

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

**AGRICULTURAL SAMPLE SURVEY  
2011/12 [2004 E.C.]**

**VOLUME II**

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



**ADDIS ABABA  
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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 etc. provide 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 such as dung cake as a fuel for fires and as a bio-gas energy. Most rural households are also used manure to make plaster for walls and floors.

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 2011/12 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, 2011 or Hidar 1, 2004 E.C.) and reference period (November 11, 2010 to November 10, 2011 or Hidar 2, 2003 E.C. to Hidar 1, 2004 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 sedentary rural areas are presented in Statistical Tables 3.1 - 3.30. 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 provide 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.

## **CHAPTER II**

### **SURVEY METHODOLOGY AND OPERATIONS**

#### **2.1 COVERAGE**

The 2011/12 (2004 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,280 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 7 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,273 EAs (99.69%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 68,400 agricultural households, however, 67,767 (99.07%) 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 2007 (1999 E.C.) Population and Housing Census Frame was used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Second stage sampling units households, on the other hand, were selected from a fresh list of households that were prepared for each EA 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 and second stage sampling units were agricultural households. Each zones/special wereda of the four regions (Tigray, Amahara, Oromiya and SNNP) was further stratified in to three agro-ecologies (Kolla, Dega and Weyina Dega). Except Harari and Dire Dawa, where each region as a whole is considered to be the domain of estimation, every zone/special wereda in each region was taken as a stratum for which major findings of the survey are reported.

**Summery Table II.1: Total and covered Zones/Strata by Region**

Region	Number of Zones/ Strata	
	Total	Covered
Tigray	<b>5</b>	<b>5</b>
Afar	<b>5</b>	<b>2</b>
Amhara	<b>11</b>	<b>11</b>
Oromiya	<b>17</b>	<b>17</b>
Somalie	<b>9</b>	<b>3</b>
Benishangul Gumuz	<b>4</b>	<b>4</b>
S.N.N.P.R	<b>21</b>	<b>21</b>
Gambela	<b>4</b>	<b>4</b>
Hareri	<b>1</b>	<b>1</b>
Dire Dawa	<b>1</b>	<b>1</b>
<b>Total</b>	<b>78</b>	<b>69</b>

## **2.4 SELECTION SCHEME**

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of households of EAs obtained from the 2007 (1999 E.C) Population and Housing Census. Within each sample EA 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) by stratum is also presented in Appendix-I. Moreover, estimation procedures of different estimates 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, 2010 to Nov 10, 2011.

**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, 2010 to Nov 10, 2011.

**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 3 or 4. 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, statistician and some of the field supervisors. The training was given for about ten days at Hawasa town. The 2011/12 annual agricultural sample survey, which is using paper and computer assisted personal interview (CAPI), carried out socio economic survey in 290 E.As. 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 November 10, 2011 (Hidar 1/2004 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 CSpro (Census and survey 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 2011/12 livestock survey has covered the rural sedentary areas of the country 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, 2011), 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.2. As shown on the table, the total cattle population for the country is estimated to be about 52.13 million. Out of this total cattle population, the female cattle constitute about 55.57 percent and the remaining 44.43 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63.5 percent) is in the 3 years and less than 10 years age category, with about 27.3 percent male and about 36.2 percent female. Moreover, about 15.97 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 2.78 percent of the total estimated number of cattle population (also see Fig III.1).

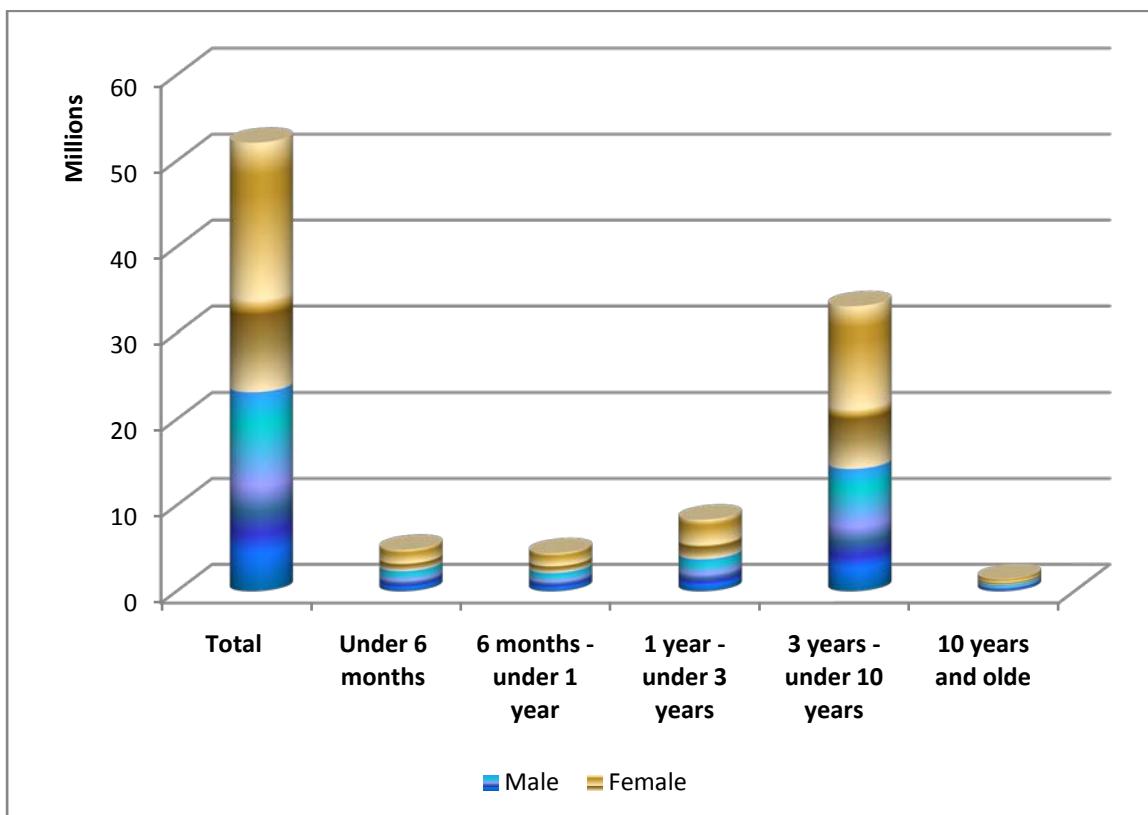
On the other hand, the results obtained indicated that 98.88 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.93 percent and 0.12 percent, respectively. Moreover,

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 24.95 percent and the percentage share of beef cattle is the lowest that is about 0.95 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 - 2011/12**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total .....	52,129,017	100	23,159,145	44.43	28,969,872	55.57
Under 6 months .....	4,829,526	9.26	2,343,920	4.5	2,485,607	4.77
6 months - under 1 year .....	4,427,164	8.49	2,123,144	4.07	2,304,021	4.42
1 year – under 3 years.....	8,324,022	15.97	3,730,268	7.16	4,593,754	8.81
3 years – under 10 years .....	33,100,393	63.5	14,233,785	27.3	18,866,607	36.19
10 years and older.....	1,447,911	2.78	728,029	1.4	719,882	1.38
Cattle by Breed						
Total .....	52,093,652	99.93	23,154,182	44.42	28,939,470	55.52
Indigenous.....	51,545,321	98.88	22,944,721	44.02	28,600,600	54.87
Hybrid.....	483,851	0.93	186,570	0.36	297,281	0.57
Exotic.....	64,480	0.12	22,890	0.04	41,590	0.08
Aged 3 – 10 Years by Purpose						
Total .....	33,524,556	64.31	14,418,694	27.66	19,105,862	36.65
Used for Milk.....	7,172,478	13.76			7,172,478	13.76
Used for Draught.....	13,007,786	24.95	12,807,609	24.57	200,177	0.38
Used for Beef.....	497,471	0.95	397,935	0.76	99,536	0.19
Used for Breeding.....	10,976,813	21.06	582,081	1.12	10,394,732	19.94
Used for Other .....	1,870,007	3.59	631,069	1.21	1,238,938	2.38
Dairy Animals						
Dairy Cows.....	7,172,478	13.76			7,172,478	13.76
Milking Cows .....	10,577,781	20.29			10,577,781	20.29

**FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX**



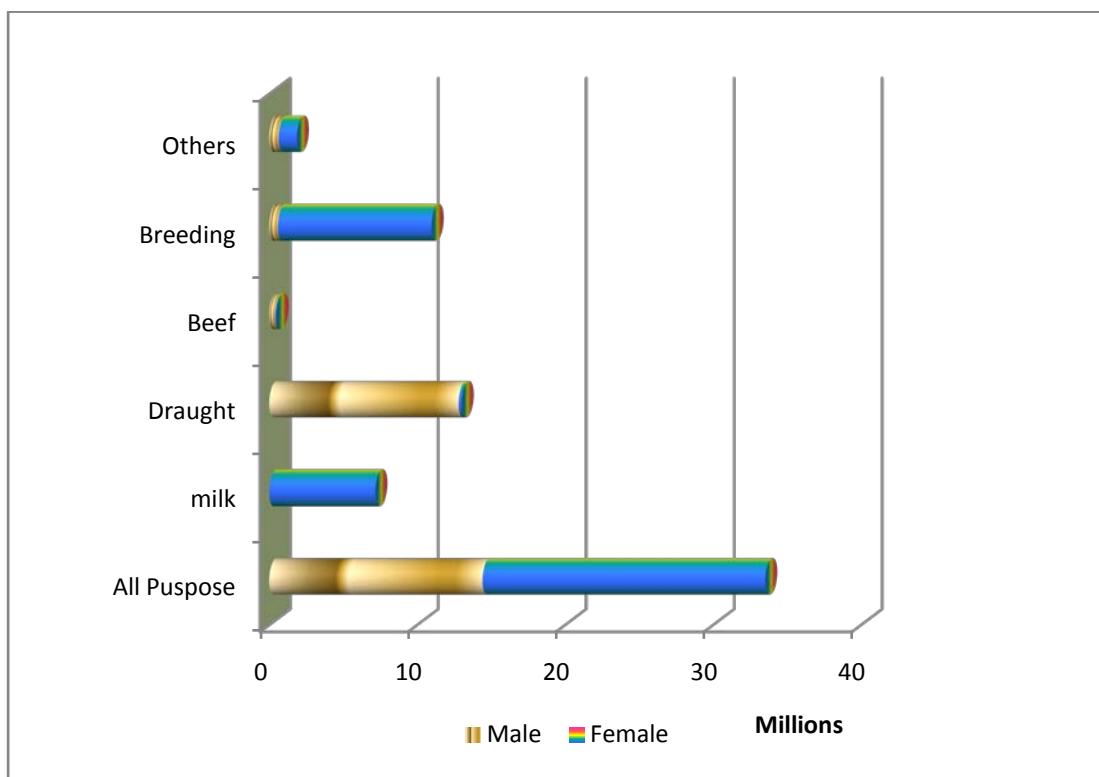
Dairy-cows<sup>1</sup> are estimated to be around 7.2 million and milking-cows<sup>2</sup> are about 10.6 million heads during the reference period.

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.

<sup>1</sup>A 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.

<sup>2</sup>A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2009 to Nov. 10, 2010).

