	11,175	10,655	5,216	78	-	-
SNNP	1,492,203	1,085,253	179,371	89	-	-
Gurage	139,232	117,685	8,330	-	-	-
Hadiya	101,290	94,542	16,250	-	-	-
Kembata Tembaro	67,211	48,573	4,770	-	-	-
Sidama	343,775	191,433	20,177	-	-	-
Gedio	102,970	50,926	4,089	-	-	-
Wolayita	177,993	106,179	16,830	-	-	-
South Omo	47,942	34,669	15,190	-	-	-
Shaka	14,678	16,146	2,489	-	-	-
Kaffa	69,441	90,938	16,617	-	-	-
Gamo Gofa	190,753	88,596	18,830	-	-	-
Bench Maji	43,582	63,053	21,884	89	-	-
Yem Sp. Wereda	8,429	7,083	485	-	-	-
Amaro Sp. Wereda	17,125	9,536	1,482	-	-	-
Burji Sp. Wereda	4,859	3,651	838	-	-	-
Konso Sp. Wereda	20,239	14,831	3,474	-	-	-
Derashe Sp. Wereda	9,270	10,863	4,297	-	-	-
Dawro	49,521	27,323	4,136	-	-	-
Basketo Sp. Wereda	5,348	4,963	967	-	-	-
Konta Sp. Wereda	9,923	7,563	1,405	-	-	-
Silte	54,336	80,414	12,296	-	-	-
Alaba Sp. Wereda	14,287	16,287	4,535	-	-	-
Harari	10,592	5,704	750	-	-	-
Hundene	10,592	5,704	750	-	-	-
Addis Ababa	3,226	3,647	530	-	-	-
Zone 3	2,011	2,400	378	-	-	-
Zone 6	1,215	1,247	152	-	-	-
Dire Dawa	6,984	10,923	677	-	-	-

TABLE 3-28: ANIMAL FEED PRACTICES OF PEASNT HOLDERS – PERCENTAGE USED BY TYPE OF FEED, ZONE, AND REGION

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	100	61.83	27.16	0.08	5.95	1.11	3.77
Tigray	100	37.7	40.07	0.16	14.9	1.44	5.31
North West Tigray	100	46.58	31.69	0.25	15.22	2.14	4.03
Central Tigray	100	33.38	45.05	0.09	18.16	0.57	2.6
Eastern Tigray	100	28.69	43.52	0.12	14.26	1.1	12.31
Southern Tigray	100	34.14	44.9	0.2	12.46	1.5	5.48
Western Tigray	100	59.55	21.22	0.15	12.35	3.19	3.52
Afar	100	77.14	10.28	0.11	3.96	1.09	7.38
Zone 1	100	84.75	11.79	0.12	1.87	0.2	1.22
Zone 3	100	72.12	9.28	0.11	5.34	1.67	11.44
Amhara	100	47.39	34.54	0.13	13.19	0.65	4.02
North Gonder	100	46.28	29.65	0.26	15.92	0.94	6.85
South Gonder	100	36.74	41.76	0.23	16.93	1.25	2.97
North Wolo	100	42.7	38.96	0.05	13.56	0.11	4.56
South Wolo	100	40.05	37.53	0.14	20.57	0.11	1.54
North Shewa	100	42.45	37.95	0.03	16	1.54	1.95
East Gojam	100	55.83	32.96	0.19	3.28	0.75	6.95
West Gojam	100	55.9	31.74	0.03	7.87	0.2	4.2
Waghamera	100	51.13	35.1	-	10.26	0.11	3.39
Awi	100	67.85	22.39	0.04	5.85	0.27	3.45
Oromia	100	60.31	22.49	-	15.82	0.07	1.29
Oromia	100	68.58	24.04	0.06	2.34	1.38	3.52
West Wellega	100	88.21	7.62	-	0.1	0.83	3.19
East Wellega	100	86.35	9.34	0.1	0.64	0.79	2.73
Illubabor	100	91.52	4.68	-	0.04	0.36	3.36
Jimma	100	85.75	10.85	-	0.46	0.27	2.51
West Shewa	100	75.45	17.97	0.04	2.17	1.54	2.82
North Shewa	100	55.21	24.2	0.11	17.63	1.73	0.94
East Shewa	100	46.48	45.85	0.04	1.54	4.94	0.93
Arsi	100	61.35	30.55	0.1	1.26	3.17	3.36
West Harerghe	100	38.27	49.95	0.08	1.3	0.44	9.87
East Harerghe	100	38.86	46.99	0.09	4.77	1.3	7.97
Bale	100	81.53	15.35	0.01	0.08	1.94	0.95
Borena	100	87.63	9.7	0.01	0.14	0.17	2.35
South West Shewa	100	61.91	31.72	0.07	2.31	1.47	2.48
Guji	100	79.46	16.27	0.01	0.95	-	3.29
Kelem Wellega	100	81.92	10.23	0.01	0.76	1.53	5.49
Horoguduru Wellega	100	81.3	13.72	0.36	1.6	1.1	1.83
West Arsi	100	74.59	21.79	0.03	1.03	0.8	1.74

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	77.33	18.59	0.02	3.4	0.14	0.46
Shinele	100	82.16	13.79	-	-	0.97	3.09
Jijiga	100	71.49	23.75	0.03	4.2	0.13	0.32
Liben	100	92.09	5.63	-	1.83	0.02	0.4
Benshangul-Gumuz	100	86.89	7.49	0.02	1.91	0.88	2.6
Metekel	100	80.49	10.55	0.03	3.8	0.57	4.39
Asosa	100	89.84	6.07	0.01	0.83	1.42	1.51
Kemeshi	100	95.05	3.61	-	0.01	0.28	0.96
SNNP	100	72.25	21.48	0.07	1.39	1.1	3.65
Gurage	100	66.58	23.35	0.21	5.84	1.62	2.34
Hadiya	100	64.45	25.16	0.08	1.06	0.7	8.44
Kembata Tembaro	100	49.5	32.97	0.16	1.65	2.08	13.59
Sidama	100	71.27	25.23	0.16	0.35	1.01	1.94
Gedio	100	76.95	20.33	-	0.24	0.26	2.21
Wolayita	100	73.85	19.61	0.01	2.35	1.78	2.33
South Omo	100	83.57	13.22	-	0.09	0.03	2.81
Shaka	100	88.24	4.66	0.01	-	2.36	4.68
Kaffa	100	95.39	2.05	0.01	-	1.78	0.77
Gamo Gofa	100	70.97	22.99	0.03	0.54	0.24	5.18
Bench Maji	100	83.23	11.01	0.02	0.2	3.78	1.73
Yem Sp. Wereda	100	76.42	16.43	0.01	5.38	0.12	1.64
Amaro Sp. Wereda	100	77.58	21.82	0.12	0.02	0.01	0.43
Burji Sp. Wereda	100	75.77	20.33	-	0.32	0.05	3.4
Konso Sp. Wereda	100	51.29	37.36	-	2.64	0.24	8.1
Derashe Sp. Wereda	100	64.24	26.49	-	2.27	0.18	6.71
Dawro	100	82.71	12.8	-	0.46	0.05	3.98
Basketo Sp. Wereda	100	70.57	22.46	-	0.68	0.06	6.08
Konta Sp. Wereda	100	84.43	13.34	-	0.04	0.16	2.03
Silte	100	65.45	29.7	0.01	2.11	0.3	2.44
Alaba Sp. Wereda	100	60.01	37.92	-	0.33	0.34	1.31
Harari	100	38.32	49.94	-	1.18	6.72	3.78
Hundene	100	38.32	49.94	-	1.18	6.72	3.78
Addis Ababa	100	47.22	32.73	-	11.43	6.47	2.03
Zone 3	100	54.8	24.44	-	13.46	4.97	2.25
Zone 6	100	32.54	48.78	-	7.5	9.39	1.58
Dire Dawa	100	66.79	25.69	-	1.57	3.66	2.21

TABLE 3-29 - a: ANIMAL FEED PRACTICES OF PEASNT HOLDERS – NUMBER OF
HOLDERS REPORTING BY TYPE OF FEED, ZONE, AND REGION

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	10,768,882	9,017,395	60,922	3,036,816	992,003	3,007,903
Tigray	658,206	634,958	7,829	501,461	89,908	189,730
North West Tigray	128,561	123,367	2,429	102,247	28,708	28,977
Central Tigray	191,070	183,988	1,675	159,063	13,310	27,298
Eastern Tigray	102,359	102,200	1,043	74,257	7,593	53,750
Southern Tigray	177,189	170,832	2,030	126,948	23,987	63,098
Western Tigray	59,028	54,571	653	38,947	16,310	16,607
Afar	27,912	12,875	162	3,162	1,413	5,238
Zone 1	11,742	6,403	73	1,367	96	579
Zone 3	16,170	6,473	89	1,795	1,317	4,659
Amhara	3,002,745	2,791,494	21,949	1,683,238	163,182	906,237
North Gonder	425,173	365,632	4,548	272,576	33,652	92,463
South Gonder	366,202	359,765	5,557	254,914	49,484	73,288
North Wolo	283,375	271,609	835	159,187	2,773	77,174
South Wolo	469,959	449,743	3,113	366,809	3,372	35,591
North Shewa	361,670	337,409	1,411	228,923	34,441	103,932
East Gojam	404,124	368,221	5,454	84,197	27,593	248,439
West Gojam	383,120	363,039	525	163,287	8,430	194,297
Waghamera	73,255	68,303	-	44,090	699	5,414
Awi	164,811	147,595	506	61,135	2,536	70,218
Oromia	71,057	60,178	-	48,120	202	5,421
Oromia	4,353,365	3,413,072	18,605	612,297	479,133	1,097,088
West Wellega	187,690	84,089	-	1,748	9,514	47,278
East Wellega	186,569	88,035	1,745	4,353	10,736	47,430
Illubabor	202,293	74,143	-	410	7,961	68,615
Jimma	485,828	325,806	-	19,760	11,552	105,988
West Shewa	380,840	303,022	2,152	72,101	64,538	157,527
North Shewa	259,607	236,123	2,083	208,274	40,858	36,689
East Shewa	220,444	207,608	749	23,640	71,769	17,096
Arsi	449,261	416,951	3,694	45,225	105,403	94,615
West Harerghe	278,231	296,936	1,240	21,980	7,329	127,309
East Harerghe	367,870	431,411	1,486	117,558	35,844	134,188
Bale	249,897	173,204	544	1,887	42,371	20,631
Borena	163,789	69,723	143	908	2,242	38,298
South West Shewa	190,282	174,820	1,147	33,477	24,696	45,721
Guji	194,212	131,502	169	9,314	-	46,514
Kelem Wellega	107,504	61,722	108	7,571	9,183	31,413
Horoguduru Wellega	94,535	71,013	1,584	12,713	10,349	14,784
West Arsi	334,514	266,962	1,763	31,378	24,789	62,993