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



### 3.1.2 Sheep And Goat Populations

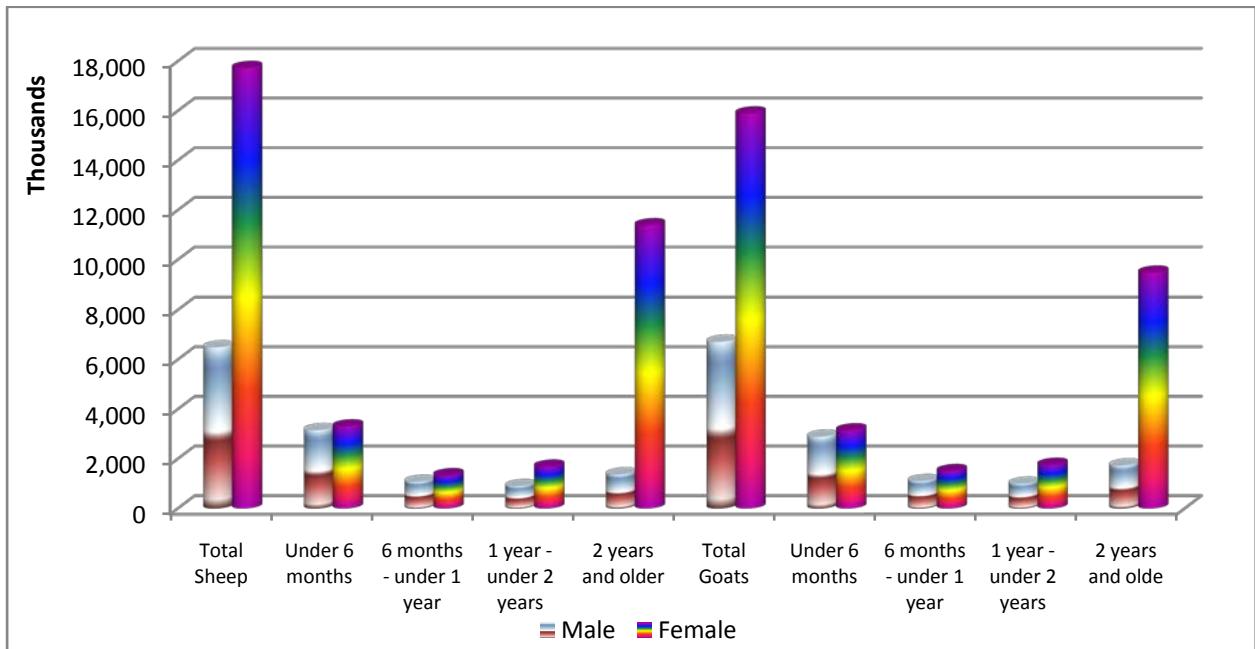
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 24.2 million sheep are estimated to be found in the country, out of which about 73.2 percent are females, and about 26.8 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 22.6 million. Out of these total goats, 70.3 percent are females and about 29.3 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 - 2011/12

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep.....	24,221,384	100	6,491,022	26.8	17,730,361	73.2
Under 6 months.....	6,462,374	26.68	3,153,522	13.02	3,308,853	13.66
6 months - under 1 year .....	2,413,182	9.96	1,072,934	4.43	1,340,248	5.53
1 year - under 2 years .....	2,585,818	10.68	897,506	3.71	1,688,312	6.97
2 years and older.....	12,760,009	52.68	1,367,060	5.64	11,392,948	47.04
Sheep by Breed						
Total .....	24,178,318	99.82	6,480,429	26.75	17,697,889	73.07
Indigenous .....	24,141,924	99.67	6,471,196	26.72	17,670,728	72.96
Hybrid.....	26,112	0.11	6,337	0.03	19,775	0.08
Exotic.....	*	*	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total .....	13,052,365	53.89	1,477,696	6.1	11,574,669	47.79
Used for Mutton.....	586,321	2.42	531,332	2.19	54,988	0.23
Used for Wool.....	57,179	0.24	6,820	0.03	50,359	0.21
Used for Breeding.....	12,241,793	50.54	838,905	3.46	11,402,888	47.08
Used for Other .....	167,073	0.69	100,639	0.42	66,435	0.27
Total Goats .....	22,613,105	100	6,715,402	29.7	15,897,703	70.3
Under 6 months...	6,040,602	26.71	2,890,803	12.78	3,149,800	13.93
6 months - under 1 year .....	2,609,763	11.54	1,102,259	4.87	1,507,504	6.67
1 year - under 2 years .....	2,750,850	12.16	991,734	4.39	1,759,116	7.78
2 years and older.....	11,211,890	49.58	1,730,607	7.65	9,481,284	41.93
Goats by Breed						
Total .....	22,566,057	99.79	6,706,770	29.66	15,859,287	70.13
Indigenous .....	22,561,786	99.77	6,705,819	29.65	15,855,968	70.12
Hybrid.....	2,707	0.01	*	*	1,906	0.01
Exotic.....	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total .....	11,516,536	50.93	1,846,319	8.16	9,670,217	42.76
Used for Milk.....	872,734	3.86			872,734	3.86
Used for Meat .....	653,694	2.89	616,010	2.72	37,684	0.17
Used for Breeding.....	9,889,326	43.73	1,165,059	5.15	8,724,267	38.58
Used for Other .....	100,783	0.45	65,251	0.29	35,532	0.16

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 (52.68 percent and 49.58 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26.68 percent and 26.71 percent, correspondingly (see Figure III.3).

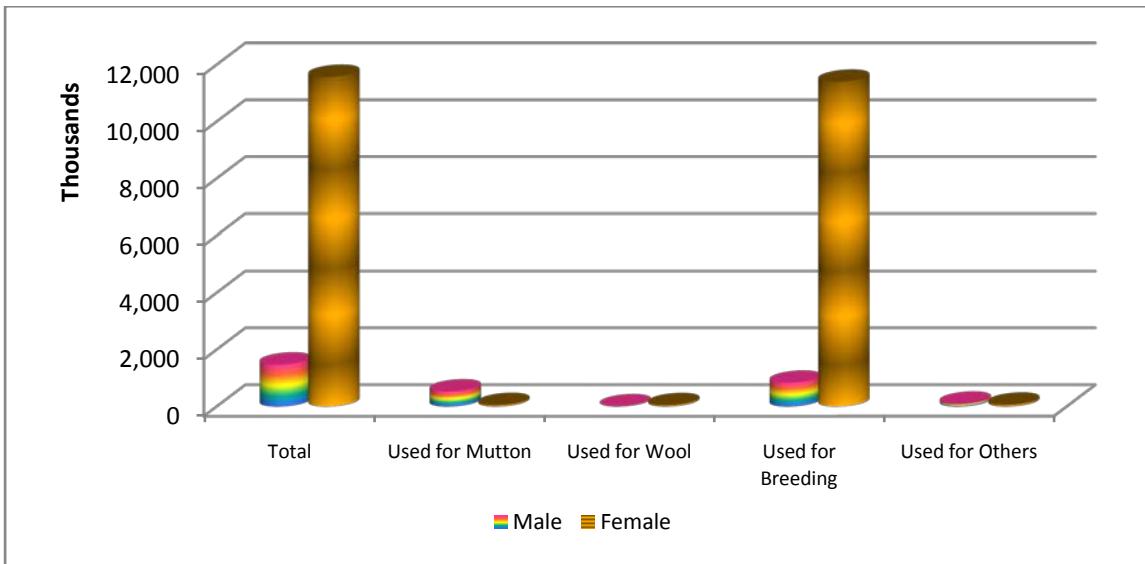
**FIGURE III.3 DISTRIBUTION OF SHEEP AND GOATS BY AGE AND SEX**



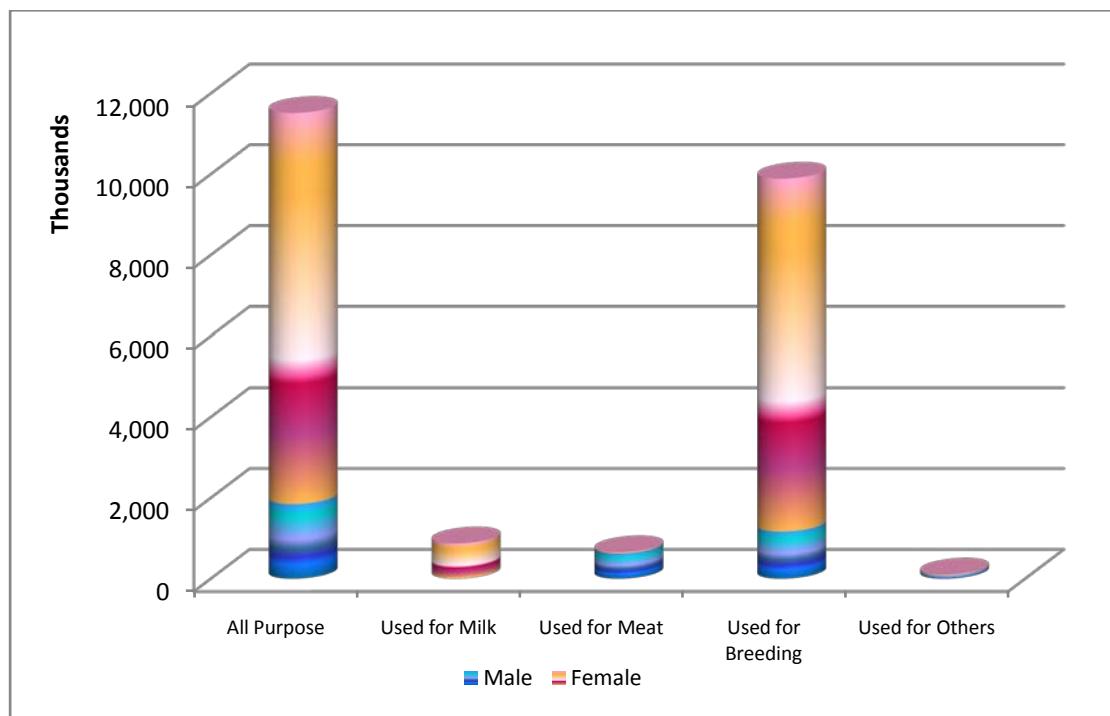
With respect to breed, almost all of the sheep and the goats are indigenous (99.67 percent and 99.77 percent, respectively).

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 (53.89% of the total sheep), 50.54 percent are kept for breeding; about 2.42 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 (50.93% of the total), goats kept for breeding accounted for about 43.73 percent while goats kept for meat accounted for 2.89 percent. The number of female goats kept for milk at country level is estimated to be about 872 thousand, which is 3.86 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 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 1.96 million horses, 6.4 million donkeys, 0.37 million mules, and about 0.99 million camels in the sedentary areas of the country.

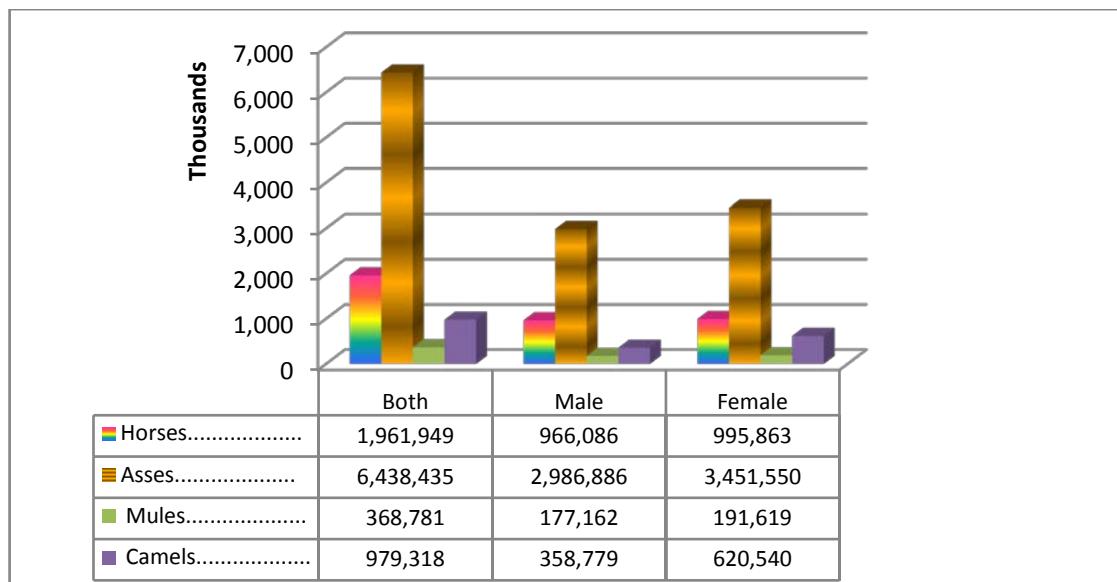
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 53.61 percent are females and the remaining 46.39 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 70.98 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 1.2 million were used for transportation, 0.21 million were for draught and the remaining 0.21 million were used for other purposes. With regard to donkeys, about 3.8 million were used for transportation whereas about 0.83 million and 0.23 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 - 2011/12**

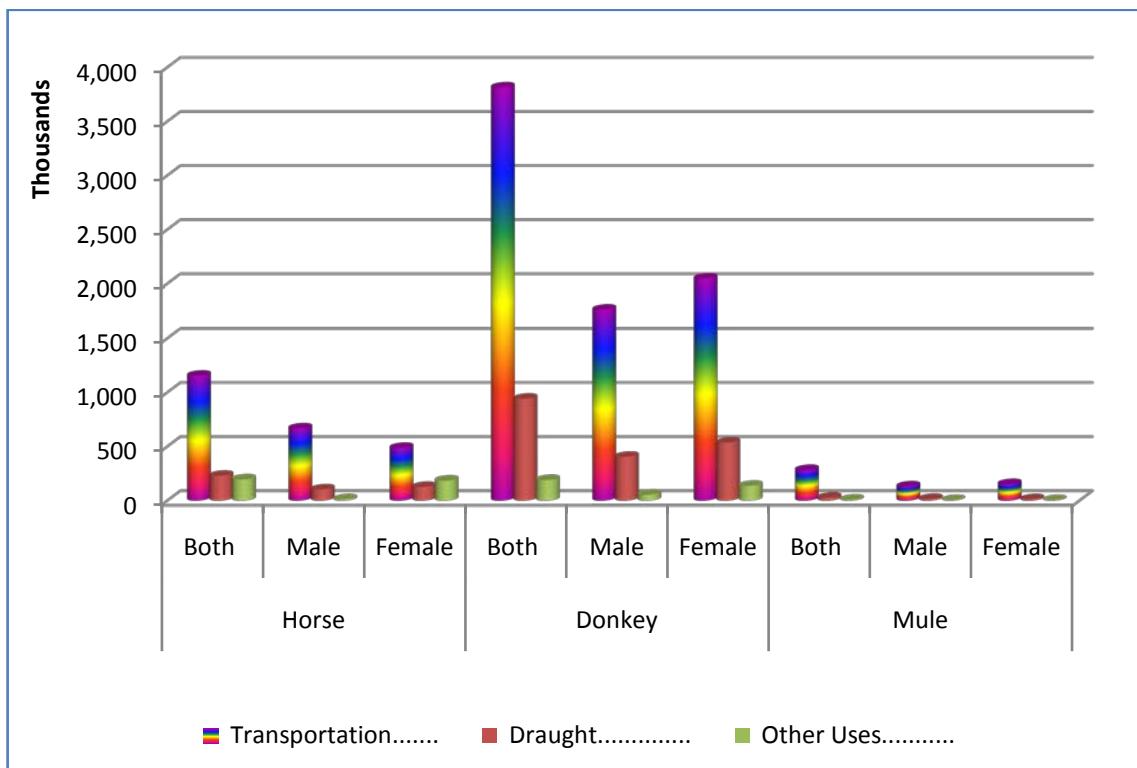
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses .....	1,961,949	100	966,086	49.24	995,863	50.76
Under 3 Years.....	391,897	19.97	188,164	9.59	203,732	10.38
3 years and older.....	1,570,052	80.03	777,921	39.65	792,131	40.37
Horses Aged 3 Years and Older by Purpose						
All Uses .....	1,580,382	80.55	782,752	39.9	797,630	40.65
Transportation .....	1,154,728	58.86	667,337	34.01	487,391	24.84
Draught.....	229,558	11.7	103,342	5.27	126,216	6.43
Other Uses.....	196,096	9.99	12,073	0.62	184,023	9.38
Total Donkeys .....	6,438,435	100	2,986,886	46.39	3,451,550	53.61
Under 3 Years...	1,549,967	24.07	795,584	12.36	754,383	11.72
3 years and older.....	4,888,468	75.93	2,191,302	34.03	2,697,166	41.89
Donkeys Aged 3 Years and Older by Purpose						
All Uses .....	4,947,001	76.84	2,225,132	34.56	2,721,870	42.28
Transportation .....	3,814,620	59.25	1,765,705	27.42	2,048,914	31.82
Draught.....	941,930	14.63	405,086	6.29	536,843	8.34
Other Uses.....	190,452	2.96	54,340	0.84	136,112	2.11
Total Mules .....	368,781	100	177,162	48.04	191,619	51.96
Under 3 Years.....	49,901	13.53	25,751	6.98	24,149	6.55
3 years and older.....	318,881	86.47	151,411	41.06	167,469	45.41
Mules Aged 3 Years and Older by Purpose						
All Uses .....	319,568	86.66	150,308	40.76	169,260	45.9
Transportation .....	283,485	76.87	130,699	35.44	152,786	41.43
Draught.....	28,171	7.64	15,535	4.21	12,636	3.43
Other Uses.....	7,912	2.15	4,074	1.1	3,838	1.04
Total Camels .....	979,318	100	358,779	36.64	620,540	63.36
Under 4 Years.....	280,698	28.66	124,630	12.73	156,069	15.94
4 years and older.....	698,620	71.34	234,149	23.91	464,471	47.43
Camels Aged 4 Years and Older by Purpose						
All Uses .....	671,105	68.53	229,362	23.42	441,743	45.11
Meat.....	44,862	4.58	30,426	3.11	14,436	1.47
Milk.....	227,786	23.26			227,786	23.26
Transportation .....	195,039	19.92	155,472	15.88	39,567	4.04
Draught.....	6,951	0.71	5,911	0.6	1,040	0.11
Other Uses.....	196,467	20.06	37,553	3.83	158,914	16.23

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



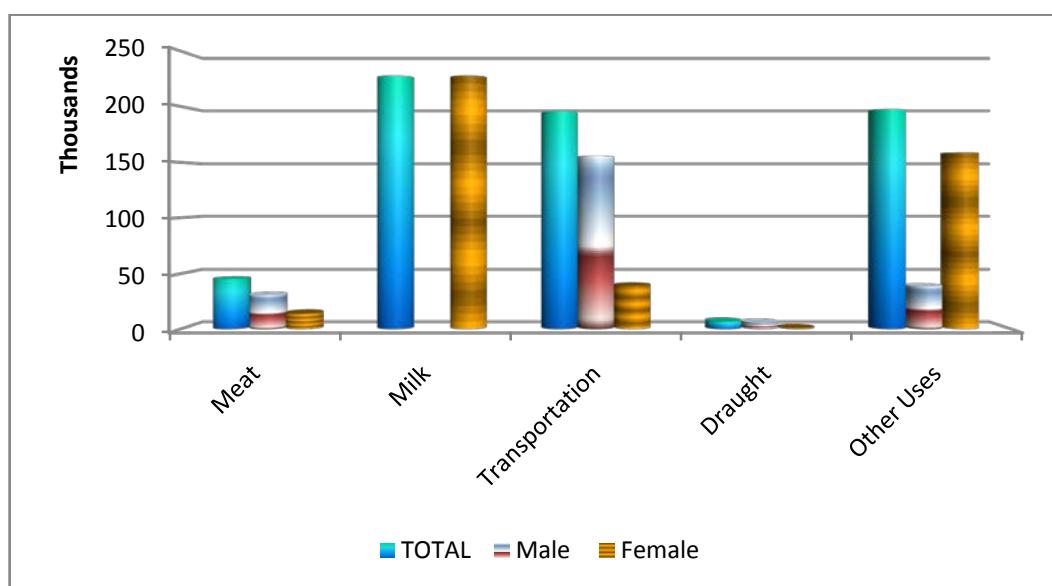
\* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

**FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX**



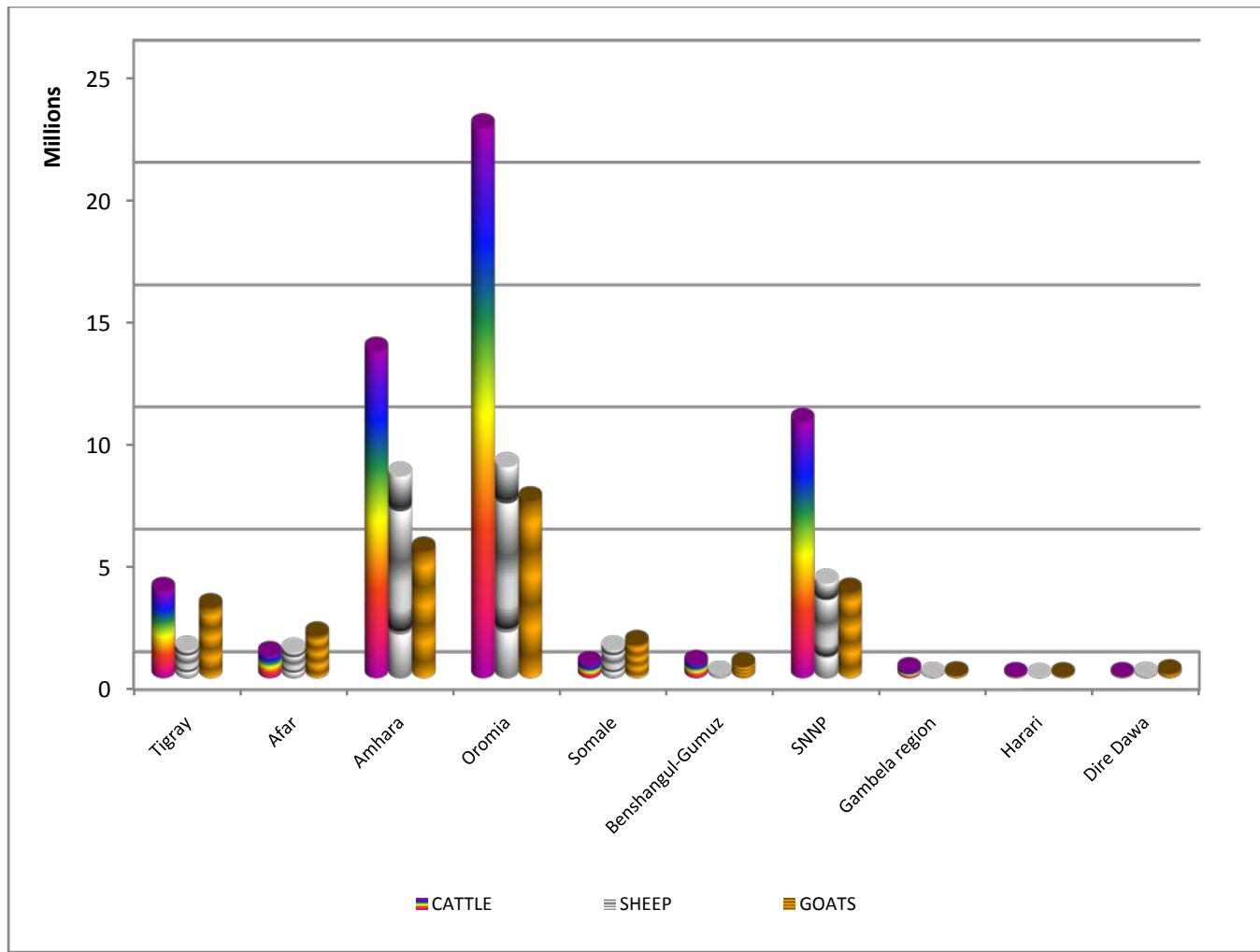
Considering the purpose of the mules, the data shows that the predominance (76.87%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 23.08 percent of the camels reported were kept for milk, 19.80 percent were for transportation, and only 0.7 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 45.3 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



### 3.1.4 Poultry Population

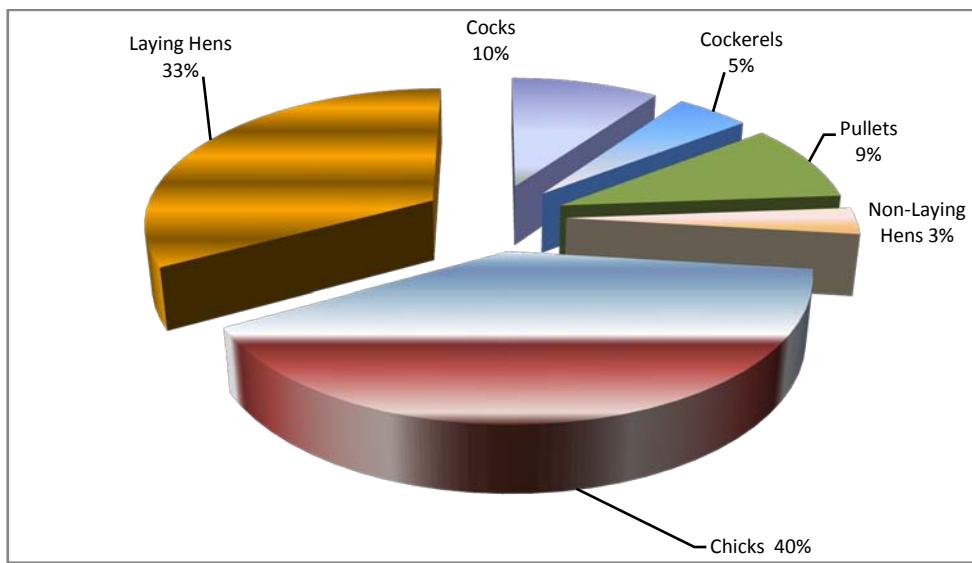
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 44.89 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (40.11 percent), followed by laying hens (33 percent). Pullets are estimated to be about 4.12 million in the country. Cocks and cockerels are also estimated separately, and are 4.3 million and about 2.2 million, respectively. The others are non-laying hens that make up about 3.1 percent (1.39 million) of the total poultry population in the country. With regard to breed, 96.46 percent, 0.57 percent and 2.97 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 - 2011/12**

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry.....	44,893,009	100	43,304,090	96.46	256,330	0.57	1,332,589	2.97
Cocks.....	4,381,338	9.76	4,206,765	9.37	29,086	0.06	145,488	0.32
Cockerels.....	2,170,997	4.84	2,097,037	4.67	14,150	0.03	59,809	0.13
Pullets.....	4,125,249	9.19	3,970,709	8.84	27,157	0.06	127,383	0.28
Non-Laying Hens .....	1,393,876	3.1	1,340,232	2.99	8,009	0.02	45,636	0.1
Chicks.....	18,007,499	40.11	17,530,553	39.05	54,843	0.12	422,104	0.94
Laying Hens .....	14,814,050	33	14,158,795	31.54	123,086	0.27	532,169	1.19

**FIGURE III.10 DISTRIBUTION OF POULTRY BY TYPE**



### 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 Tadesse, 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 Tadesse, 1993 E.C.; P.Seegeren et al, 1996).