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	115,987	86,147	140	17,133	865	2,311
Shinele	5,060	2,470	-	-	309	1,575
Jijiga	80,651	72,880	140	13,200	464	614
Liben	30,277	10,797	-	3,933	91	122
Benshangul-Gumuz	116,665	42,602	189	10,012	6,432	21,044
Metekel	47,612	23,664	128	6,507	1,496	13,056
Asosa	49,147	14,319	61	3,472	4,806	6,426
Kemeshi	19,906	4,619	-	33	130	1,563
SNNP	2,457,159	1,999,305	12,048	204,696	239,765	778,970
Gurage	243,221	220,223	3,877	78,657	31,720	71,316
Hadiya	202,194	194,720	623	16,964	8,314	130,906
Kembata Tembaro	113,234	109,397	1,833	11,289	17,575	97,147
Sidama	478,583	428,463	3,974	12,443	36,343	94,429
Gedio	105,610	71,680	-	1,658	2,464	15,182
Wolayita	283,963	248,394	217	39,416	37,922	70,081
South Omo	82,477	49,090	126	811	370	19,109
Shaka	25,701	5,211	17	-	8,874	6,181
Kaffa	165,042	46,254	294	-	47,622	31,681
Gamo Gofa	269,408	207,673	499	10,522	3,829	81,319
Bench Maji	114,841	78,187	233	1,085	40,051	30,638
Yem Sp. Wereda	15,072	12,778	26	4,398	109	3,377
Amaro Sp. Wereda	26,236	22,367	190	43	39	872
Burji Sp. Wereda	8,257	6,812	-	334	31	2,306
Konso Sp. Wereda	31,170	33,881	-	4,510	355	16,926
Derashe Sp. Wereda	19,036	18,102	-	2,100	343	11,469
Dawro	76,972	65,258	-	2,821	220	56,176
Basketo Sp. Wereda	9,679	8,430	-	282	63	3,306
Konta Sp. Wereda	17,772	12,553	-	89	128	5,007
Silte	135,407	127,616	139	16,474	2,837	29,047
Alaba Sp. Wereda	33,284	32,217	-	801	557	2,494
Harari	13,399	15,619	-	789	4,933	2,498
Hundene	13,399	15,619	-	789	4,933	2,498
Addis Ababa	5,623	5,063	-	3,059	2,214	820
Zone 3	3,798	3,279	-	2,251	1,316	683
Zone 6	1,825	1,785	-	809	898	137
Dire Dawa	17,821	16,259	-	968	4,159	3,966

TABLE 3-29 - b: NUMBER OF HOLDERS REPORTING ANIMAL FEED BY SOURCE OF FEED, ZONE, AND REGION

1. Green Fodder

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	3,803,693	172,059	3,451,225	3,062,541	266,652
Tigray	81,683	2,184	424,360	146,008	1,672
North West Tigray	1,395	146	112,791	13,873	-
Central Tigray	29,751	372	110,860	49,039	359
Eastern Tigray	43,037	1,519	35,187	21,778	708
Southern Tigray	6,364	147	131,382	37,567	604
Western Tigray	1,136	-	34,141	23,750	-
Afar	2,496	70	20,851	4,352	143
Zone 1	461	-	9,645	1,541	95
Zone 3	2,035	70	11,206	2,812	48
Amhara	783,275	37,015	1,214,578	909,458	55,001
North Gonder	58,751	1,824	255,944	107,256	1,397
South Gonder	61,246	1,874	162,892	138,330	1,625
North Wolo	119,629	5,688	70,325	87,513	220
South Wolo	293,039	16,387	62,887	93,229	2,730
North Shewa	181,252	5,858	39,410	96,508	38,641
East Gojam	14,869	1,393	281,072	105,227	515
West Gojam	15,565	836	189,917	175,370	1,230
Waghamera	5,424	212	59,119	5,626	2,785
Awı	6,415	573	75,307	79,143	3,215
Oromia	27,084	2,368	17,704	21,258	2,643
Oromia	1,573,590	100,385	1,329,551	1,198,749	147,273
West Wellega	11,425	670	100,825	74,569	201
East Wellega	45,315	3,694	98,284	36,711	2,388
Illubabor	49,477	371	93,117	54,458	4,681
Jimma	164,086	1,813	144,771	160,940	14,219
West Shewa	177,591	27,594	42,227	94,509	38,434
North Shewa	141,676	18,476	38,863	38,750	21,556
East Shewa	118,521	4,027	50,957	42,902	4,036
Arsi	176,542	27,884	91,570	125,289	26,975
West Harerghe	130,318	1,087	89,723	55,656	1,445
East Harerghe	139,869	1,601	147,815	76,531	1,320
Bale	56,839	2,447	100,701	81,608	8,017
Borena	30,978	171	104,893	26,366	1,382
South West Shewa	88,019	4,842	27,265	57,608	12,065
Guji	73,603	406	60,216	59,811	178
Kelem Wellega	11,285	128	67,980	28,110	-
Horoguduru Wellega	19,484	2,161	38,183	34,438	91
West Arsi	138,563	3,014	32,160	150,493	10,284

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	29,272	319	55,976	25,442	4,857
Shinele	53	-	2,166	29	2,806
Jijiga	28,930	319	31,076	20,325	-
Liben	289	-	22,734	5,088	2,051
Benshangul-Gumuz	5,241	117	87,165	23,057	214
Metekel	1,104	-	39,137	7,219	-
Asosa	3,906	-	34,104	10,454	-
Kemeshi	230	117	13,923	5,384	214
SNNP	1,317,041	31,640	299,494	750,302	56,543
Gurage	98,008	507	17,303	125,715	1,413
Hadiya	125,952	223	2,406	70,323	3,290
Kembata Tembaro	52,705	114	3,408	54,477	2,529
Sidama	292,919	6,085	62,710	110,494	5,895
Gedio	78,124	780	8,247	15,782	2,374
Wolayita	129,054	16,750	8,782	124,330	4,836
South Omo	31,018	1,315	29,546	15,741	4,542
Shaka	16,744	62	3,933	4,077	747
Kaffa	120,286	959	13,597	8,948	21,119
Gamo Gofa	113,236	3,101	76,749	75,217	907
Bench Maji	71,629	170	18,913	23,103	1,026
Yem Sp. Wereda	9,415	308	2,627	2,348	350
Amaro Sp. Wereda	10,425	-	8,309	6,434	1,068
Burji Sp. Wereda	278	31	6,212	1,737	-
Konso Sp. Wereda	11,953	183	11,466	6,684	824
Derashe Sp. Wereda	2,122	-	13,616	3,224	75
Dawro	34,034	531	7,854	32,914	1,639
Basketo Sp. Wereda	4,966	36	2,940	1,658	79
Konta Sp. Wereda	11,088	-	85	5,399	1,201
Silte	82,582	486	478	49,289	2,572
Alaba Sp. Wereda	20,503	-	314	12,410	57
Harari	7,318	28	4,179	1,854	19
Hundene	7,318	28	4,179	1,854	19
Addis Ababa	3,103	300	397	873	904
Zone 3	2,104	224	230	660	534
Zone 6	999	76	167	213	370
Dire Dawa	675	-	14,674	2,445	27

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	8,004,176	138,494	103,898	619,914	133,928
Tigray	512,017	7,492	3,181	105,545	4,926
North West Tigray	111,849	768	830	9,380	258
Central Tigray	137,663	712	641	43,714	706
Eastern Tigray	77,502	1,963	789	20,568	1,155
Southern Tigray	141,221	2,062	773	23,366	2,673
Western Tigray	43,783	1,987	147	8,518	135
Afar	10,252	223	1,765	456	94
Zone 1	6,171	8	87	88	33
Zone 3	4,081	215	1,679	367	61
Amhara	2,442,220	48,058	11,446	243,922	41,174
North Gonder	319,139	10,692	1,396	32,990	1,415
South Gonder	319,914	4,263	1,258	29,968	3,960
North Wolo	230,664	4,114	236	35,886	253
South Wolo	373,850	9,481	2,601	59,274	2,446
North Shewa	269,870	3,479	2,272	47,166	14,621
East Gojam	341,093	5,492	1,876	13,354	5,326
West Gojam	342,633	2,690	823	8,505	7,923
Waghamera	60,161	1,597	183	5,984	378
Awi	129,785	4,220	352	8,672	4,386
Oromia	55,111	2,030	448	2,123	466
Oromia	3,077,788	47,433	54,839	159,746	67,097
West Wellega	68,223	488	1,883	13,294	201
East Wellega	80,656	542	4,870	616	738
Illubabor	71,084	414	393	1,252	362
Jimma	317,075	3,189	1,908	1,537	2,097
West Shewa	264,782	4,535	2,834	13,970	15,938
North Shewa	187,608	11,107	3,869	17,802	14,999
East Shewa	185,204	3,628	1,957	10,519	6,301
Arsi	363,068	8,041	6,103	28,473	10,967
West Harerghe	267,806	1,989	11,755	13,145	2,242
East Harerghe	404,242	765	4,016	18,680	2,317
Bale	163,765	2,004	2,000	3,315	2,120
Borena	63,803	2,535	648	2,508	-
South West Shewa	161,528	1,749	1,586	5,715	4,093
Guji	121,600	-	4,151	5,330	178
Kelem Wellega	51,156	1,735	2,406	5,923	-
Horoguduru Wellega	56,687	2,634	3,639	7,947	-
West Arsi	249,501	2,078	823	9,720	4,544