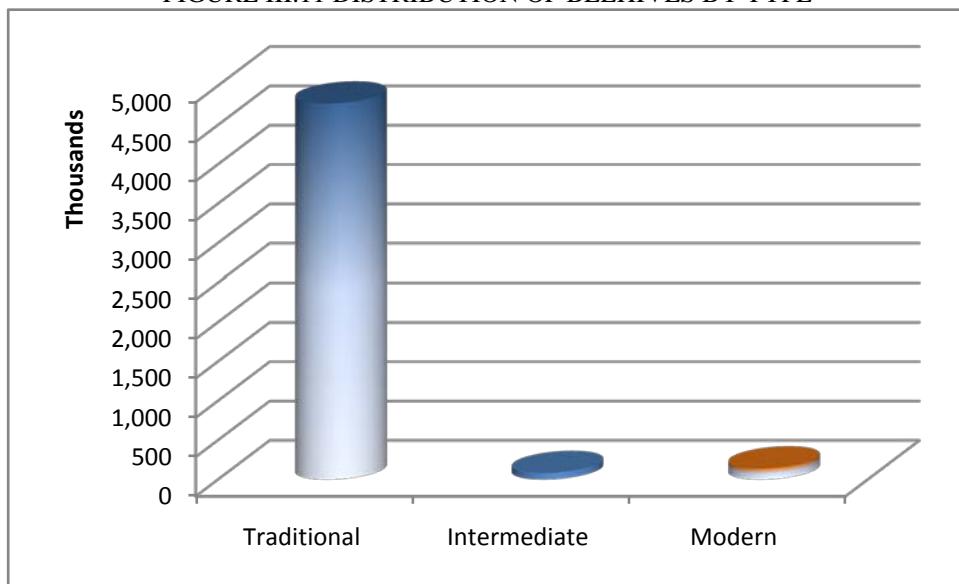
*Modern Hive [Hive with Frames]* is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept 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 Tadesse, 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, 2010 to November 10, 2011). Accordingly, the result of the survey revealed that a total of about 5.0 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (95.57 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,  
Ethiopia - 2011/12

Type of Beehive	Number	%
All Beehives.....	4,993,815	100
Traditional Beehives .....	4,772,537	95.57
Intermediate Beehives.....	81,596	1.63
Modern Beehives .....	139,682	2.8

FIGURE III.11 DISTRIBUTION OF BEEHIVES BY TYPE



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 64.65 million chickens, 10.45 million sheep, 10.05 million cattle and 9.69 million goats were born during the reference period in the rural sedentary 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 19.87 million animals (either to build their stock or for some other reasons) and acquired about 2.29 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 - 2011/12**

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle .....	10,054,710	4,853,332	5,201,378	4,103,954	2,494,316	1,609,638	789,227	332,038	457,189
Sheep.....	10,448,107	5,047,471	5,400,635	4,045,569	2,163,201	1,882,368	515,288	123,142	392,147
Goats .....	9,585,719	4,442,012	5,143,707	1,937,292	703,608	1,233,684	299,101	50,469	248,631
Horses.....	163,510	81,048	82,462	225,633	130,711	94,923	14,799	3,379	11,420
Donkeys .....	616,024	319,185	296,839	770,513	443,358	327,155	35,870	13,830	22,040
Mules.....	24,169	12,177	11,993	66,316	35,004	31,311	3,170	*	2,395
Camels.....	166,579	74,650	91,930	40,583	32,259	8,324	1,767	*	*
Poultry .....	64,650,909	30,338,551	34,312,358	8,679,177	3,671,056	5,008,121	620,492	192,436	428,056

### **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 11.31 million chickens, 6.15 million sheep, 6.22 million cattle and about 4.13 million goats were sold and about 17.99 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 20.10 million animals and households have also offered about 1.77 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 - 2011/12**

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	6,220,134	3,874,441	2,345,693	407,457	232,257	175,199	5,049,944	2,058,710	2,991,234	600,737	237,009	363,729
Sheep	6,153,306	3,302,090	2,851,216	3,313,454	2,413,374	900,080	4,593,976	1,457,159	3,136,817	291,447	80,710	210,737
Goats	4,126,339	2,093,479	2,032,860	1,773,854	1,202,671	571,183	4,582,057	1,564,627	3,017,430	281,393	70,688	210,704
Horses	177,286	110,632	66,654				218,940	112,850	106,090	9,125	2,518	6,606
Donkeys	505,838	291,476	214,362				490,991	226,851	264,140	19,031	6,983	12,048
Mules	38,382	18,440	19,942				32,368	15,521	16,848	785	*	*
Camels	46,957	40,162	6,795	5,735	2,796	*	84,392	33,328	51,063	6,883	3,042	*
Poultry	11,306,635	6,070,167	5,236,468	12,492,621	7,632,050	4,860,571	5,049,944	2,058,710	2,991,234	557,068	174,088	382,980

\* 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 areas of the country during the reference period, is about 3.33 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 176.4 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 1.5 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 3.4 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 39.89 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 1.55, 1.57, and 1.56 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 94.7 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 4, 6 and 1 for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 21, 32 and 69 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, 26 and 65 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,  
Ethiopia - 2011/12**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)....		1.543	
Average Lactation Period (Months).....		6	
Total Milk Production (Liters).....		3,329,854,796	
Camel Milk			
Average Daily Milk Production (Liters/Camel)...		3.413	
Average Lactation Period (Months).....		9	
Total Milk Production (Liters).....		176,399,866	
Honey Production			
All Types of Beehives (Number).....		4,993,815	
Production (Kilograms) .....		39,891,459	
Average Frequency (Harvests/Year).....		1.55	
Traditional Beehives (Number).....		4,772,537	
Production (Kilograms) .....		36,487,937	
Average Frequency (Harvests/Year)....		1.55	
Intermediate Beehives (Number).....		81,596	
Production (Kilograms) .....		475,855	
Average Frequency (Harvests/Year)....		1.57	
Modern Beehives (Number).....		139,682	
Production (Kilograms) .....		2,927,667	
Average Frequency (Harvests/Year)....		1.56	
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	4	*	1
Average Length of a Period (in days).....	21	32	69
Average Number of Eggs/Hen/Period.....	12	26	65
Total Egg Production (Number).....	78,894,848	14,844,827	936,107

### **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 - 2011/12**

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax <sup>3</sup>	Blackleg <sup>4</sup>	Pleuro-Pneumonia <sup>5</sup>	Hemorrhagic Septicemia <sup>6</sup>	Others
Cattle.....	18,479,097	5854098	5991196	1862571	3165970	1926909
Sheep.....	3,952,015	355647	441147	881869	883713	1405569
Goats.....	3,348,250	376151	474202	977854	910605	620955
Draught animal	79,773	11,699	13,817	41,803	7585	*
Camels .....	-	-	-	-	-	-
Total	25,859,135	6,597,595	6,920,362	3,764,097	4,967,873	3,953,433

**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2011/12**

Item	Number	%
Total Afflicted .....	49,712,956	100
Cattle .....	8,978,652	18.06
Sheep .....	5,208,185	10.48
Goats .....	4,584,548	9.22
Horses, Donkeys, and Mules .	1,282,226	2.58
Camels .....	83,362	0.17
Poultry .....	29,575,984	59.49
Total Treated .....	10,644,089	100
Cattle .....	5,032,302	47.28
Sheep .....	1,715,009	16.11
Goats .....	1,140,052	10.71
Horses, Donkeys, and Mules .	620,843	5.83
Camels .....	28,921	0.27
Poultry .....	2,106,963	19.79

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 25.9 million. Out of these animals, about 71.5 percent were cattle followed by sheep, which took about 15 percent share. Goats also accounted for about 13 percent of the total vaccinated animals. The survey results revealed that no information was given on camel vaccination during the reference period.

<sup>3</sup> 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.

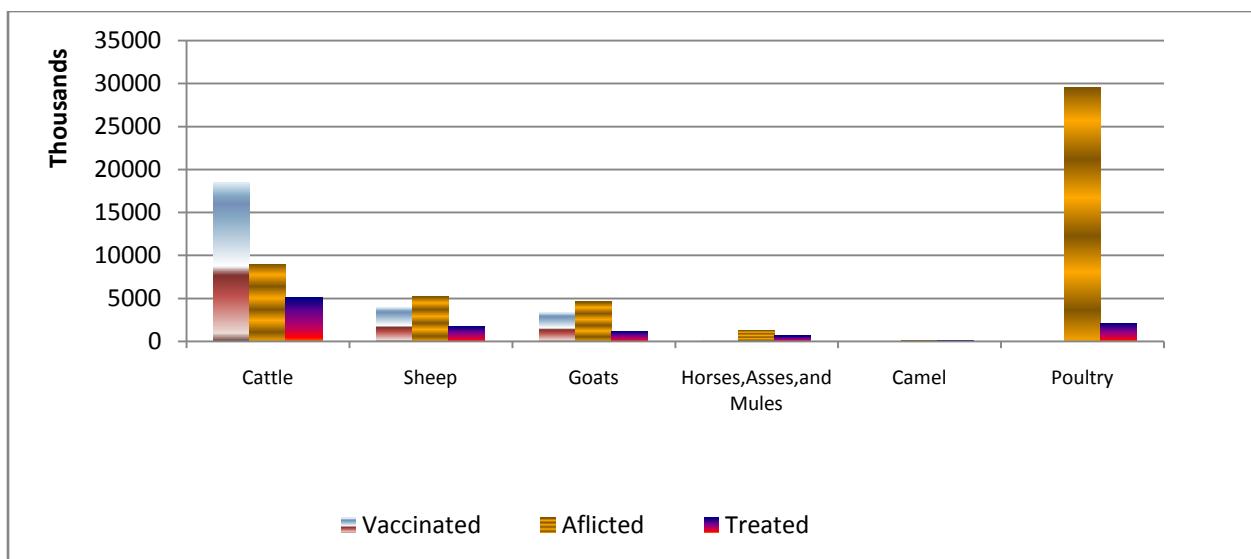
<sup>4</sup> Blackleg- is an infectious bacterial disease of farm animals that causes swellings on the legs.

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

<sup>6</sup> Hemorrhagic- septicemia- is an infectious bacterial disease of animals.

As indicated in Summary Tabel III.9b, about 49.7 million animals were diseased / afflicted by different types of diseases during the reference period and only about 10.64 million of them were treated. The cattle constituted about 47.28 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 LIVESTOCK<sup>7</sup>

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 53 percent, reported one to four cattle and considerable portion (about 21percent) of the holdings possess five to nine cattle. About 21 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

<sup>7</sup> 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 - 2011/12**

Size	Number of Holdings	%
All Holdings.....	15,088,459	100
Holdings with no Cattle...	3,163,790	20.97
1-2 Head.....	4,160,706	27.58
3-4 Head.....	3,778,385	25.04
5-9 Head.....	3,118,351	20.67
10-19 Head.....	745,124	4.94
20-49 Head.....	113,603	0.75
50-99 Head.....	5,887	0.04
100-199 Head.....	1,725	0.01
>=200 Head.....	888	0.01

The result of the survey also revealed that about 22 percent and 15 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 67 percent and about 74 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 – 2011/12**

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	15,088,459	100	15,088,459	100
Holdings with no Sheep/Goats.	10,072,821	66.76	11,218,434	74.35
1-4 Head.....	3,285,454	21.77	2,332,331	15.46
5-9 Head.....	1,222,769	8.1	981,936	6.51
10-49 Head.....	496,269	3.29	533,298	3.53
50-99 Head.....	8,103	0.05	17,391	0.12
100-199 Head.....	2,635	0.02	3,570	0.02
200-499 Head.....	408	*	1,426	0.01
>=500 Head.....	-	-	73	*

With regard to drought animals, from the holdings that owned draught animals, most of them were with one to two head. About 99 percent, 98 percent, 91 percent, and 70 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 - 2011/12**

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%						
All Holdings.....	15,088,459	100	15,088,459	100	15,088,459	100	15,088,459	100
Holdings with no Animals.	13,803,510	91.48	10,615,287	70.35	14,751,387	97.77	14,871,152	98.56
1-2 Head.....	1,141,052	7.56	4,139,726	27.44	331,757	2.2	128,358	0.85
3-4 Head.....	121,198	0.8	305,846	2.03	4,209	0.03	30,561	0.2
5-9 Head.....	21,550	0.14	26,982	0.18	1,038	0.01	31,645	0.21
>= 10 Head.....	1,149	0.01	618	*	68	*	26,743	0.18

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (about 46 percent) holdings were also without poultry (see Summary Table III.10d).

**Summary Table III.10d: Number of Holdings by size of Poultry,  
Ethiopia - 2011/12**

Size	Number of Holdings	%
All Holdings.....	15,088,459	100
Holdings with no Poultry...	6,903,387	45.75
1-9 Head.....	6,792,269	45.02
10-49 Head.....	1,390,987	9.22
50-99 Head.....	1,816	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.

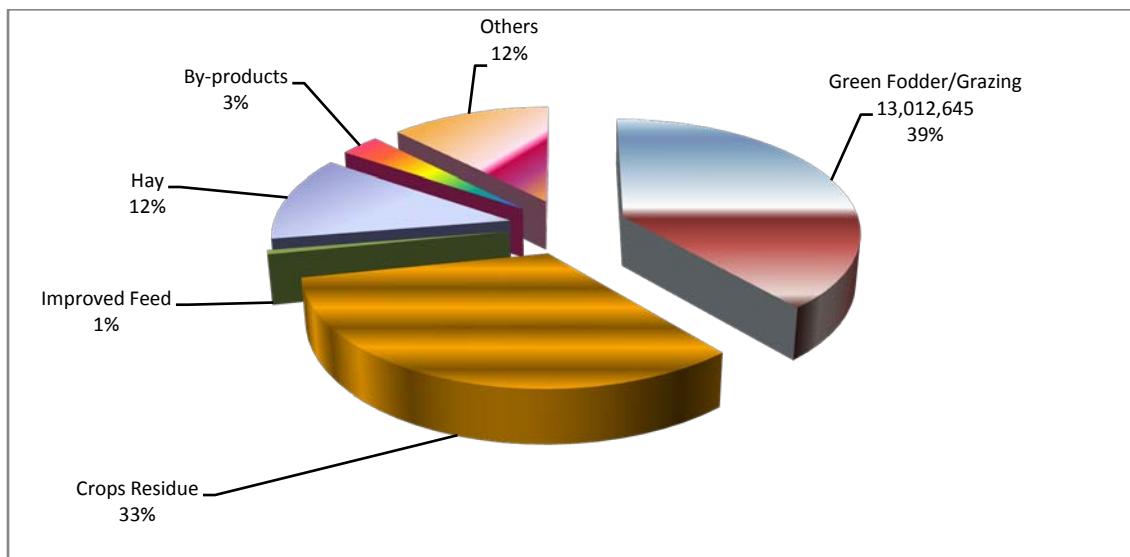
According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 39 percent) followed by crops residue that is 3 percent. Hay and by-products were also used as animal

feeds that comprise about 12 and 3 percent of the total feeds, respectively. Moreover, as shown in Summary Table III.11 and Figure III.13, very small amount of improved feed (about only 1 percent) was used as animal feed and other types of feed that accounted for about 12 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2011/12

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing .....	13,012,645	38.71
Crops Residue.....	11,124,702	33.09
Improved Feed.....	201,243	0.60
Hay .....	4,045,779	12.03
By-products .....	1,046,053	3.11
Others .....	4,187,532	12.46

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 13.01 million holders have used green fodder to feed their animals. Significant number of holders (about 11.12 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 4.04 million, and about 1.05 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 4.19 million) as well reported to use other types of feeds while about 201 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 - 2011/12**

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	13,012,645	11,124,702	201,243	4,045,779	1,046,053	4,187,532
Own Holding.....	5,090,470	9,735,528	143,452	2,627,444	488,880	2,812,807
Purchased.....	231,354	179,388	29,290	661,009	491,015	675,468
Communal Holdings/Government	3,809,607	116,245	6,628	81,721	3,595	50,501
From any Two or More Sources...	3,545,267	914,434	17,102	597,299	45,997	427,210
Other Sources.....	335,947	179,107	4,771	78,306	16,566	221,546

### **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 169 thousand holders were involved in livestock extension packages during the reference period. About 88 thousand holders were involved in beef and poultry development packages. More than 39 thousand of them were engaged in dairy development packages whereas about 13 percent of them have practiced honey and wax development package. Moreover, about 4 percent 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 - 2011/12**

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total .....	169,573	100
Dairy Development Package.....	39,145	23.08
Beef/Meat/Mutton Development Package.....	41,499	24.47
Poultry Development Package.....	46,307	27.31
Honey and Wax Development Package.....	22,128	13.05
Two or More of the Packages.....	7,068	4.17
others	13,426	7.92

**SUMMARY TABLE IV: TOTAL NUMBER OF LIVESTOCK AND LIVESTOCK PRODUCTS  
BY TYPE AT COUNTRY LEVEL**  
**FOR 2009/10 (2002 E.C), 2010/11 (2003 E.C) AND 2011/12 (2004 E.C)**

Livestock And Product Type	2009/10 (2002 E.C)	2010/11 (2003 E.C)	2011/12 (2004 E.C)	Percentage change of 2010/11 over 2009/10	Percentage change of 2011/12 over 2010/11
Cattle	50,884,005	53,382,194	52,129,017	4.9	-2.35
Sheep	25,979,919	25,509,004	24,221,384	-1.8	-5.05
Goats	20,833,336	22,786,946	22,613,105	9.38	-0.76
Horses	1,995,306	2,028,233	1,961,949	1.65	-3.27
Donkeys	5,715,129	6,209,665	6,438,435	8.65	3.68
Mules	365,584	385,374	368,781	5.41	-4.31
Camels	807,581	1,102,119	987,006	36.47	
Poultry	42,053,263	49,286,932	44,893,009	17.2	-8.91
Beehives	4,598,226	5,130,322	4,993,815	11.57	-2.66
Honey (in kg)	41,524,967	53,675,361	39,891,459	29.26	-25.68
Cow Milk (in lit)	2,940,216,526	4,057,998,244	3,329,854,796	38.02	-17.94
Camel Milk	150,315,343	262,821,534	176,399,866	74.85	-32.88
Egg	78,065,930*	98,301,052	94,675,782		

“\*” The amount of egg production for 2009/10 is only for represent indegenious poultry breed

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

**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
<b>Ethiopia</b>	52,129,017	24,221,384	22,613,105	1,961,949	6,438,435	368,781	979,318	44,893,009	4,993,815
<b>Tigray</b>	3,539,395	1,121,537	2,874,520	3,974	578,273	3,752	35,946	5,003,126	219,036
North West Tigray	1,103,332	61,411	1,053,529	-	122,168	*	10,273	1,423,880	38,325
Central Tigray	712,635	281,314	897,857	*	149,524	*	*	1,327,042	77,525
Eastern Tigray	357,888	455,170	185,837	*	94,222	*	-	664,857	42,411
Southern Tigray	714,845	276,943	369,894	1,525	159,999	*	16,981	913,916	43,706
Western Tigray	650,697	46,698	367,402	*	52,361	693	6,685	673,433	17,068
<b>Afar</b>	910,797	1,042,163	1,713,660	*	57,796	*	276,630	57,993	-
Zone 1	622,655	653,652	1,087,304	*	28,653	-	127,861	*	-
Zone 3	288,143	388,511	626,356	-	29,143	*	148,769	55,832	-
<b>Amhara</b>	13,354,797	8,227,862	5,189,432	432,209	2,309,433	136,292	55,626	14,116,725	965,293
North Gonder	2,598,507	791,965	1,146,150	24,718	353,184	10,653	*	3,748,192	185,635
South Gonder	1,396,947	743,673	492,647	30,157	238,926	19,043	-	1,548,272	102,810
North Wolo	1,029,232	947,597	663,974	37,356	227,985	10,630	13,804	1,298,377	59,724
South Wolo	1,570,336	1,701,563	734,409	78,171	352,493	27,855	18,457	1,502,892	129,516
North Shewa	1,313,506	1,484,066	666,034	49,913	357,598	12,086	10,817	1,349,267	64,649
East Gojam	1,668,041	1,032,089	333,802	98,826	331,607	15,527	-	959,651	138,534
West Gojam	2,130,561	834,679	277,809	31,507	255,009	24,976	-	2,187,210	135,044
Waghamera	401,725	239,582	567,714	*	78,104	4,655	-	527,947	58,280
awi	930,692	384,999	124,199	80,797	68,166	10,867	-	699,771	77,073
Oromia	292,236	65,338	162,273	*	43,159	-	10,354	266,762	12,638
Argoba Special Wereda	23,014	2,310	20,421	*	3,203	-	885	28,385	1,390
<b>Oromia</b>	22,481,530	8,618,970	7,226,944	1,143,865	2,776,094	150,893	310,420	16,345,099	2,738,127
West Wellega	964,244	285,612	152,360	*	119,332	5,479	-	1,294,747	334,732
East Wellega	1,073,128	233,258	160,937	*	91,397	3,828	-	820,992	157,564
Illubabor	960,939	398,182	185,350	44,148	29,006	11,100	-	1,033,485	415,547
Jimma	2,267,701	875,052	304,376	84,659	77,146	22,192	-	1,439,794	514,655
West Shewa	2,241,351	977,586	382,900	166,476	208,698	8,786	-	1,298,862	193,343
North Shewa	1,509,643	1,063,951	223,245	107,368	254,553	3,739	-	763,221	66,682
East Shewa	973,563	299,284	488,512	13,000	247,399	7,087	*	926,465	13,786
Arsi	2,295,138	1,207,182	653,327	202,467	369,218	21,587	*	1,449,583	94,453
West Harerghe	1,073,655	157,019	758,530	*	203,721	2,948	34,929	1,189,252	82,547
East Harerghe	1,259,842	388,017	1,070,975	*	294,412	2,437	48,585	1,463,185	55,358
Bale	1,553,000	325,931	751,422	71,998	222,044	22,658	40,280	671,913	201,738
Borena	983,466	365,520	849,261	*	77,241	3,037	82,681	551,678	81,315
South West Shewa	1,006,218	324,973	235,617	49,827	167,889	4,290	-	753,553	72,710
Guji	1,235,514	481,085	445,051	138,668	85,481	16,233	*	549,677	167,443
West Arsi	2,010,706	820,329	370,119	203,274	223,303	*	-	918,011	84,626
Kelem Wellega	418,265	232,884	74,674	10,348	35,972	4,584	-	820,393	118,589
Horoguduru Wellega	655,155	183,106	120,289	40,907	69,281	3,426	-	400,287	83,041

**TABLE 3-1 CONT'D**

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
<b>Somale</b>	503,821	1,134,856	1,365,265	*	102,971	*	290,649	113,004	*
Shinele	19,694	51,155	192,890	-	7,591	*	11,645	4,762	*
Jijiga	296,843	805,308	545,537	*	48,892	*	85,054	17,645	*
Liben	187,283	278,392	626,839	*	46,488	*	193,951	90,598	*
<b>Benshangul-Gumuz</b>	552,106	98,058	454,460	*	67,102	1,774	-	1,140,816	230,241
Metekel	449,725	55,193	182,527	*	34,151	1,604	-	568,944	115,771
Asosa	63,860	18,706	192,840	-	25,978	*	-	393,331	43,584
Kemeshi	26,197	14,279	56,427	-	4,757	*	-	122,620	*
Mao Komo	12,324	9,880	22,665	-	2,216	*	-	55,922	44,678
<b>SNNP</b>	10,437,409	3,865,819	3,506,210	376,402	521,257	74,131	*	7,690,931	779,235
Gurage	1,052,098	307,280	120,455	65,362	72,335	3,698	-	581,075	38,933
Hadiya	840,124	228,459	144,656	33,742	85,299	8,746	-	712,024	43,221
Kembata Tembaro	304,915	91,183	34,816	6,698	23,691	1,170	-	247,325	18,814
Sidama	2,058,349	433,464	253,041	59,466	84,718	*	-	1,176,288	90,559
Gedio	134,558	181,521	11,606	21,515	5,946	3,937	-	141,630	46,500
Wolayita	723,343	161,554	103,599	*	32,611	2,033	-	625,616	26,980
South Omo	1,059,570	687,357	1,526,174	13,747	18,012	5,501	*	496,487	76,846
Shaka	131,677	65,195	18,542	7,645	3,427	715	-	147,891	78,261
Kaffa	856,475	429,104	232,547	70,988	*	11,620	-	827,340	150,835
Gamo Gofa	1,308,815	493,259	301,418	33,633	44,477	12,834	-	775,071	49,655
Bench Maji	353,431	138,773	82,892	11,555	*	1,993	-	476,438	37,769
Yem Sp. Wereda	63,941	28,409	25,351	869	3,492	*	-	33,632	8,384
Amaro Sp. Wereda	147,736	49,127	74,777	3,746	*	*	-	105,684	17,858
Burji Sp. Wereda	46,429	2,958	28,923	-	4,037	63	-	22,166	*
Konso Sp. Wereda	125,988	103,421	196,274	-	6,648	*	-	182,447	*
Derashe Sp. Wereda	81,181	30,208	86,102	*	12,142	*	-	126,580	6,203
Dawro	333,887	99,213	60,773	7,716	1,634	6,778	-	207,553	18,955
Basketo Sp. Wereda	35,592	16,661	7,617	355	665	518	-	36,858	3,651
Konta Sp. Wereda	95,735	21,522	14,165	1,723	*	751	-	89,425	13,520
Silte	507,480	247,964	123,543	33,799	82,848	1,585	-	520,851	20,964
Alaba Sp. Wereda	176,086	49,187	58,939	2,405	32,745	*	-	158,549	9,788
Gambela region	251,367	50,602	79,623	729	*	*	-	301,735	58,402
Agnuwak	17,061	*	9,662	-	*	-	-	98,341	*
Nuware	183,363	40,012	56,705	-	-	-	-	100,952	-
Mezhenger	17,362	4,319	1,916	729	*	*	-	39,667	31,072
Itang Special	33,582	5,752	11,341	-	-	-	-	62,775	-
					9,170				
<b>Harari</b>	48,331	5,122	41,964	*	9,170	-	2,015	43,235	928
Hundene	48,331	5,122	41,964	*	16,115	-	2,015	43,235	928
<b>Dire Dawa</b>	49,465	56,397	161,027	-	102,971	-	7,790	80,345	756