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	79,409	3,947	880	1,415	427
Shinele	2,225	42	-	70	133
Jijiga	68,712	2,510	839	510	240
Liben	8,472	1,394	42	835	54
Benshangul-Gumuz	39,358	549	1,117	817	273
Metekel	22,526	203	333	149	273
Asosa	13,290	212	639	-	-
Kemeshi	3,542	135	145	668	-
SNNP	1,808,356	30,298	30,495	107,272	19,235
Gurage	210,305	421	4,517	4,128	577
Hadiya	180,440	168	1,306	10,553	2,062
Kembata Tembaro	100,234	454	116	6,661	1,933
Sidama	385,829	12,644	1,136	26,755	1,181
Gedio	57,462	2,323	2,844	7,641	1,411
Wolayita	202,057	10,693	5,395	25,828	3,958
South Omo	44,106	642	631	2,487	900
Shaka	4,420	158	17	400	167
Kaffa	42,373	526	150	221	2,852
Gamo Gofa	187,106	1,103	9,976	7,528	1,348
Bench Maji	74,768	303	854	2,262	-
Yem Sp. Wereda	11,747	-	184	601	175
Amaro Sp. Wereda	21,628	49	349	306	35
Burji Sp. Wereda	6,594	28	29	118	28
Konso Sp. Wereda	31,894	129	700	790	248
Derashe Sp. Wereda	16,386	51	934	446	239
Dawro	54,192	387	744	9,166	529
Basketo Sp. Wereda	8,086	-	194	110	40
Konta Sp. Wereda	12,047	31	-	120	291
Silte	124,915	125	297	889	1,263
Alaba Sp. Wereda	31,769	63	123	263	-
Harari	14,837	28	90	562	76
Hundene	14,837	28	90	562	76
Addis Ababa	4,260	319	8	155	321
Zone 3	2,793	146	8	136	195
Zone 6	1,468	173	-	18	125
Dire Dawa	15,679	146	76	25	305

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	37,507	17,269	1,699	1,744	550
Tigray	5,457	1,729	132	-	-
North West Tigray	1,826	471	132	-	-
Central Tigray	1,492	183	-	-	-
Eastern Tigray	422	621	-	-	-
Southern Tigray	1,366	152	-	-	-
Western Tigray	352	301	-	-	-
Afar	73	44	22	-	24
Zone 1	50	-	-	-	24
Zone 3	23	44	22	-	-
Amhara	15,652	4,695	-	862	291
North Gonder	3,960	296	-	292	-
South Gonder	4,290	1,267	-	-	-
North Wolo	835	-	-	-	-
South Wolo	2,411	398	-	304	-
North Shewa	564	581	-	267	-
East Gojam	3,315	1,568	-	-	291
West Gojam	278	247	-	-	-
Waghamera	-	-	-	-	-
Awi	-	337	-	-	-
Oromia	-	-	-	-	-
Oromia	6,936	9,418	446	813	235
West Wellega	-	-	-	-	-
East Wellega	1,563	183	-	-	-
Illubabor	-	-	-	-	-
Jimma	-	-	-	-	-
West Shewa	634	1,517	-	-	-
North Shewa	553	1,294	-	-	235
East Shewa	-	550	-	-	-
Arsi	1,433	1,932	-	329	-
West Harerghe	505	735	-	-	-
East Harerghe	328	761	-	397	-
Bale	-	284	-	-	-
Borena	143	-	-	-	-
South West Shewa	862	285	-	-	-
Guji	169	-	-	-	-
Kelem Wellega	108	-	-	-	-
Horoguduru Wellega	368	683	446	87	-
West Arsi	270	1,194	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	-	70	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	70	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	61	59	-	68	-
Metekel	-	59	-	68	-
Asosa	61	-	-	-	-
Kemeshi	-	-	-	-	-
SNNP	9,328	1,255	1,099	-	-
Gurage	3,453	231	-	-	-
Hadiya	441	-	182	-	-
Kembata Tembaro	1,602	230	-	-	-
Sidama	2,404	793	778	-	-
Gedio	-	-	-	-	-
Wolayita	217	-	-	-	-
South Omo	-	-	-	-	-
Shaka	17	-	-	-	-
Kaffa	294	-	-	-	-
Gamo Gofa	499	-	-	-	-
Bench Maji	233	-	-	-	-
Yem Sp. Wereda	26	-	-	-	-
Amaro Sp. Wereda	143	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	-	-	139	-	-
Alaba Sp. Wereda	-	-	-	-	-
Harari	-	-	-	-	-
Hundene	-	-	-	-	-
Addis Ababa	-	-	-	-	-
Zone 3	-	-	-	-	-
Zone 6	-	-	-	-	-
Dire Dawa	-	-	-	-	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	2,027,947	420,079	58,407	456,625	62,986
Tigray	368,677	29,006	10,751	87,226	4,013
North West Tigray	80,002	3,558	6,236	12,315	-
Central Tigray	108,479	8,693	1,565	38,966	1,016
Eastern Tigray	50,330	7,569	906	14,642	679
Southern Tigray	107,635	1,369	959	13,758	2,049
Western Tigray	22,232	7,817	1,085	7,545	269
Afar	474	110	2,354	208	-
Zone 1	345	43	962	-	-
Zone 3	129	67	1,392	208	-
Amhara	1,100,034	240,204	33,390	274,107	30,051
North Gonder	182,986	46,424	5,975	34,905	1,874
South Gonder	147,257	58,220	2,644	45,597	925
North Wolo	110,260	10,273	2,968	34,963	484
South Wolo	236,986	52,463	5,006	66,366	2,842
North Shewa	147,519	14,068	1,672	49,743	15,921
East Gojam	54,928	14,247	4,341	10,681	-
West Gojam	108,898	24,849	7,149	17,401	4,444
Waghamera	34,972	938	3,156	4,932	91
Awi	40,090	12,899	-	4,523	2,785
Oromia	36,137	5,823	479	4,996	685
Oromia	406,304	107,734	8,896	60,150	26,973
West Wellega	1,748	-	-	-	-
East Wellega	3,449	904	-	-	-
Illubabor	410	-	-	-	-
Jimma	17,212	926	306	926	390
West Shewa	46,109	14,730	2,115	2,789	5,757
North Shewa	121,268	35,737	4,254	31,150	14,848
East Shewa	10,828	6,801	181	4,704	1,128
Arsi	26,394	7,798	561	7,702	2,770
West Harerghe	14,040	7,940	-	-	-
East Harerghe	97,897	15,055	328	4,278	-
Bale	755	1,131	-	-	-
Borena	270	637	-	-	-
South West Shewa	25,556	4,562	145	1,606	1,454
Guji	8,456	173	338	173	-
Kelem Wellega	5,782	1,456	109	223	-
Horo guduru Wellega	7,986	3,307	279	1,141	-
West Arsi	18,144	6,575	279	5,458	626

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	10,601	3,460	231	2,666	-
Shinele	-	-	-	-	-
Jijiga	10,350	1,414	231	1,030	-
Liben	252	2,046	-	1,635	-
Benshangul-Gumuz	7,565	309	492	1,373	273
Metekel	5,565	309	195	164	273
Asosa	1,966	-	296	1,209	-
Kemeshi	33	-	-	-	-
SNNP	131,238	38,359	2,244	30,378	1,412
Gurage	49,181	13,489	218	15,077	-
Hadiya	13,446	2,715	-	394	230
Kembata Tembaro	7,543	2,066	-	1,681	-
Sidama	8,831	3,198	-	-	414
Gedio	1,039	486	-	133	-
Wolayita	17,080	12,734	656	8,947	-
South Omo	393	-	56	79	157
Shaka	-	-	-	-	-
Kaffa	-	-	-	-	-
Gamo Gofa	8,160	1,343	852	167	-
Bench Maji	1,085	-	-	-	-
Yem Sp. Wereda	3,333	157	27	835	-
Amaro Sp. Wereda	-	-	-	43	-
Burji Sp. Wereda	79	-	256	-	-
Konso Sp. Wereda	3,648	862	-	-	-
Derashe Sp. Wereda	1,540	-	83	477	-
Dawro	1,640	73	-	1,108	-
Basketo Sp. Wereda	119	-	65	76	-
Konta Sp. Wereda	58	-	31	-	-
Silte	13,362	1,137	-	1,363	611
Alaba Sp. Wereda	701	99	-	-	-
Harari	717	51	-	20	-
Hundene	717	51	-	20	-
Addis Ababa	1,661	818	19	289	264
Zone 3	1,259	601	8	225	157
Zone 6	402	216	10	64	107
Dire Dawa	675	28	30	208	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	512,323	406,234	3,668	46,638	14,678
Tigray	68,558	14,553	1,179	4,422	649
North West Tigray	21,840	5,707	418	742	-
Central Tigray	12,359	197	-	655	-
Eastern Tigray	5,598	992	281	722	-
Southern Tigray	19,748	1,670	390	1,083	649
Western Tigray	9,013	5,987	89	1,220	-
Afar	64	1,268	-	67	14
Zone 1	43	39	-	-	14
Zone 3	21	1,229	-	67	-
Amhara	89,402	67,588	284	3,414	564
North Gonder	18,356	14,288	284	-	-
South Gonder	37,937	8,790	-	2,162	-
North Wolo	2,094	474	-	205	-
South Wolo	1,345	1,724	-	304	-
North Shewa	5,451	28,152	-	-	564
East Gojam	20,339	6,264	-	653	-
West Gojam	1,870	6,560	-	-	-
Waghamera	699	-	-	-	-
Awi	1,200	1,337	-	-	-
Oromia	112	-	-	90	-
Oromia	200,920	229,331	808	32,496	10,918
West Wellega	7,389	211	-	1,054	390
East Wellega	8,719	723	-	1,295	-
Illubabor	7,865	-	-	-	-
Jimma	7,006	3,191	-	-	1,006
West Shewa	35,678	19,581	-	5,741	3,031
North Shewa	18,103	16,250	282	3,092	2,314
East Shewa	6,838	62,983	383	413	409
Arsi	47,573	51,537	-	3,136	2,568
West Harerghe	1,990	4,563	-	511	-
East Harerghe	12,086	22,567	-	1,191	-
Bale	10,013	26,702	-	4,872	498
Borena	2,096	146	-	-	-
South West Shewa	17,092	5,303	143	1,872	286
Guji	-	-	-	-	-
Kelem Wellega	6,845	1,895	-	335	-
Horoguduru Wellega	7,991	1,333	-	794	146
West Arsi	3,637	12,347	-	8,192	270

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	226	393	245	-	-
Shinele	7	302	-	-	-
Jijiga	219	-	245	-	-
Liben	-	91	-	-	-
Benshangul-Gumuz	5,890	285	97	78	-
Metekel	1,319	177	-	-	-
Asosa	4,474	108	63	78	-
Kemeshi	97	-	34	-	-
SNNP	147,040	81,803	1,034	6,151	2,516
Gurage	25,158	5,617	-	945	-
Hadiya	4,341	3,973	-	-	-
Kembata Tembaro	5,869	10,598	-	561	324
Sidama	1,506	34,087	-	751	-
Gedio	1,220	969	-	276	-
Wolayita	18,400	18,729	221	572	-
South Omo	166	79	-	-	-
Shaka	5,556	2,410	-	123	660
Kaffa	46,441	-	-	739	442
Gamo Gofa	2,891	289	-	-	649
Bench Maji	33,516	2,645	723	2,010	408
Yem Sp. Wereda	109	-	-	-	-
Amaro Sp. Wereda	39	-	-	-	-
Burji Sp. Wereda	-	15	16	-	-
Konso Sp. Wereda	-	355	-	-	-
Derashe Sp. Wereda	296	-	-	47	-
Dawro	147	-	73	-	-
Basketo Sp. Wereda	63	-	-	-	-
Konta Sp. Wereda	95	-	-	-	33
Silte	1,114	1,594	-	129	-
Alaba Sp. Wereda	114	443	-	-	-
Harari	69	4,864	-	-	-
Hundene	69	4,864	-	-	-
Addis Ababa	108	2,060	-	10	18
Zone 3	71	1,225	-	10	9
Zone 6	36	834	-	-	9
Dire Dawa	46	4,091	22	-	-

TABLE 3 – 30: ESTIMATED NUMBER OF HOLDERS PRACTICED LIVESTOCK EXTENSION PACKAGES DURING THE REFERENCE PERIOD BY ZONE AND REGION

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Ethiopia	51,206	53,332	50,385	23,123	15,172
Tigray	34,567	26,217	4,460	8,310	11,456
North West Tigray	9,891	8,635	783	483	1,750
Central Tigray	10,374	10,416	1,931	2,880	2,708
Eastern Tigray	5,250	2,978	386	4,373	4,362
Southern Tigray	8,084	3,600	1,361	574	2,484
Western Tigray	968	587	-	-	152
Afar	-	15	47	-	-
Zone 1	-	15	47	-	-
Zone 3	-	-	-	-	-
Amhara	2,930	19,015	4,027	10,740	1,191
North Gondar	1,296	983	809	288	-
South Gondar	336	2,349	-	1,007	-
North Wolo	-	1,275	219	1,806	-
South Wolo	372	1,062	-	3,105	-
North Shewa	-	267	-	-	-
East Gojam	927	7,686	845	1,794	822
West Gojam	-	4,587	1,451	1,421	288
Waghamera	-	-	-	717	81
Awi	-	805	703	518	-
Oromia	-	-	-	84	-
Oromia	12,400	6,534	35,272	1,987	2,138
West Wellega	291	256	1,605	-	-
East Wellega	-	204	993	349	-
Illubabor	-	-	3,029	379	-
Jimma	-	-	6,446	285	285
West Shewa	-	1,442	812	-	300
North Shewa	998	977	1,666	-	-
East Shewa	392	-	2,562	-	352
Arsi	4,213	669	4,870	-	329
West Harerghe	-	-	2,517	715	-
East Harerghe	-	1,604	2,402	-	-
Bale	378	-	2,414	260	-
Borena	148	452	3,064	-	-
South West Shewa	178	-	201	-	-
Guji	-	-	-	-	-
Kelem Wellega	-	-	584	-	-
Horoguduru Wellega	-	107	756	-	-
West Arsi	5,801	823	1,350	-	872

TABLE 3 – 30 CONT'D

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	-	-	207	-	-
Metekel	-	-	-	-	-
Asosa	-	-	175	-	-
Kemeshi	-	-	32	-	-
SNNP	1,309	1,481	6,289	2,086	387
Gurage	-	386	1,047	775	-
Hadiya	-	-	-	545	-
Kembata Tembaro	218	-	-	-	110
Sidama	-	-	269	392	-
Gedio	131	131	-	-	-
Wolayita	-	505	456	-	-
South Omo	-	-	446	-	-
Shaka	-	-	321	167	-
Kaffa	315	155	1,619	-	157
Gamo Gofa	469	-	216	-	-
Bench Maji	-	304	1,193	-	-
Yem Sp. Wereda	23	-	72	-	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	-	111	-	-
Konso Sp. Wereda	-	-	60	-	-
Derashe Sp. Wereda	-	-	40	-	-
Dawro	-	-	80	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	140	-	-
Silte	153	-	162	149	-
Alaba Sp. Wereda	-	-	56	57	120
Harari	-	-	-	-	-
Hundene	-	-	-	-	-
Addis Ababa	-	-	23	-	-
Zone 3	-	-	23	-	-
Zone 6	-	-	-	-	-
Dire Dawa	-	70	61	-	-

PART II – ESTIMATES FOR RESETTLEMENT AREAS

TABLES 4.1– 4.15

Part II - Resettlement Areas

TABLE 4-1: NUMBER OF LIVESTOCK BY TYPE OF ANIMAL AND REGION

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Ethiopia	117,267	15,514	136,335	*	12,213	41	1,199	241,647	13,790
Tigray	29,775	986	19,356	-	2,696	-	1,091	20,681	*
Amhara	14,586	1,175	12,267	-	4,097	*	*	33,570	598
Oromia	50,981	11,168	93,410	*	5,043	*	*	127,025	10,591
Benshangul-Gumuz	10	48	72	-	8	-	-	193	587
SNNP	21,915	2,138	11,231	-	369	23	-	60,178	1,986

TABLE 4-2: NUMBER OF CATTLE BY AGE AND SEX OF ANIMAL, AND REGION

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over
Ethiopia	117,267	4,650	3,262	9,598	51,894	697	4,923	3,628	6,844	30,990	781
Tigray	29,775	1,877	992	1,870	6,927	390	2,190	1,316	2,532	11,137	544
Amhara	14,586	881	594	944	5,356	*	666	714	601	4,532	190
Oromia	50,981	1,289	1,246	5,453	28,365	*	1,453	988	2,518	9,562	*
Benshangul-Gumuz	10	-	-	*	*	-	-	-	*	-	-
SNNP	21,915	603	430	1,327	11,243	*	614	609	1,191	5,758	*

TABLE 4-3: NUMBER OF SHEEP BY AGE AND SEX OF ANIMAL, AND REGION

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Ethiopia	15,514	2,608	593	634	523	2,387	1,010	1,405	6,355
Tigray	986	53	52	*	*	104	110	91	561
Amhara	1,175	*	*	*	211	*	*	*	*
Oromia	11,168	2,121	262	494	137	1,907	670	944	4,632
Benshangul-Gumuz	48	7	*	1	*	5	2	8	18
SNNP	2,138	234	128	134	159	340	150	243	749

TABLE 4-4: NUMBER OF GOATS BY AGE AND SEX OF ANIMAL, AND REGION

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
Ethiopia	136,335	21,766	7,999	4,703	5,234	22,918	10,435	11,910	51,370
Tigray	19,356	2,653	942	457	803	2,597	2,027	2,168	7,708
Amhara	12,267	1,786	759	370	714	1,748	956	1,318	4,616
Oromia	93,410	16,085	5,688	3,331	2,990	17,196	6,593	7,512	34,016
Benshangul-Gumuz	72	11	8	6	-	8	5	10	23
SNNP	11,231	1,231	603	539	727	1,370	853	901	5,006

TABLE 4-5: CATTLE AGED 3 – 10 YEARS BY SEX, PURPOSE, AND REGION

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Ethiopia	82,884	48,581	1,412	844	1,057	8,694	63	120	21,515	598
Tigray	18,064	6,545	*	327	*	377	*	*	10,718	-
Amhara	9,888	5,116	-	*	*	1,030	-	*	3,485	-
Oromia	37,927	26,686	1,244	109	325	3,909	*	57	5,357	*
Benshangul-Gumuz	*	*	-	-	-	-	-	-	-	-
SNNP	17,001	10,230	137	288	588	3,378	*	27	1,955	390

TABLE 4-6: SHEEP AGED 2 YEARS AND OLDER BY SEX, PURPOSE, AND REGION

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	6,878	175	1	305	42	23	13	6,307	12
Tigray	573	-	-	*	-	-	-	561	-
Amhara	606	*	-	*	-	-	-	395	-
Oromia	4,769	*	-	*	*	23	13	4,585	12
Benshangul-Gumuz	21	*	1	-	-	-	-	18	-
SNNP	909	95	-	*	*	-	-	749	-

TABLE 4-7: GOATS AGED 2 YEARS AND OLDER BY SEX, PURPOSE, AND REGION

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Milk	Meat	Breeding	Other
Ethiopia	56,604	1,179	3,916	140	1,984	308	48,935	*
Tigray	8,511	*	616	*	*	*	7,444	-
Amhara	5,330	*	*	*	-	-	4,536	*
Oromia	37,006	639	2,299	*	1,834	*	32,078	*
Benshangul-Gumuz	23	-	-	-	-	-	23	-
SNNP	5,733	*	441	-	*	*	4,854	*

TABLE 4-8: NUMBER OF HORSES AND DONKEYS BY AGE AND SEX OF ANIMAL, AND REGION

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	*	*	*	*	-	12,213	854	9,415	353	1,591
Tigray	-	-	-	-	-	2,696	237	1,797	191	471
Amhara	-	-	-	-	-	4,097	269	3,822	-	*
Oromia	*	*	*	*	-	5,043	308	3,612	127	997
Benshangul-Gumuz	-	-	-	-	-	8	4	*	-	-
SNNP	-	-	-	-	-	369	36	180	*	118

TABLE 4-9: NUMBER OF MULES AND CAMELS BY AGE AND SEX OF ANIMAL AND REGION

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Ethiopia	41	-	20	*	*	1,199	102	1,098	-	-
Tigray	-	-	-	-	-	1,091	84	1,007	-	-
Amhara	*	-	-	-	*	*	-	*	-	-
Oromia	*	-	*	-	*	*	*	-	-	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
SNNP	23	-	*	*	*	-	-	-	-	-

TABLE 4-10: POULTRY INVENTORY BY TYPE AND REGION

a.. All

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	241,647	25,063	17,158	30,887	10,204	90,176	68,160
Tigray	20,681	1,312	1,779	2,364	1,589	9,335	4,302
Amhara	33,570	2,312	2,134	3,102	1,972	16,602	7,448
Oromia	127,025	14,540	7,958	16,626	4,499	40,583	42,819
Benshangul-Gumuz	193	23	6	13	14	77	60
SNNP	60,178	6,876	5,280	8,783	2,129	23,579	13,530

b. Indigenous

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	226,464	22,578	15,591	28,057	9,592	87,139	63,507
Tigray	19,049	1,233	1,653	2,156	1,386	8,769	3,851
Amhara	32,663	2,261	2,103	3,040	1,900	16,089	7,271
Oromia	118,824	12,517	7,718	15,808	4,172	39,423	39,185
Benshangul-Gumuz	193	23	6	13	14	77	60
SNNP	55,736	6,545	4,110	7,040	2,120	22,781	13,140