**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
<b>Ethiopia</b>	52,129,017	2,343,920	2,123,144	3,730,268	14,233,785	728,029	2,485,607	2,304,021	4,593,754	18,866,607	719,882
<b>Tigray</b>	3,539,395	170,868	123,638	225,324	1,094,032	81,506	189,454	125,900	263,099	1,200,915	64,659
North West Tigray	1,103,332	51,025	47,256	68,281	289,811	26,875	56,638	44,794	91,585	402,079	24,987
Central Tigray	712,635	28,253	12,742	42,179	279,518	19,085	34,444	19,333	46,451	224,398	6,232
Eastern Tigray	357,888	18,196	8,817	26,890	126,259	8,447	16,625	10,910	27,385	108,267	6,091
Southern Tigray	714,845	33,548	24,290	44,777	247,111	21,107	44,164	23,512	45,269	220,745	10,322
Western Tigray	650,697	39,846	30,533	43,197	151,333	5,992	37,583	27,351	52,410	245,426	17,027
<b>Afar</b>	910,797	53,163	34,056	38,459	74,201	*	86,542	67,706	107,100	443,123	5,119
Zone 1	622,655	36,852	22,607	22,314	50,900	*	59,113	44,774	66,568	313,928	4,394
Zone 3	288,143	16,311	11,449	16,145	23,301	*	27,429	22,931	40,531	129,195	*
<b>Amhara</b>	13,354,797	517,018	425,722	996,110	4,485,413	342,534	526,003	444,290	1,057,590	4,332,487	227,630
North Gonder	2,598,507	121,580	95,195	192,337	757,501	54,927	124,467	88,338	224,763	890,017	49,382
South Gonder	1,396,947	65,612	36,051	90,497	474,777	40,029	50,081	46,514	107,693	458,588	27,105
North Wolo	1,029,232	51,745	39,908	85,227	299,459	12,404	58,318	34,812	82,255	351,816	13,288
South Wolo	1,570,336	60,842	62,280	119,631	551,364	11,944	75,722	63,445	130,902	482,209	11,998
North Shewa	1,313,506	29,298	44,113	102,336	550,825	44,732	31,902	47,060	87,042	358,091	18,107
East Gojam	1,668,041	39,214	47,823	125,922	622,445	85,902	40,061	45,124	118,527	509,742	33,281
West Gojam	2,130,561	69,814	50,900	160,566	750,560	69,979	64,726	66,704	167,641	681,674	47,995
Waghamera	401,725	20,284	10,973	26,998	122,585	8,716	23,981	12,153	29,410	139,597	7,027
Awi	930,692	41,269	24,868	69,641	263,746	11,516	38,949	29,141	84,958	350,706	15,895
Oromia	292,236	16,350	12,924	20,761	84,853	1,973	16,486	9,954	22,502	103,057	3,376
Argoba S. W.	23,014	1,010	687	2,194	7,299	411	1,309	1,043	1,897	6,990	175
<b>Oromia</b>	22,481,530	1,009,464	952,069	1,669,442	6,260,737	256,118	1,065,030	1,018,086	2,010,790	7,957,313	282,481
West Wellega	964,244	34,876	40,945	69,620	278,010	6,972	33,406	37,565	82,454	373,335	7,061
East Wellega	1,073,128	39,709	44,938	91,134	306,650	12,087	41,295	49,085	94,100	375,256	18,874
Illubabor	960,939	37,244	41,136	83,084	266,698	6,607	42,545	43,350	99,756	332,704	7,814
Jimma	2,267,701	90,773	94,294	176,669	672,445	7,851	105,370	100,121	210,374	797,100	12,705
West Shewa	2,241,351	86,581	96,692	187,778	687,279	34,839	90,773	108,715	196,051	721,301	31,343
North Shewa	1,509,643	46,157	68,414	111,687	507,150	37,750	49,285	68,706	119,160	475,390	25,944
East Shewa	973,563	31,981	34,548	66,710	360,502	33,615	33,789	38,535	73,640	286,251	13,992
Arsi	2,295,138	124,694	87,207	151,703	731,464	32,623	129,170	85,680	175,563	743,209	33,824
West Harerghe	1,073,655	58,938	53,001	85,883	295,806	*	57,843	49,561	101,797	346,636	16,757
East Harerghe	1,259,842	81,273	62,604	135,892	191,298	*	73,669	55,045	150,738	486,514	22,123
Bale	1,553,000	89,682	65,484	84,375	451,564	9,305	87,033	78,093	105,605	563,299	18,561
Borena	983,466	46,479	43,989	61,034	144,834	*	67,085	57,706	108,894	442,642	8,813
South West Shewa	1,006,218	29,198	42,356	76,390	351,705	29,885	24,978	39,195	86,852	313,231	12,429
Guji	1,235,514	58,258	45,632	78,846	261,960	3,441	67,435	63,012	115,660	524,921	16,349
West Arsi	2,010,706	123,652	85,017	125,907	397,330	15,842	124,295	95,108	205,614	813,774	24,167
Kelem Wellega	418,265	14,876	15,322	34,597	146,078	2,600	15,139	19,088	33,215	134,046	3,305
Horoguduru Wellega	655,155	15,093	30,492	48,130	209,966	12,589	21,920	29,521	51,320	227,704	8,420

**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
<b>Somale</b>	503,821	32,230	26,912	35,045	68,897	*	33,924	29,307	49,398	223,368	4,125
Shinele	19,694	1,355	1,345	1,105	2,710	-	1,415	1,458	1,474	8,714	*
Jijiga	296,843	23,631	18,130	21,222	39,074	*	23,671	18,011	25,452	125,369	2,015
Liben	187,283	7,244	7,437	12,719	27,113	*	8,837	9,838	22,471	89,286	1,991
<b>Benshangul-Gumuz</b>	552,106	21,957	20,755	46,558	154,252	7,071	26,676	22,206	57,296	186,311	9,022
Metekel	449,725	19,412	18,471	38,327	120,475	6,616	24,152	18,301	46,301	148,869	8,803
Asosa	63,860	1,282	*	5,085	22,180	*	1,295	2,041	7,293	23,589	-
Kemeshi	26,197	868	969	1,968	7,781	*	794	1,591	2,047	9,750	*
Mao Komo	12,324	396	444	1,179	3,816	-	435	273	1,656	4,104	*
<b>SNNP</b>	10,437,409	520,037	522,150	689,364	2,057,882	37,325	533,969	573,390	1,004,492	4,377,366	121,434
Gurage	1,052,098	44,566	60,617	60,067	138,445	3,052	58,839	70,264	107,300	484,741	24,206
Hadiya	840,124	35,432	43,589	54,369	205,667	*	41,066	44,546	79,075	326,974	6,392
Kembata Tembaro	304,915	10,048	13,555	16,277	66,376	*	13,494	15,957	26,623	137,273	3,636
Sidama	2,058,349	135,099	123,387	109,928	103,049	*	118,287	132,782	217,642	1,082,031	35,155
Gedio	134,558	3,161	3,496	15,177	43,287	*	3,291	4,080	11,317	50,220	*
Wolayita	723,343	34,289	37,407	58,156	147,607	5,012	31,233	37,047	59,279	290,836	22,479
South Omo	1,059,570	45,029	50,617	75,782	249,132	2,144	50,784	63,685	124,150	395,093	3,155
Shaka	131,677	5,781	8,107	12,674	23,587	-	7,136	8,963	12,969	52,236	*
Kaffa	856,475	42,058	43,607	67,623	218,211	*	49,401	37,187	79,533	315,246	3,482
Gamo Gofa	1,308,815	66,110	56,376	98,627	306,766	*	62,732	66,435	124,447	519,743	5,816
Bench Maji	353,431	18,523	15,402	21,818	92,676	*	21,546	16,225	32,198	134,521	*
Yem Sp. Wereda	63,941	1,896	2,272	4,108	23,524	*	1,699	2,337	4,667	22,668	*
Amaro Sp. Wereda	147,736	5,680	6,535	10,795	40,396	1,820	5,542	7,708	14,974	52,104	*
Burji Sp. Wereda	46,429	1,725	1,727	2,279	20,205	256	1,731	1,620	2,493	14,171	*
Konso Sp. Wereda	125,988	6,978	3,486	8,701	43,364	*	5,623	4,994	8,857	43,592	*
Derashe Sp. Wereda	81,181	3,043	2,860	4,847	35,554	*	2,797	3,409	4,753	22,364	*
Dawro	333,887	17,055	16,064	24,781	74,232	*	16,516	16,552	35,092	129,563	2,149
Basketo Sp. Wereda	35,592	1,514	1,449	3,051	9,463	*	1,466	1,872	2,952	13,334	*
Konta Sp. Wereda	95,735	4,849	4,614	6,904	24,993	*	4,385	4,613	8,769	35,873	*
Silte	507,480	26,270	20,917	24,497	141,014	*	24,914	26,204	34,955	192,921	6,832
Alaba Sp. Wereda	176,086	10,933	6,067	8,902	50,336	*	11,487	6,910	12,448	61,862	*
Gambela Region	251,367	14,333	12,698	18,418	24,737	*	17,877	18,559	32,083	106,975	4,178
Angnuwak	17,061	864	690	1,708	6,917	-	1,078	667	867	4,111	*
Nware	183,363	9,907	9,229	13,546	14,182	*	13,321	14,401	25,363	78,602	3,423
Mezhenger	17,362	1,448	1,403	911	1,074	-	1,299	1,528	1,852	7,695	151
Itang Special	33,582	2,115	1,376	2,253	2,564	120	2,179	1,964	4,000	16,567	444
<b>Harari</b>	48,331	2,447	2,734	5,719	6,548	*	2,675	1,993	5,804	19,717	673
Hundene	48,331	2,447	2,734	5,719	6,548	*	2,675	1,993	5,804	19,717	673
<b>Dire Dawa</b>	49,465	2,402	2,410	5,830	7,087	-	3,457	2,584	6,101	19,032	562

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
<b>Ethiopia</b>	24,221,384	3,153,522	1,072,934	897,506	1,367,060	3,308,853	1,340,248	1,688,312	11,392,948
<b>Tigray</b>	1,121,537	131,857	63,177	35,138	58,054	134,342	72,547	95,767	530,655
North West Tigray	61,411	6,197	3,865	4,113	2,370	5,815	3,598	7,502	27,952
Central Tigray	281,314	32,509	17,194	9,042	13,586	33,134	17,506	19,589	138,755
Eastern Tigray	455,170	50,434	27,691	14,124	24,573	55,569	28,077	37,443	217,258
Southern Tigray	276,943	34,843	12,503	7,591	15,731	34,942	19,610	28,139	123,584
Western Tigray	46,698	7,874	*	*	1,794	4,882	3,756	*	23,106
<b>Afar</b>	1,042,163	79,388	46,156	51,885	80,992	117,812	89,829	125,068	451,033
Zone 1	653,652	58,037	29,704	26,002	47,810	79,384	56,953	62,844	292,919
Zone 3	388,511	21,351	16,452	25,883	33,182	38,428	32,875	62,225	158,114
<b>Amhara</b>	8,227,862	1,074,623	336,363	319,741	462,063	1,101,333	370,741	458,381	4,104,618
North Gonder	791,965	110,724	26,449	22,625	35,983	114,223	37,570	45,407	398,985
South Gonder	743,673	121,122	24,940	16,229	23,619	106,274	32,594	37,704	381,191
North Wolo	947,597	111,199	39,873	36,180	63,438	111,892	58,490	58,647	467,879
South Wolo	1,701,563	182,577	83,781	102,152	137,977	197,471	63,497	76,536	857,572
North Shewa	1,484,066	170,034	66,235	69,469	108,664	209,475	72,898	96,673	690,618
East Gojam	1,032,089	149,755	24,178	17,371	36,400	148,354	40,876	55,225	559,929
West Gojam	834,679	134,406	38,254	29,583	21,560	119,811	27,723	42,856	420,485
Waghamera	239,582	21,658	15,288	13,279	20,286	30,864	*	21,542	99,527
Awi	384,999	64,914	13,300	7,140	7,371	56,275	17,151	18,451	200,398
Oromia	65,338	8,063	3,923	5,451	6,440	6,338	2,736	5,291	27,097
Argoba Special	2,310	172	142	263	324	357	68	*	936
<b>Oromia</b>	8,618,970	1,301,077	370,957	247,782	331,726	1,356,021	487,710	538,018	3,985,680
West Wellega	285,612	43,558	15,489	8,352	10,681	43,447	21,167	21,681	121,238
East Wellega	233,258	43,719	15,916	7,330	4,850	39,607	13,139	10,566	98,131
Illubabor	398,182	62,016	18,194	10,450	9,917	65,497	20,575	27,341	184,192
Jimma	875,052	124,307	40,525	35,333	24,502	129,442	44,397	54,994	421,551
West Shewa	977,586	160,373	43,352	30,236	27,486	160,758	53,294	56,305	445,782
North Shewa	1,063,951	165,066	22,910	27,654	33,748	182,942	44,620	68,419	518,593
East Shewa	299,284	37,932	11,731	7,611	12,384	48,652	19,423	23,696	137,855
Arsi	1,207,182	196,768	58,697	36,495	48,679	202,960	68,285	62,501	532,797
West Harerghe	157,019	24,389	5,378	3,199	3,987	23,008	8,258	8,716	80,083
East Harerghe	388,017	48,925	15,742	16,648	24,892	51,038	21,712	23,519	185,540
Bale	325,931	56,337	10,334	7,378	12,168	47,402	17,970	18,151	156,191
Borena	365,520	38,251	17,548	10,343	30,646	46,324	24,861	27,888	169,659
South West Shewa	324,973	49,664	19,077	8,468	11,717	49,807	14,554	24,022	147,665
Guji	481,085	57,819	17,760	12,429	43,983	64,545	28,582	31,198	224,769
West Arsi	820,329	122,307	36,524	18,008	18,512	126,542	59,930	55,232	383,274
Kelem Wellega	232,884	41,082	13,151	4,161	8,447	40,224	16,855	14,308	94,655
Horoguduru Wellega	183,106	28,564	8,629	3,687	5,126	33,825	10,087	9,481	83,706