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	11,343	1,843	1,229	1,958	588	2,949	2,775
Tigray	1,565	78	124	203	*	559	398
Amhara	*	*	*	*	*	*	177
Oromia	5,593	1,459	207	620	306	1,099	1,903
Benshangul-Gumuz	-	-	-	-	-	-	-
SNNP	3,287	265	867	1,072	*	777	297

d. Exotic

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	3,840	641	338	873	*	88	1,878
Tigray	67	-	*	5	*	*	53
Amhara	*	*	-	-	-	-	-
Oromia	2,608	564	*	*	*	*	1,731
Benshangul-Gumuz	-	-	-	-	-	-	-
SNNP	1,155	67	304	671	-	*	93

TABLE 4-11: BEEHIVE INVENTORY AND PRODUCTION OF HONEY BY TYPE AND REGION

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Ethiopia	13,790	76,137	12,664	1.54	63,106	167	1.56	*	958	1.42	*
Tigray	*	*	*	*	*	-	-	-	-	-	-
Amhara	598	8,110	536	2.13	*	*	*	*	-	-	-
Oromia	10,591	54,680	9,539	1.47	42,532	94	*	*	958	1.42	*
Benshangul-Gumuz	587	1,690	587	1.22	1,690	-	-	-	-	-	-
SNNP	1,986	11,460	1,974	1.8	11,321	*	*	*	-	-	-

TABLE 4-12: NUMBER OF DAIRY ANIMALS, MILK PRODUCTION, AND LACTATION PERIOD BY REGION

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Ethiopia	8,694	17,038	1.422	5	4,597,882	-	476	-	-	-
Tigray	377	5,988	1.769	4	1,748,095	-	476	-	-	-
Amhara	1,030	2,947	1.331	4	601,212	-	-	-	-	-
Oromia	3,909	5,540	1.342	6	1,628,529	-	-	-	-	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
SNNP	3,378	2,563	1.146	5	620,047	-	-	-	-	-

TABLE 4-13: TOTAL EGG PRODUCTION BY REGION

a. Indigenous

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	63,507	4	20	12	350,001
Tigray	3,851	4	17	13	22,324
Amhara	7,271	3	18	11	35,779
Oromia	39,185	4	21	12	214,613
Benshangul-Gumuz	60	6	18	12	679
SNNP	13,140	4	21	12	76,606

b. Hybrid

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	2,775	4	35	33	30,315
Tigray	398	4	19	16	1,861
Amhara	177	*	*	*	*
Oromia	1,903	4	38	36	23,933
Benshangul-Gumuz	-	-	-	-	-
SNNP	297	4	30	26	2,952

c. Exotic

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	1,878	1	49	46	22,926
Tigray	53	*	*	*	*
Amhara	-	-	-	-	-
Oromia	1,731	1	50	47	20,870
Benshangul-Gumuz	-	-	-	-	-
SNNP	93	*	27	27	912

TABLE 4 – 14: ESTIMATED NUMBER OF VACCINATED, AFFLICTED AND TREATED LIVESTOCK

a. Cattle

Geographic Area	Vaccinated	Afflicted	Treated
Ethiopia	69,549	31,604	21,197
Tigray	10,008	1,808	598
Amhara	6,499	2,730	1,686
Oromia	41,997	17,204	11,454
Benshangul-Gumuz	-	*	-
SNNP	11,044	9,858	7,459

b. Sheep and Goats

Geographic Area	Sheep			Goats		
	Vaccinated	Afflicted	Treated	Vaccinated	Afflicted	Treated
Ethiopia	2,117	5,394	2,089	34,262	52,131	21,829
Tigray	792	279	*	6,296	2,743	1,159
Amhara	*	*	*	*	2,044	788
Oromia	1,121	4,255	1,662	26,286	43,681	18,597
Benshangul-Gumuz	-	44	*	15	44	*
SNNP	*	753	133	791	3,618	1,265

TABLE 4 – 15: ESTIMATED NUMBER OF HOLDERS PRACTICED LIVESTOCK EXTENSION PACKAGES DURING THE REFERENCE PERIOD BY REGION

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Ethiopia	175	74	1,995	387	107
Tigray	175	2	4	4	-
Amhara	-	10	16	-	-
Oromia	-	62	1,487	383	107
Benshangul-Gumuz	-	-	-	-	-
SNNP	-	-	488	-	-

**ANNEX TABLES PRESENTING
ESTIMATES, STANDARD ERRORS, AND COEFFICIENTS OF VARIATION
FOR
SELECTED LIVESTOCK VARIABLES**

[Annex Tables 1 –10]

Annex Table 1- Estimates of Livestock, Standard Errors and Coefficients of Variation by Type, and Region

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	43,124,582	607,726	1.41	23,633,010	645,672	2.73	18,559,730	605,837	3.26
Tigray	2,952,182	134,478	4.56	973,486	88,367	9.08	2,771,267	180,360	6.51
Afar	447,980	78,477	17.52	247,597	47,015	18.99	627,897	117,629	18.73
Amhara	10,497,638	302,973	2.89	8,237,078	457,699	5.56	5,152,809	323,274	6.27
Oromia.....	19,714,196	411,301	2.09	9,275,727	384,680	4.15	5,880,688	252,992	4.3
Somali	608,206	63,253	10.4	714,685	95,235	13.33	1,062,084	131,697	12.4
Benshangul-Gumuz.....	322,673	34,635	10.73	89,103	8,696	9.76	339,527	30,826	9.08
SNNP	8,476,028	280,888	3.31	4,031,668	200,447	4.97	2,549,982	365,263	14.32
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari.....	37,518	3,851	10.26	4,265	611	14.33	34,450	2,432	7.06
Addis Ababa.....	29,205	1,162	3.98	10,735	839	7.82	3,695	482	13.04
Dire Dawa	38,955	3,375	8.66	48,666	8,941	18.37	137,330	21,084	15.35

Annex Table 1-Cont'd

Geographic Area	HORSES			DONKEYS			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	1,655,383	85,521	5.17	325,700	14,485	4.45	4,498,385	81,053	1.8	616,396	79,746	12.9
Tigray.....	2,270	790	34.8	7,247	1,323	18.26	437,394	18,958	4.33	34,885	8,944	25.64
Afar	27	18	67.97	157	65	41.03	11,892	1,974	16.6	143,750	34,837	24.23
Amhara	283,813	34,022	11.99	92,796	9,265	9.98	1,544,046	47,553	3.08	32,002	8,003	25.01
Oromia	1,045,557	72,743	6.96	160,541	10,294	6.41	2,059,718	60,299	2.93	131,259	26,687	20.33
Somali	-	-	-	100	87	86.59	98,460	8,643	8.78	264,239	65,427	24.76
Benshangul-Gumuz	759	442	58.28	1,414	432	30.53	39,708	3,162	7.96	-	-	-
SNNP	322,323	29,395	9.12	63,046	4,007	6.36	283,469	14,887	5.25	-	-	-
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	-	-	-	6,832	971	14.22	1,951	1,173	60.13
Addis Ababa	579	80	13.83	398	68	17.02	6,091	298	4.9	-	-	-
Dire Dawa.....	55	52	94.9	-	-	-	10,775	1,326	12.3	8,311	2,722	32.75

Annex Table 2- Estimates of Cattle, Standard Errors and Coefficients of Variation by Age group, and Region

Male Cattle

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,005,072	40,608	2.03	1,706,860	35,080	2.06	2,968,480	55,252	1.86	11,802,218	159,803	1.35	747,333	34,059	4.56
Tigray.....	147,620	10,972	7.43	86,410	7,269	8.41	204,769	11,329	5.53	878,219	30,830	3.51	88,179	8,476	9.61
Afar	21,480	3,875	18.04	13,181	2,320	17.6	20,128	4,130	20.52	30,410	7,953	26.15	815	313	38.3
Amhara	401,181	17,784	4.43	325,956	15,531	4.76	725,950	29,180	4.02	3,541,490	93,567	2.64	364,544	25,546	7.01
Oromia	939,637	29,884	3.18	867,878	26,127	3.01	1,409,619	38,807	2.75	5,439,880	109,566	2.01	259,022	20,336	7.85
Somali	45,076	5,822	12.92	28,614	4,001	13.98	35,878	4,688	13.07	86,563	7,960	9.2	897	672	74.9
Benshangul-Gumuz	12,956	1,734	13.38	16,599	1,856	11.18	23,358	3,021	12.93	89,487	10,143	11.33	3,853	990	25.7
SNNP.....	431,045	16,342	3.79	363,844	15,131	4.16	538,831	22,767	4.23	1,715,153	59,968	3.5	28,216	4,522	16
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	2,815	429	15.23	1,857	315	16.97	3,322	408	12.3	5,470	855	15.64	21	20	97.6
Addis Ababa	724	85	11.76	992	111	11.2	1,793	140	7.79	11,102	588	5.3	1,786	182	10.2
Dire Dawa.....	2,539	365	14.36	1,530	258	16.89	4,831	523	10.83	4,444	626	14.08	-	-	-

Annex Table 2- Cont'd

Female Cattle

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,160,883	44,844	2.08	1,890,714	40,621	2.15	3,687,746	71,561	1.94	15,509,984	253,477	1.63	645,294	27,697	4.29
Tigray.....	166,224	12,190	7.33	107,514	9,447	8.79	236,827	16,258	6.86	977,455	53,391	5.46	58,966	5,941	10.1
Afar	39,967	7,334	18.35	31,723	6,323	19.93	59,598	12,769	21.43	227,848	41,560	18.24	2,829	944	33.4
Amhara	425,910	18,221	4.28	330,429	17,237	5.22	787,212	32,192	4.09	3,392,564	115,821	3.41	202,403	16,347	8.08
Oromia	989,361	31,771	3.21	960,162	30,083	3.13	1,678,474	51,256	3.05	6,916,412	167,049	2.42	253,750	17,918	7.06
Somali	54,614	8,156	14.93	33,205	5,592	16.84	57,765	8,771	15.18	261,141	27,864	10.67	4,455	1,470	33
Benshangul-Gumuz	15,584	2,047	13.14	17,565	2,261	12.87	29,806	4,402	14.77	109,477	11,524	10.53	3,990	933	23.4
SNNP.....	463,338	19,900	4.29	405,320	16,797	4.14	827,283	30,548	3.69	3,585,307	132,058	3.68	117,690	11,815	10
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	2,495	501	20.08	2,115	333	15.75	4,308	482	11.2	14,749	1,524	10.33	367	135	36.7
Addis Ababa	606	91	15.06	1,048	104	9.95	2,135	156	7.33	8,543	373	4.37	475	94	19.7
Dire Dawa.....	2,783	461	16.57	1,633	233	14.25	4,339	508	11.71	16,488	1,545	9.37	368	103	28

Annex Table 3- Estimates of Sheep, Standard Errors and Coefficients of Variation by Age group, and Region

Male Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	3,273,472	91,669	2.8	980,391	35,067	3.58	750,457	40,699	5.42	1,252,956	77,350	6.17
Tigray.....	117,385	10,943	9.32	48,624	5,490	11.29	33,405	5,422	16.23	53,681	7,612	14.18
Afar	16,751	2,953	17.63	9,985	1,774	17.76	10,017	2,259	22.56	12,915	2,589	20.04
Amhara	1,107,393	60,948	5.5	323,349	25,123	7.77	260,885	31,615	12.12	454,447	44,352	9.76
Oromia	1,440,381	62,459	4.34	377,510	17,515	4.64	246,845	15,862	6.43	407,169	50,151	12.32
Somali	69,833	8,778	12.57	37,445	7,712	20.6	46,257	11,666	25.22	79,976	19,262	24.09
Benshangul-Gumuz	13,825	1,573	11.38	3,316	451	13.61	1,836	404	22.03	4,701	836	17.77
SNNP	500,749	24,054	4.8	175,898	14,086	8.01	147,955	15,301	10.34	235,568	32,610	13.84
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	390	106	27.12	243	91	37.44	234	89	38.24	550	147	26.76
Addis Ababa	1,423	148	10.41	464	94	20.33	492	111	22.49	600	103	17.21
Dire Dawa.....	5,342	816	15.28	3,558	607	17.06	2,532	598	23.61	3,348	929	27.75

Annex Table 3-Cont'd

Female Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	3,263,084	95,120	2.92	1,304,005	44,852	3.44	1,695,320	61,769	3.64	11,113,324	317,339	2.86
Tigray.....	109,715	10,672	9.73	61,611	7,483	12.15	89,054	10,118	11.36	460,011	42,622	9.27
Afar	28,498	5,554	19.49	23,992	5,307	22.12	35,267	8,582	24.33	110,172	22,210	20.16
Amhara	1,076,756	63,347	5.88	405,991	30,589	7.53	539,798	44,715	8.28	4,068,459	233,758	5.75
Oromia	1,427,362	64,638	4.53	513,448	25,170	4.9	633,481	32,180	5.08	4,229,532	190,602	4.51
Somali	82,779	10,511	12.7	47,891	8,727	18.22	59,254	10,976	18.52	291,251	34,749	11.93
Benshangul-Gumuz	16,076	1,748	10.87	5,795	863	14.89	6,339	780	12.31	37,215	3,845	10.33
SNNP	514,299	24,427	4.75	241,280	16,743	6.94	325,678	21,946	6.74	1,890,241	78,640	4.16
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	435	110	25.34	207	73	35.53	415	105	25.25	1,791	297	16.59
Addis Ababa	1,768	207	11.72	638	97	15.26	606	89	14.78	4,744	389	8.19
Dire Dawa.....	5,397	1,356	25.11	3,152	1,035	32.82	5,429	1,267	23.34	19,908	3,890	19.54

Annex Table 4- Estimates of Goats, Standard Errors and Coefficients of Variation by Age group, and Region

Male Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,191,546	65,763	3	979,809	43,187	4.41	845,556	45,301	5.36	1,470,144	86,099	5.86
Tigray.....	299,816	20,974	7	122,241	10,195	8.34	117,618	11,684	9.93	192,650	16,733	8.69
Afar	37,846	5,644	14.91	22,944	3,882	16.92	21,370	4,196	19.64	31,537	7,016	22.25
Amhara	635,078	43,915	6.91	293,480	22,113	7.53	231,924	20,962	9.04	478,720	40,543	8.47
Oromia	788,179	34,339	4.36	316,667	17,887	5.65	261,187	17,088	6.54	369,815	28,204	7.63
Somali	89,066	9,530	10.7	48,428	6,624	13.68	59,522	14,594	24.52	104,759	17,312	16.53
Benshangul-Gumuz	51,080	5,330	10.43	17,435	1,746	10.01	11,797	1,590	13.48	14,926	1,395	9.34
SNNP	270,784	24,937	9.21	149,342	29,814	19.96	134,613	30,823	22.9	267,404	65,865	24.63
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	4,605	564	12.25	2,567	333	12.98	1,836	251	13.67	1,752	357	20.36
Addis Ababa	618	104	16.75	156	53	34.08	68	32	46.63	339	90	26.7
Dire Dawa.....	14,474	1,973	13.63	6,549	1,139	17.39	5,622	995	17.69	8,241	2,147	26.05

Annex Table 4 – Cont’d

Female Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,456,776	75,033	3.05	1,270,951	52,978	4.17	1,537,334	69,910	4.55	7,807,613	243,178	3.11
Tigray.....	351,326	23,587	6.71	191,717	21,841	11.39	266,163	23,146	8.7	1,229,736	77,632	6.31
Afar	67,036	11,119	16.59	59,042	11,163	18.91	97,542	25,256	25.89	290,579	57,146	19.67
Amhara	719,979	48,490	6.73	310,396	23,812	7.67	350,074	27,343	7.81	2,133,158	134,966	6.33
Oromia	835,965	38,438	4.6	415,249	25,332	6.1	443,146	24,715	5.58	2,450,481	109,368	4.46
Somali	119,652	14,667	12.26	77,830	10,462	13.44	111,976	27,350	24.43	450,850	52,517	11.65
Benshangul-Gumuz	59,398	5,857	9.86	29,051	4,049	13.94	28,236	2,843	10.07	127,604	10,605	8.31
SNNP	280,568	29,383	10.47	174,285	29,403	16.87	222,974	39,882	17.89	1,050,012	129,289	12.31
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	4,088	507	12.4	2,173	257	11.82	2,761	299	10.84	14,669	989	6.74
Addis Ababa	667	135	20.26	86	33	37.92	199	71	35.65	1,562	204	13.03
Dire Dawa.....	18,097	2,877	15.9	11,123	2,420	21.76	14,264	2,928	20.53	58,961	8,868	15.04

Annex Table 5- Estimates of Horses, Standard Errors and Coefficients of Variation by Age group, and Region

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	185,372	12,935	6.98	604,173	30,776	5.09	193,770	14,139	7.3	672,067	38,059	5.66
Tigray.....	-	-	-	1,769	738	41.71	278	195	70.18	223	148	66.41
Afar	-	-	-	27	18	67.97	-	-	-	-	-	-
Amhara	29,651	4,829	16.29	94,841	12,974	13.68	34,150	5,858	17.15	125,170	16,384	13.09
Oromia	125,405	11,276	8.99	383,799	25,644	6.68	122,982	12,165	9.89	413,371	31,240	7.56
Somali	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	137	94	69.09	236	171	72.64	386	268	69.45
SNNP	30,276	4,104	13.55	123,057	10,983	8.92	36,085	4,190	11.61	132,906	14,284	10.75
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Addis Ababa	11	10	88.14	545	78	14.37	11	7	63.36	11	7	63.36
Dire Dawa.....	28	26	94.9	-	-	-	28	26	94.9	-	-	-

Annex Table 6- Estimates of Donkeys, Standard Errors and Coefficients of Variation by Age group, and Region

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	563,639	16,585	2.94	1,501,163	41,812	2.79	546,175	16,300	2.98	1,887,408	44,459	2.36
Tigray.....	46,833	3,923	8.38	179,180	13,282	7.41	52,369	3,994	7.63	159,013	10,066	6.33
Afar	1,718	366	21.28	3,824	684	17.9	1,656	401	24.22	4,694	906	19.31
Amhara	217,271	10,521	4.84	403,265	25,947	6.43	233,719	11,156	4.77	689,791	25,897	3.75
Oromia	256,853	11,882	4.63	729,074	28,880	3.96	221,269	10,829	4.89	852,523	33,120	3.88
Somali	12,535	1,415	11.29	36,913	3,993	10.82	9,767	1,239	12.69	39,245	3,980	10.14
Benshangul-Gumuz	4,288	437	10.2	22,401	2,875	12.83	3,356	342	10.19	9,663	742	7.68
SNNP	21,587	2,305	10.68	115,332	6,262	5.43	22,101	2,467	11.16	124,449	9,464	7.6
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	773	232	30.02	3,126	621	19.86	595	158	26.57	2,337	458	19.6
Addis Ababa	170	51	30.13	5,172	294	5.68	70	26	37.88	680	107	15.8
Dire Dawa.....	1,612	312	19.38	2,875	409	14.23	1,274	250	19.65	5,015	785	15.65

Annex Table 7- Estimates of Mules, Standard Errors and Coefficients of Variation by Age group, and Region

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	24,845	2,901	11.67	145,480	8,388	5.77	21,573	2,957	13.71	133,802	7,333	5.48
Tigray.....	192	167	87.11	2,719	845	31.1	-	-	-	4,337	947	21.83
Afar	-	-	-	109	50	45.98	-	-	-	48	31	65.34
Amhara	9,534	2,027	21.26	34,427	5,254	15.26	9,587	1,980	20.65	39,248	4,351	11.09
Oromia	10,934	1,929	17.64	73,844	5,979	8.1	10,261	2,149	20.95	65,501	5,369	8.2
Somali	-	-	-	-	-	-	-	-	-	100	87	86.59
Benshangul-Gumuz	86	82	95.57	326	148	45.57	-	-	-	1,003	316	31.5
SNNP	4,098	741	18.08	33,724	2,501	7.42	1,724	453	26.27	23,500	2,240	9.53
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Addis Ababa	-	-	-	332	62	18.74	-	-	-	66	25	37.72
Dire Dawa.....	-	-	-	-	-	-	-	-	-	-	-	-

Annex Table 8- Estimates of Camels, Standard Errors and Coefficients of Variation by Age group, and Region