TABLE 3-3 CONT'D

Geographic Area	ALL SHEEP	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
<b>Somale</b>	1,134,856	74,722	62,377	85,815	162,634	91,951	75,490	123,804	458,064
Shinele	51,155	5,244	2,646	2,146	5,387	5,526	4,225	3,877	22,106
Jijiga	805,308	45,352	45,508	67,904	124,119	58,865	53,749	90,558	319,253
Liben	278,392	24,126	14,223	15,765	33,128	27,560	17,516	29,369	116,705
<b>Benshangul-Gumuz</b>	98,058	14,472	5,213	3,901	5,337	15,872	5,467	7,440	40,356
Metekel	55,193	7,993	2,693	2,277	2,431	9,205	2,471	4,459	23,663
Asosa	18,706	2,277	1,298	*	*	3,090	1,306	1,531	6,895
Kemeshi	14,279	2,383	*	758	930	1,644	860	925	6,048
Mao komo	9,880	1,819	493	279	252	1,933	830	526	3,749
<b>SNNP</b>	3,865,819	465,480	182,065	147,207	260,496	478,708	229,874	325,614	1,776,375
Gurage	307,280	35,292	15,957	8,729	9,159	38,638	21,007	32,185	146,312
Hadiya	228,459	32,210	11,860	6,336	10,286	26,815	16,595	21,664	102,694
Kembata Tembaro	91,183	10,872	5,960	4,318	9,871	9,280	6,125	4,811	39,945
Sidama	433,464	70,014	27,876	9,327	7,614	48,514	27,782	24,692	217,644
Gedio	181,521	19,299	10,643	8,777	13,235	22,399	10,560	9,724	86,885
Wolayita	161,554	24,291	8,690	7,926	5,458	22,563	13,310	14,784	64,533
South Omo	687,357	55,993	29,697	38,246	97,022	67,417	36,492	69,368	293,123
Shaka	65,195	10,089	3,657	1,656	2,117	11,758	3,951	3,758	28,208
Kaffa	429,104	65,952	14,076	10,755	13,454	70,556	22,229	24,043	208,039
Gamo Gofa	493,259	44,978	22,959	22,289	33,512	55,918	26,866	60,142	226,596
Bench Maji	138,773	19,076	5,937	2,563	5,761	17,748	8,456	9,949	69,283
Yem Sp. Wereda	28,409	4,310	1,556	429	397	3,859	1,723	1,353	14,784
Amaro Sp. Wereda	49,127	3,512	3,155	3,283	5,784	3,327	2,477	4,625	22,964
Burji Sp. Wereda	2,958	276	160	163	378	348	135	274	1,224
Konso Sp. Wereda	103,421	7,690	3,026	5,904	25,450	7,385	3,636	7,091	43,239
Derashe Sp. Wereda	30,208	3,577	1,081	643	3,854	3,037	1,737	1,877	14,403
Dawro	99,213	13,594	4,702	4,608	4,569	15,982	6,207	9,555	39,997
Basketo Sp. Wereda	16,661	1,886	650	829	759	2,373	1,034	1,368	7,763
Konta Sp. Wereda	21,522	3,228	1,211	2,228	1,626	3,083	841	1,790	7,515
Silte	247,964	31,641	7,636	7,378	8,603	40,891	15,340	19,830	116,645
Alaba Sp. Wereda	49,187	7,703	1,577	821	1,589	6,816	3,371	2,732	24,578
<b>Gambela Region</b>	50,602	5,297	3,266	2,984	4,048	6,461	4,935	7,075	16,536
Angnuwak	*	*	*	*	*	*	-	*	*
Nuware	40,012	4,075	2,768	2,382	3,276	5,243	4,062	6,146	12,058
Mezhenger	4,319	687	207	281	*	596	370	286	1,760
Itang Special	5,752	484	215	296	470	582	502	617	2,585
<b>Harari</b>	5,122	449	362	225	407	548	264	555	2,312
Hundene	5,122	449	362	225	407	548	264	555	2,312
<b>Dire Dawa</b>	56,397	6,157	2,998	2,828	1,304	5,807	3,392	6,589	27,321

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

Geographic Area	ALL GOATS	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
<b>Ethiopia</b>	22,613,105	2,890,80	1,102,25	991,734	1,730,60	3,149,800	1,507,50	1,759,11	9,481,284
<b>Tigray</b>	2,874,520	367,686	125,777	117,171	196,885	394,825	198,331	225,542	1,248,302
North West Tigray	1,053,529	131,405	43,653	47,303	60,444	142,443	81,121	99,980	447,180
Central Tigray	897,857	113,535	35,434	37,649	79,481	124,767	52,571	60,467	393,954
Eastern Tigray	185,837	18,943	8,776	5,655	10,285	23,855	11,029	13,905	93,390
Southern Tigray	369,894	50,965	22,273	14,639	24,779	51,404	21,087	22,712	162,036
Western Tigray	367,402	52,839	15,641	11,926	21,896	52,356	32,523	28,479	151,741
<b>Afar</b>	1,713,660	122,585	73,326	78,792	131,234	196,701	154,649	226,579	729,794
Zone 1	1,087,304	85,909	45,248	41,954	81,259	124,781	99,925	129,388	478,840
Zone 3	626,356	36,676	28,079	36,838	49,975	71,920	54,725	97,190	250,954
<b>Amhara</b>	5,189,432	773,586	261,772	240,662	410,372	806,465	304,887	312,029	2,079,660
North Gonder	1,146,150	194,160	53,254	50,722	52,990	204,511	74,022	75,304	441,188
South Gonder	492,647	75,973	26,878	24,080	32,617	75,820	25,369	23,613	208,298
North Wolo	663,974	82,926	35,403	29,097	55,598	92,787	44,989	47,448	275,726
South Wolo	734,409	108,954	43,829	31,839	83,229	99,244	34,746	36,498	296,070
North Shewa	666,034	85,557	33,586	46,147	94,976	99,734	32,493	32,681	240,861
East Gojam	333,802	64,031	8,552	9,782	20,342	61,193	19,359	11,569	138,973
West Gojam	277,809	49,755	15,204	13,587	12,670	46,966	13,807	19,569	106,252
Waghamera	567,714	57,247	29,309	25,240	40,595	77,433	44,437	50,461	242,992
Awi	124,199	24,385	7,545	3,792	7,724	19,819	5,736	5,441	49,757
Oromia	162,273	27,575	7,187	5,479	8,013	25,534	8,843	7,876	71,767
Argoba Special	20,421	3,022	1,025	898	1,617	3,426	1,088	1,569	7,776
<b>Oromia</b>	7,226,944	1,055,46	342,687	257,936	383,868	1,121,828	462,607	498,440	3,104,116
West Wellega	152,360	28,260	9,048	4,402	6,621	27,246	8,778	8,827	59,178
East Wellega	160,937	30,722	8,561	3,718	6,276	31,694	11,487	6,645	61,834
Illubabor	185,350	34,078	9,727	6,995	4,694	31,628	11,065	12,848	74,316
Jimma	304,376	48,923	13,478	6,889	7,074	47,595	17,767	25,976	136,672
West Shewa	382,900	70,668	19,322	17,201	13,364	70,400	29,091	30,864	131,990
North Shewa	223,245	40,257	10,279	4,499	11,945	39,009	13,699	16,319	87,237
East Shewa	488,512	71,586	19,558	14,995	27,626	78,898	37,406	31,210	207,233
Arsi	653,327	102,589	31,595	17,135	26,622	105,904	40,985	59,189	269,309
West Harerghe	758,530	110,294	32,673	30,017	38,352	117,546	43,989	43,142	342,517
East Harerghe	1,070,975	145,531	58,004	60,716	64,059	131,850	54,858	75,692	480,266
Bale	751,422	104,670	31,963	21,686	35,881	117,810	40,256	43,945	355,212
Borena	849,261	87,615	37,538	30,402	71,933	120,041	65,638	63,706	372,388
South West Shewa	235,617	41,486	11,120	6,641	15,174	42,992	14,479	15,294	88,432
Guji	445,051	48,507	22,191	18,043	35,427	56,694	34,949	28,112	201,127
West Arsi	370,119	55,183	17,226	9,033	10,832	62,573	27,773	28,382	159,117
Kelem Wellega	74,674	12,805	4,327	3,177	2,621	14,974	3,850	5,018	27,903
Horoguduru Wellega	120,289	22,288	6,078	2,389	5,366	24,974	6,536	3,272	49,385

TABLE 3-4 CONT'D

Geographic Area	ALL GOATS	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
<b>Somale</b>	1,365,265	107,584	68,207	68,397	174,296	139,054	93,793	115,853	598,081
Shinele	192,890	15,904	10,913	10,020	14,036	19,582	16,887	18,492	87,057
Jijiga	545,537	47,634	28,430	27,845	76,104	62,128	35,741	41,232	226,422
Liben	626,839	44,046	28,864	30,533	84,156	57,343	41,165	56,129	284,603
<b>Benshangul-Gumuz</b>	454,460	62,663	27,264	17,059	21,489	69,763	36,588	41,625	178,008
Metekel	182,527	28,352	11,909	8,807	6,951	30,042	13,309	14,700	68,457
Asosa	192,840	22,776	11,277	6,127	10,248	27,439	16,318	21,898	76,757
Kemeshi	56,427	7,435	3,045	1,668	3,895	7,791	5,257	3,011	24,326
Mao Komo	22,665	4,100	1,033	457	395	4,492	1,704	2,017	8,468
<b>SNNP</b>	3,506,210	370,738	188,289	197,142	397,012	386,461	234,882	308,476	1,423,209
Gurage	120,455	16,267	5,138	5,842	7,654	16,919	8,941	9,867	49,826
Hadiya	144,656	19,160	8,566	6,127	5,212	20,953	12,039	9,270	63,329
Kembata Tembaro	34,816	3,842	2,051	1,357	1,200	4,420	2,399	2,709	16,836
Sidama	253,041	43,851	8,474	9,805	18,365	36,885	13,417	14,376	107,867
Gedio	11,606	*	*	855	2,111	*	*	*	5,295
Wolayita	103,599	15,128	3,425	3,002	4,725	16,125	8,317	8,962	43,914
South Omo	1,526,174	94,331	81,983	121,333	*	115,862	109,698	177,892	560,326
Shaka	18,542	2,630	1,888	573	593	3,194	766	1,312	7,585
Kaffa	232,547	39,053	13,037	6,142	5,922	35,117	13,353	16,256	103,667
Gamo Gofa	301,418	42,523	20,953	12,415	16,347	39,211	20,572	17,215	132,182
Bench Maji	82,892	9,750	5,877	2,040	4,773	12,578	4,519	4,711	38,644
Yem Sp. Wereda	25,351	4,153	1,038	406	549	3,869	1,450	1,476	12,410
Amaro Sp. Wereda	74,777	9,575	4,904	3,537	5,538	8,084	4,719	5,299	33,121
Burji Sp. Wereda	28,923	3,316	1,312	1,309	3,713	3,564	1,427	1,874	12,408
Konso Sp. Wereda	196,274	19,322	8,123	9,367	35,160	19,053	9,034	12,563	83,652
Derashe Sp. Wereda	86,102	8,049	4,386	4,604	10,692	8,070	6,130	6,836	37,335
Dawro	60,773	8,667	4,265	2,562	2,648	10,334	4,641	5,651	22,006
Basketo Sp. Wereda	7,617	744	410	419	810	850	496	881	3,006
Konta Sp. Wereda	14,165	1,603	1,483	712	*	1,754	1,054	1,593	5,384
Silte	123,543	17,724	7,713	3,110	4,253	19,037	8,338	6,902	56,466
Alaba Sp. Wereda	58,939	10,165	3,073	1,625	1,413	9,106	3,253	2,354	27,950
<b>Gambela Region</b>	79,623	9,967	5,236	3,581	4,977	12,875	7,997	7,682	27,307
Angnuwak	9,662	1,598	699	*	*	1,821	821	1,010	3,056
Nuware	56,705	6,527	3,719	2,513	3,520	9,379	6,184	5,612	19,251
Mezhenger	1,916	209	*	130	222	325	122	237	491
Itang Special	11,341	1,633	640	643	872	1,351	870	824	4,508
<b>Harari</b>	41,964	4,709	1,873	3,527	2,720	4,470	2,261	5,095	17,310
Hundene	41,964	4,709	1,873	3,527	2,720	4,470	2,261	5,095	17,310
<b>Dire Dawa</b>	161,027	15,820	7,828	7,467	7,754	17,358	11,508	17,796	75,497