Geographic Area	MALE						FEMALE					
	<4YEARS			4YEARS & OLDER			<4YEARS			4YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	75,369	10,511	13.94	149,654	15,357	10.26	102,085	18,350	17.98	289,288	42,908	14.83
Tigray.....	3,042	1,670	54.9	31,136	7,437	23.88	140	139	99.76	567	438	77.36
Afar	12,179	3,146	25.83	17,066	3,529	20.68	30,450	9,650	31.69	84,055	19,899	23.67
Amhara	6,975	2,543	36.46	24,840	6,304	25.38	-	-	-	187	184	98.28
Oromia	19,496	4,479	22.97	21,468	5,312	24.74	24,993	5,514	22.06	65,302	14,962	22.91
Somali	32,014	8,428	26.33	53,034	9,991	18.84	44,614	14,593	32.71	134,578	34,901	25.93
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	371	243	65.53	132	93	70.78	468	282	60.28	980	595	60.69
Addis Ababa	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	1,292	409	31.63	1,979	559	28.27	1,420	368	25.92	3,620	1,609	44.46

Annex Table 9- Estimates of Poultry, Standard Errors and Coefficients of Variation by Type, and Region

Geographic Area	Total Poultry			Cocks			Cockerels			Pullets			Non-laying Hens			Chicks			Laying Hens		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	34,199,484	532,434	1.56	3,528,237	61,190	1.73	1,705,579	56,132	3.29	3,087,809	70,529	2.28	1,181,256	47,957	4.06	13,491,355	303,592	2.25	11,205,247	149,922	1.34
Tigray	3,495,075	145,561	4.16	280,940	13,415	4.77	265,993	22,576	8.49	405,253	28,543	7.04	140,348	13,887	9.89	1,443,853	76,862	5.32	958,688	31,850	3.32
Afar	43,798	8,031	18.34	3,430	577	16.82	1,964	493	25.08	3,755	723	19.26	2,116	611	28.9	21,162	4,482	21.18	11,371	2,185	19.22
Amhara	10,401,844	386,610	3.72	1,033,775	40,241	3.89	452,716	37,894	8.37	864,548	44,583	5.16	311,820	30,127	9.66	4,428,641	231,765	5.23	3,310,345	98,434	2.97
Oromia.....	12,730,685	290,398	2.28	1,488,416	40,033	2.69	628,254	31,182	4.96	1,123,166	40,937	3.64	535,254	32,330	6.04	4,409,778	151,832	3.44	4,545,817	97,406	2.14
Somali	106,534	22,380	21.01	18,272	3,528	19.31	6,252	1,697	27.15	11,445	2,806	24.51	4,431	1,322	29.8	20,340	7,233	35.56	45,795	10,434	22.78
Benshangul-Gumuz.....	743,051	39,121	5.26	64,039	3,205	5	49,686	4,916	9.89	85,096	6,356	7.47	17,311	2,774	16	365,937	20,588	5.63	160,982	8,062	5.01
SNNP.....	6,577,304	162,397	2.47	626,687	17,849	2.85	295,142	14,323	4.85	585,016	21,127	3.61	167,193	11,998	7.18	2,780,449	94,822	3.41	2,122,817	45,796	2.16
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari.....	31,777	2,847	8.96	3,874	384	9.9	3,011	562	18.65	3,938	642	16.29	903	278	30.8	8,172	1,268	15.51	11,878	1,012	8.52
Addis Ababa.....	21,564	1,504	6.97	2,813	227	8.07	486	156	32.06	1,607	306	19.07	228	65	28.8	4,475	778	17.38	11,956	687	5.74
Dire Dawa	47,852	4,496	9.4	5,990	637	10.63	2,075	360	17.35	3,986	680	17.05	1,654	525	31.7	8,548	1,581	18.5	25,599	2,773	10.83

Annex Table 10- Estimates of Beehives, Standard Errors and Coefficients of Variation by Type, and Region

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	4,884,468	217,689	4.46	4,815,935	217,508	4.52	24,842	6,278	25.27	43,692	8,216	18.8
Tigray.....	183,799	14,182	7.72	167,910	14,025	8.35	-	-	-	15,889	2,984	18.78
Afar	910	321	35.29	910	321	35.29	-	-	-	-	-	-
Amhara	853,094	54,828	6.43	835,799	54,707	6.55	8,731	2,206	25.27	8,564	2,717	31.72
Oromia	2,729,516	174,370	6.39	2,702,338	174,314	6.45	10,820	5,739	53.04	16,358	7,085	43.31
Somali	4,453	2,672	60.02	4,178	2,531	60.56	274	269	98.02	-	-	-
Benshangul-Gumuz	174,449	27,679	15.87	173,618	27,678	15.94	297	66	22.19	534	149	27.89
SNNP	936,465	114,031	12.18	929,448	113,852	12.25	4,669	1,238	26.51	2,348	998	42.52
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	804	254	31.56	804	254	31.56	-	-	-	-	-	-
Addis Ababa	258	96	37.44	258	96	37.44	-	-	-	-	-	-
Dire Dawa.....	722	201	27.88	671	189	28.15	51	38	75.84	-	-	-

APPENDIX I

Number of Planned and Actually Covered Sampling Units

APPENDIX-I (a). Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2006/07 (1999 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	930	927
	Central Tigray	40	40	1200	1198
	Eastern Tigray	29	29	870	869
	Southern Tigray	40	40	1200	1191
	Western Tigray	25	25	750	750
	Region Total	165	165	4950	4935
Afar	Zone One	24	24	720	704
	Zone Three	24	23	720	651
	Region Total	48	47	1440	1355
Amhara	North Gonder	44	44	1320	1317
	South Gonder	44	44	1320	1314
	North Wolo	46	46	1380	1377
	South Wolo	48	48	1440	1439
	North Shewa	40	40	1200	1199
	East Gojam	48	47	1440	1406
	West Gojam	48	48	1440	1440
	Wag Hamera	28	28	840	840
	Awi	32	32	960	959
	Oromia	28	28	840	839
	Region Total	406	405	12180	12130
Oromia	West Wellega	36	35	1080	1047
	East Wellega	36	36	1080	1078
	Illubabor	36	36	1080	1080
	Jimma	48	48	1440	1436
	West Shewa	42	42	1260	1259
	North Shewa	34	34	1020	1020
	East Shewa	40	39	1200	1166
	Arsi	46	46	1380	1377
	West Harerghe	40	39	1200	1163
	East Harerghe	44	42	1320	1260
	Bale	40	35	1200	1048
	Borena	36	36	1080	1067
	South West Shewa	40	40	1200	1198
	Guji	36	35	1080	1044
	Kelem Wellega	36	36	1080	1080
	Horoguduru Wellega	36	36	1080	1077
	West Arsi	40	40	1200	1196
	Region Total	666	655	19980	19596

APPENDIX-I (a) (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	580
	Jijiga	28	28	840	821
	Liben	24	20	720	580
	Region Total	72	68	2160	1981
Benishangul-Gumuz	Metekel	28	27	840	807
	Asosa	28	28	840	840
	Kemeshi	24	23	720	689
	Region Total	80	78	2400	2336
SNNP	Gurage	38	38	1140	1139
	Hadiya	34	33	1020	989
	Kembata Tambaro	33	33	990	989
	Sidama	44	44	1320	1298
	Gedio	34	34	1020	1009
	Wolayita	40	40	1200	1198
	South Omo	33	33	990	990
	Shaka	24	24	720	720
	Kaffa	36	36	1080	1076
	Gamo Gofa	40	40	1200	1188
	Bench Maji	32	31	960	928
	Yem Special Wereda	20	20	600	570
	Amaro Special Wereda	20	20	600	594
	Burji Special Wereda	20	20	600	598
	Konso Special Wereda	20	20	600	599
	Derashe Special Wereda	20	18	600	540
	Dawro	32	32	960	960
	Basketo Special Wereda	20	20	600	599
	Konta Special Wereda	20	20	600	600
	Siltie	32	32	960	960
	Alaba Special Wereda	20	20	600	598
	Region Total	612	608	18360	18142
Harari		24	24	720	711
Addis Ababa		20	20	600	591
Dire Dawa		24	24	720	717
COUNTRY TOTAL		2117	2094	63510	62494

APPENDIX-I(b). Number of Planned and Actually Covered Sampling Units (Resettlement localities & Households) of the 2006/07 (1999 E.C.), Livestock Sample Survey

Region	Stratum	Resettlement localities		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	2	2	60	60
	Western Tigray	32	32	960	955
	Region Total	34	34	1020	1015
Amhara	North Gonder	32	32	960	957
	Awi	2	2	60	60
	Region Total	34	34	1020	1017
Oromia	West Wellega	39	39	1170	1167
	East Wellega	21	21	630	628
	Illubabor	40	40	1200	1198
	Jimma	6	6	180	180
	West Shewa	4	4	120	120
	Bale	10	9	300	264
	Guji	6	6	180	180
	Region Total	126	125	3780	3737
Benishangul-Gumuz	Asosa	2	2	60	60
	Region Total	2	2	60	60
SNNP	Gurage	4	4	120	43
	Wolayita	3	3	90	89
	South Omo	7	7	210	208
	Kaffa	8	8	240	236
	Gamo Gofa	10	10	300	295
	Bench Maji	5	5	150	145
	Amaro Special Wereda	3	2	90	51
	Dawro	4	4	120	120
	Basketo Special Wereda	5	5	150	149
	Konta Special Wereda	5	5	150	150
	Region Total	54	53	1620	1486
	Country Total	250	248	7500	7315

APPENDIX II

Estimation Procedures of Totals, Ratios, and Sampling Errors

APPENDIX II: Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total livestock & its products, and ratio of specific characteristics in a stratum.

1. For Estimating Total livestock and products:

$$\hat{Y}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} y_{hij} = \sum_{i=1}^{n_h} W_{hi} y_{hi}$$

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight.

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h^{th} stratum.

M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.

h_{hi} is the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.

y_{hij} is the value of a specific livestock(its products) for agricultural households j , in the i^{th} EA in the h^{th} stratum.

y_{hi} is the sample total values of a specific livestock(its products) for EA i in stratum h

\hat{Y}_h is estimated total of specific livestock and its products in stratum h

2. For Estimating Ratios in stratum h :

$$\hat{R}_h = \frac{\hat{Z}_h}{\hat{X}_h}, \text{ where the numerator and denominator are estimates of domain totals}$$

for characteristic z and x , respectively.

3. Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of livestock and its products, and ratios are estimated by the following formulas.

$$Var(\hat{Y}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Y}_{hi} - \frac{\hat{Y}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Y}_{hij} - \frac{\hat{Y}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{R}_h) = \frac{1}{\hat{X}_h^2} \left[Var(\hat{Z}_h) + \hat{R}_h^2 Var(\hat{X}_h) - 2\hat{R}_h Cov(\hat{Z}_h, \hat{X}_h) \right]$$

Where,

$$Cov(\hat{Z}_h, \hat{X}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Z}_{hi} - \frac{\hat{Z}_h}{n_h} \right) \left(\hat{X}_{hi} - \frac{\hat{X}_h}{n_h} \right) + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Z}_{hij} - \frac{\hat{Z}_{hi}}{h_{hi}} \right) \left(\hat{X}_{hij} - \frac{\hat{X}_{hi}}{h_{hi}} \right)$$

f_h = average first stage probability of selection of EAs within stratum h .

$f_{hi} = \frac{h_{hi}}{H_{hi}}$ = Average second stage probability of selection within the i^{th} sample EA in stratum h .

$\hat{Y}_{hi}, \hat{Z}_{hi}, \hat{X}_{hi}$ are weighted total livestock and its products of characteristic y, z and x , respectively, in the i^{th} EA and h^{th} stratum.

$\hat{Y}_{hij}, \hat{Z}_{hij}, \hat{X}_{hij}$ are weighted value of livestock and its products of characteristic y, z and x , respectively, from j^{th} agricultural household in the i^{th} EA and h^{th} stratum.

Since all strata are independent, the total variance at regional and country level is computed by aggregating the result obtained at Zone/Special Wereda level, i.e.

$$Var(\hat{Y}) = \sum_h^L Var(\hat{Y}_h), Var(\hat{R}) = \sum_{i=1}^L Var(\hat{R}_h)$$

Where, L is the number of strata (Zone/Special Wereda).

In estimating the sampling variance by the above formula, selection of EAs within a stratum is assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

4. Coefficient of Variation (CV) of Estimates:

Coefficient of Variation (CV) in percentage of estimate of stratum total of livestock and its products is given by:

$$CV(\hat{Y}_h) = \frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h} * 100, CV(\hat{R}_h) = \frac{\sqrt{Var(\hat{R}_h)}}{\hat{R}_h} * 100$$

5. Ninety-five percent confidence interval (CI) of stratum total of Livestock (its product):

$$\hat{Y}_h \pm 1.96 * SE(\hat{Y}_h) \quad ,$$

Where $SE(\hat{Y}_h) = \sqrt{Var(\hat{Y}_h)}$ is standard error of the estimate of the stratum total.

Estimates of standard error and confidence interval for the ratio estimate can also be calculated by adopting the above formulas.

APPENDIX III
Survey Questionnaire

Annual Agricultural Sample Survey
Livestock and Beehives Population - 2006/07 (1999 E.C.)

Part I - Identification Particulars

Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household Number	Holder Number	Holder					Type of Holding	
							Name	Age	Sex M=1 F=2	Edu. Status (Highest Grade Completed)	Family Size	Crop=1 Livestock=2 Both=3	

PART II - LIVESTOCK POPULATION AND PRODUCTS**QST I - Did You Have Livestock and/or Beehives on November 10, 2006?**
☐ Yes Complete questions below

☐ No – End of the question
Number of Cattle by Age and Purpose on Feb 10, 2006

1. Cattle of all ages _____
- a. Cattle less than 6 months _____
- b. Cattle 6 months and less than 1 year _____
- c. Cattle 1 year and less than 3 years _____
- d. Cattle 3 years and less than 10 years _____
1. Beef Cattle _____
2. Cattle for breeding _____
3. Dairy cows _____
4. Cows that gave milk for the last 12 months _____
5. Draft cattle _____
6. Cattle for other purposes _____
- e. Cattle 10 years and older _____
- f. Grand Total _____
1. Local breed _____
2. Exotic _____
3. Hybrid _____

None	Total	Male	Female
	1	2	3
	4	5	6
	7	8	9
	10	11	12
	13	14	15
	16	17	18
	19	20	21
	22		23
	24		25
	26	27	28
	29	30	31
	32	33	34
	35	36	37
	38	39	40
	41	42	43
	44	45	46

Form ASS – 99/7 Cont'd

Number of Sheep by Age and Purpose on Nov 10, 2006

	None	Total	Male	Female
2. Sheep of all ages		47	48	49
a. Sheep less than 6 months		50	51	52
b. Sheep 6 months and less than 1 year		53	54	55
c. Sheep 1 year and less than 2 years		56	57	58
d. Sheep 2 years and older		59	60	61
1. Sheep for mutton		62	63	64
2. Sheep for wool		65	66	67
3. Sheep for breeding		68	69	70
4. Sheep for other purposes		71	72	73
e. Grand Total		74	75	76
1. Local breed		77	78	79
2. Exotic		80	81	82
3. Hybrid		83	84	85

Number of Goats by Age and Purpose on Nov 10, 2006

	None	Total	Male	Female
3. Goats of all ages		86	87	88
a. Goats less than 6 months		89	90	91
b. Goats 6 months and less than 1 year		92	93	94
c. Goats 1 year and less than 2 years		95	96	97
d. Goats 2 years and older		98	99	100
1. Goats for meat		101	102	103
2. Dairy Goats		104		105
3. Goats for breeding		106	107	108
4. Goats for other purposes		109	110	111
e. Grand Total		112	113	114
1. Local breed		115	116	117
2. Exotic		118	119	120
3. Hybrid		121	122	123

Form ASS – 99/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2006

Horses

4. Horses of all ages _____
 a. Horses less than 3 years _____
 b. Horses 3 years and older _____
 1. Horses used primary for draft purposes _____
 2. Horses for transportation _____
 3. Horses for other purposes _____

None

Total	
124	
127	
130	
133	
136	
139	

Male	
125	
128	
131	
134	
137	
140	

Female	
126	
129	
132	
135	
138	
141	

Mules

5. Mules of all ages _____
 a. Mules less than 3 years _____
 b. Mules 3 years and older _____
 1. Mules used primary for draft purposes _____
 2. Mules for transportation _____
 3. Mules for other purposes _____

None

Total	
142	
145	
148	
151	
154	
157	

Male	
143	
146	
149	
152	
155	
158	

Female	
144	
147	
150	
153	
156	
159	

Donkeys

6. Donkeys of all ages _____
 a. Donkeys less than 3 years _____
 b. Donkeys 3 years and older _____
 1. Donkeys used for draft purposes _____
 2. Donkeys for transportation _____
 3. Donkeys for other purposes _____

None

Total	
160	
163	
166	
169	
172	
175	

Male	
161	
164	
167	
170	
173	
176	

Female	
162	
165	
168	
171	
174	
177	

Camels

7. Camels of all ages _____
 a. Camels less than 4 years _____
 b. Camels 4 years and older _____
 1. Camels for slaughter _____
 2. Camels for draft purposes _____
 3. Camels for milk _____
 4. Camels for transportation _____
 5. Camels for other purposes _____

None

Total	
178	
181	
184	
187	
190	
193	
195	
198	

Male	
179	
182	
185	
188	
191	
209	
196	
199	

Female	
180	
183	
186	
189	
192	
194	
197	
200	

Form ASS – 99/7 Cont'd

Poultry

8. Poultry total on Nov 10, 2006

- a. Laying hens _____
- b. Non-Laying hens _____
- c. Cocks _____
- d. Cockerels _____
- e. Pullets _____
- f. Chicks _____

None	Total
	201
	205
	209
	213
	217
	221
	225

Indigenous		Hybrid		Exotic	
202		223		204	
206		207		208	
210		211		212	
214		215		216	
218		219		220	
222		223		224	
226		227		228	

QST II- Did You Have Livestock During The Reference Period (Nov 11, 2005 to Nov 10, 2006)?

Yes=1 No=2

Yes Complete questions below

No – End of the question

9. Total Beehives (produced honey during the reference period)

- a. Traditional Beehives _____
- b. Intermediate Beehives _____
- c. Modern Beehives _____

None	Total
	229
	230
	231
	232

10. Honey production per beehive in kg during the reference period

- a. Average honey production/ Traditional hive/harvest _____
Number of harvests/Traditional hive/year _____
- b. Average honey production/ Intermediate hive/harvest _____
Number of harvests/Intermediate hive/year _____
- c. Average honey production/ Modern hive/harvest _____
Number of harvests/Modern hive/year _____

233	
234	
235	
236	
237	
238	

Form ASS – 99/7 Cont'd

Milk, Egg, and Honey Production during the reference period

11. Dairy cows and Camels

- a. Cows that gave milk during the reference Period _____
- b. Average number of months cows actually milked _____
- c. Average lactation period of cows in months _____
- d. Milk production per day per cow in liters _____
- e. Camels that gave milk during the reference period _____
- f. Average number of months camels actually milked _____
- g. Average lactation period of camels in months _____
- h. Milk production per day per camel _____

None

239	
240	
241	
242	
243	
244	
245	
246	

12. Egg production per hen per clutch _____

None

--

Indigenous

247	
-----	--

Hybrid

248	
-----	--

Exotic

249	
-----	--

13. Average number of days per clutch _____

--

250	
-----	--

251	
-----	--

252	
-----	--

14. Total Number of clutch during the reference period _____

--

253	
-----	--

254	
-----	--

255	
-----	--

15. Livestock Diseases and Treatments during the Reference Period

1	2	4			5		
		Afflicted/Diseased			Total Treated		
Sr. No.	Livestock Type	Total	Male	Female	Total	Male	Female
1	Cattle						
2	Sheep						
3	Goats						
4	Horses						
5	Donkeys						
6	Mules						
7	Camel						
8	Poultry						

16. Number of Births, Purchases, Sales, Slaughters, and Deaths during the Reference Period

[illegible]

17. Livestock diseases, treatment and Vaccination during the Reference Period

[illegible]

Form ASS – 99/7 Cont'd

18. Livestock Feeds utilized during the reference period

1	2	3	4	5	5	6
Sr. No.	Type of Livestock Feed	Code	Utilized yes=1 no=2	Percent from the total feed Utilized	Source of Feed	Code
1	Green fodder/Grazing	1				
2	Crop Residue	2				
3	Improved Feed	3				
4	Hay	4				
5	Bi-products	5				
6	Others	7				
Total				100		

Own Holding=1 Purchased=2 Communal Holding=3
 1 & 2 =4 1 & 3=5 2 & 3=6 1, 2, & 3=7 Others=8

19. Did you participate in any Livestock Extension Program during the reference period?

Yes=1 No=2

20. If yes to 19, what was the type of the package?

- Dairy development package =1
- Beef/Meat/Mutton development package =2
- Poultry development package =3
- Honey and Wax development Package =4
- Any two or more of the above packages =5
- Any other livestock package =6