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	1,961,949	188,164	777,921	203,732	792,131	6,438,435	795,584	2,191,302	754,383	2,697,166	
Tigray	3,974	*	1,890	*	*	578,273	71,415	239,105	60,592	207,161	
North West Tigray	-	-	-	-	-	122,168	13,243	43,888	11,789	53,248	
Central Tigray	*	-	*	*	*	149,524	15,837	61,199	16,937	55,551	
Eastern Tigray	*	*	*	-	*	94,222	14,961	36,107	10,717	32,437	
Southern Tigray	1,525	*	*	-	*	159,999	22,760	66,301	17,059	53,879	
Western Tigray	*	-	*	-	*	52,361	4,614	31,611	4,090	12,046	
Afar	*	-	*	-	*	57,796	6,982	19,810	8,050	22,954	
Zone 1	*	-	*	-	*	28,653	3,229	8,482	4,670	12,272	
Zone 3	-	-	-	-	-	29,143	3,753	11,328	3,380	10,682	
Amhara	432,209	35,695	143,166	49,853	203,495	2,309,433	321,540	672,412	315,060	1,000,420	
North Gonder	24,718	*	4,509	*	13,037	353,184	42,066	134,226	36,752	140,140	
South Gonder	30,157	1,738	9,576	2,824	16,019	238,926	35,675	42,839	34,560	125,852	
North Wolo	37,356	*	11,432	7,037	16,405	227,985	35,628	49,381	31,384	111,592	
South Wolo	78,171	6,533	14,238	12,265	45,136	352,493	58,677	79,048	58,717	156,051	
North Shewa	49,913	8,488	8,096	9,637	23,692	357,598	44,966	139,457	45,119	128,055	
East Gojam	98,826	5,553	47,189	10,969	35,115	331,607	47,691	84,525	46,729	152,663	
West Gojam	31,507	2,728	8,216	*	*	255,009	33,345	78,042	35,293	108,329	
Waghamera	*	-	*	*	*	78,104	8,474	31,540	9,097	28,993	
Awi	80,797	2,788	39,477	2,840	35,692	68,166	8,825	22,073	10,863	26,405	
Oromia	*	-	*	-	-	43,159	5,809	10,205	6,155	20,990	
Argoba Special	*	-	-	-	*	3,203	384	1,077	392	1,349	
Oromia	1,143,865	120,024	473,314	116,340	434,186	2,776,094	337,066	946,790	316,737	1,175,501	
West Wellega	*	*	*	*	*	119,332	14,117	33,437	17,054	54,724	
East Wellega	*	*	*	*	*	91,397	10,744	36,237	8,239	36,177	
Illubabor	44,148	5,593	13,370	6,318	18,867	29,006	3,154	8,554	5,030	12,269	
Jimma	84,659	13,224	27,142	*	36,595	77,146	7,989	29,934	6,009	33,214	
West Shewa	166,476	16,313	74,883	19,600	55,680	208,698	29,569	62,628	27,610	88,890	
North Shewa	107,368	14,888	29,014	15,556	47,910	254,553	40,153	55,974	37,866	120,559	
East Shewa	13,000	*	9,846	-	*	247,399	27,950	98,318	24,491	96,639	
Arsi	202,467	23,493	70,106	22,670	86,198	369,218	50,238	106,657	53,944	158,380	
West Harerghe	*	-	-	-	*	203,721	19,536	81,694	19,583	82,909	
East Harerghe	*	*	-	*	*	294,412	35,432	113,551	31,608	113,822	
Bale	71,998	3,492	41,333	4,331	22,842	222,044	25,070	93,803	18,793	84,378	
Borena	*	-	*	-	*	77,241	6,861	29,293	7,041	34,046	
South West Shewa	49,827	4,703	30,802	2,742	11,580	167,889	22,675	47,190	21,551	76,473	
Guji	138,668	10,355	66,224	7,697	54,392	85,481	5,426	36,973	5,054	38,028	
West Arsi	203,274	19,344	90,668	21,259	72,003	223,303	23,566	75,253	22,030	102,453	
Kelem Wellega	10,348	*	3,525	*	4,397	35,972	3,378	18,379	2,648	11,567	
Horoguduru Wellega	40,907	5,066	13,743	6,205	15,892	69,281	11,208	18,915	8,186	30,972	

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			
<b>Somale</b>	*	*	*	-	-	102,971	9,648	40,205	9,932	43,186			
Shinele	-	-	-	-	-	7,591	841	3,127	889	2,735			
Jijiga	*	-	*	-	-	48,892	4,988	16,800	6,086	21,018			
Liben	*	*	*	-	-	46,488	3,819	20,278	2,958	19,433			
<b>Benshangul-Gumuz</b>	*	*	*	-	-	67,102	7,800	37,729	5,091	16,482			
Metekel	*	*	*	-	-	34,151	3,742	22,216	1,861	6,332			
Asosa	-	-	-	-	-	25,978	3,361	11,027	2,940	8,650			
Kemeshi	-	-	-	-	-	4,757	365	3,772	*	534			
Mao Komo	-	-	-	-	-	2,216	332	715	203	966			
<b>SNNP</b>	376,402	31,385	156,603	37,317	151,096	521,257	37,865	226,797	35,772	220,823			
Gurage	65,362	8,816	13,549	9,517	33,479	72,335	5,585	24,749	6,831	35,170			
Hadiya	33,742	2,774	10,301	2,678	17,988	85,299	4,104	27,550	8,992	44,653			
Kembata Tembaro	6,698	797	2,842	*	2,840	23,691	2,104	18,047	*	3,111			
Sidama	59,466	*	37,517	*	17,894	84,718	*	54,932	*	20,083			
Gedio	21,515	*	10,818	*	7,802	5,946	*	4,943	*	*			
Wolayita	*	*	*	-	-	32,611	*	27,055	*	*			
South Omo	13,747	590	*	1,550	5,049	18,012	2,411	5,931	2,429	7,242			
Shaka	7,645	*	4,313	854	1,991	3,427	-	3,427	-	-			
Kaffa	70,988	7,027	38,504	7,229	18,229	*	-	*	-	*			
Gamo Gofa	33,633	2,956	*	4,451	16,308	44,477	2,232	18,145	*	22,510			
Bench Maji	11,555	846	4,321	1,250	5,137	*	-	481	*	*			
Yem Sp. Wereda	869	*	246	*	494	3,492	251	1,033	516	1,691			
Amaro Sp. Wereda	3,746	*	2,097	*	1,273	*	*	*	*	*			
Burji Sp. Wereda	-	-	-	-	-	4,037	367	1,698	345	1,628			
Konso Sp. Wereda	-	-	-	-	-	6,648	*	3,281	748	2,235			
Derashe Sp. Wereda	*	*	*	-	*	12,142	534	8,726	*	2,098			
Dawro	7,716	476	3,424	*	3,223	1,634	*	1,300	-	*			
Basketo Sp. Wereda	355	*	218	-	*	665	*	276	*	318			
Konta Sp. Wereda	1,723	*	1,410	*	*	*	-	*	-	-			
Silte	33,799	2,036	8,343	5,297	18,123	82,848	7,192	16,700	6,741	52,215			
Alaba Sp. Wereda	2,405	*	1,326	*	835	32,745	3,236	4,831	3,050	21,628			
<b>Gambela Region</b>	729	*	681	-	-	*	*	*	*	*			
Angnuwak	-	-	-	-	-	*	*	*	*	*			
Nuware	-	-	-	-	-	-	-	-	-	-			
Mezhenger	729	*	681	-	-	*	-	-	*	-			
Itang Special	-	-	-	-	-	-	-	-	-	-			
<b>Harari</b>	*	*	*	*	*	9,170	839	4,782	781	2,768			
Hundene	*	*	*	*	*	9,170	839	4,782	781	2,768			
<b>Dire Dawa</b>	-	-	-	-	-	16,115	2,404	3,497	2,342	7,871			

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
<b>Ethiopia</b>	368,781	25,751	151,411	24,149	167,469	979,318	124,630	234,149	156,069	464,471
<b>Tigray</b>	3,752	-	1,245	*	2,312	35,946	5,384	27,468	*	*
North West Tigray	*	-	-	-	*	10,273	*	9,450	-	*
Central Tigray	*	-	-	*	*	*	*	*	-	-
Eastern Tigray	*	-	-	-	*	-	-	-	-	-
Southern Tigray	*	-	874	-	*	16,981	4,517	9,587	*	*
Western Tigray	693	-	*	-	*	6,685	-	6,685	-	-
<b>Afar</b>	*	-	*	*	*	276,630	26,941	42,898	58,021	148,770
Zone 1	-	-	-	-	-	127,861	14,188	24,389	21,982	67,302
Zone 3	*	-	*	*	*	148,769	12,753	18,509	36,039	81,468
<b>Amhara</b>	136,292	14,346	45,729	13,671	62,547	55,626	6,909	47,694	*	*
North Gonder	10,653	-	2,708	*	7,512	*	*	*	-	*
South Gonder	19,043	*	7,396	*	8,790	-	-	-	-	-
North Wolo	10,630	*	2,626	1,408	5,365	13,804	*	12,811	-	-
South Wolo	27,855	5,058	7,757	3,176	11,864	18,457	*	16,377	-	-
North Shewa	12,086	2,429	3,765	2,090	3,802	10,817	-	10,817	-	-
East Gojam	15,527	*	7,077	-	6,823	-	-	-	-	-
West Gojam	24,976	1,690	5,353	4,331	13,602	-	-	-	-	-
Waghamera	4,655	*	2,169	*	2,144	-	-	-	-	-
Awi	10,867	1,123	6,879	*	2,645	-	-	-	-	-
Oromia	-	-	-	-	-	10,354	3,231	6,537	*	*
Argoba Special	-	-	-	-	-	885	169	715	-	-
<b>Oromia</b>	150,893	7,119	66,665	7,795	69,314	310,420	53,217	52,225	48,812	156,165
West Wellega	5,479	*	2,293	*	2,479	-	-	-	-	-
East Wellega	3,828	-	2,329	-	1,499	-	-	-	-	-
Illubabor	11,100	*	2,926	*	7,168	-	-	-	-	-
Jimma	22,192	*	3,978	3,456	11,841	-	-	-	-	-
West Shewa	8,786	*	3,533	*	3,980	-	-	-	-	-
North Shewa	3,739	*	*	*	2,097	-	-	-	-	-
East Shewa	7,087	-	7,087	-	-	*	*	*	*	*
Arsi	21,587	*	10,596	1,127	8,789	*	*	*	*	*
West Harerghe	2,948	-	1,973	-	975	34,929	5,962	*	9,249	15,317
East Harerghe	2,437	-	*	-	1,485	48,585	10,837	6,995	5,890	24,863
Bale	22,658	-	12,257	*	9,876	40,280	6,901	9,911	4,682	18,786
Borena	3,037	-	*	-	*	82,681	13,841	21,393	10,392	37,056
South West Shewa	4,290	-	*	*	2,757	-	-	-	-	-
Guji	16,233	*	7,078	-	8,373	*	*	*	*	*
West Arsi	*	-	*	-	*	-	-	-	-	-
Kelem Wellega	4,584	*	1,830	-	2,443	-	-	-	-	-
Horoguduru Wellega	3,426	*	1,660	*	1,482	-	-	-	-	-

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	
<b>Somale</b>	*	-	*	*	*	*	290,649	30,564	61,251	47,197	151,638
Shinele	*	-	*	*	*	*	11,645	1,542	2,098	1,782	6,222
Jijiga	*	-	*	*	*	*	85,054	10,772	19,556	17,526	37,199
Liben	*	-	*	-	-	-	193,951	18,250	39,597	27,888	108,217
<b>Benshangul-Gumuz</b>	1,774	-	1,019	-	755	-	-	-	-	-	-
Metekel	1,604	-	998	-	605	-	-	-	-	-	-
Asosa	*	-	-	-	*	-	-	-	-	-	-
Kemeshi	*	-	-	-	*	-	-	-	-	-	-
Mao komo	*	-	*	-	*	-	-	-	-	-	-
<b>SNNP</b>	74,131	4,286	36,052	1,963	31,830	*	-	-	*	-	*
Gurage	3,698	*	*	*	*	*	-	-	-	-	-
Hadiya	8,746	-	4,759	*	3,729	-	-	-	-	-	-
Kembata Tembaro	1,170	*	*	*	*	*	-	-	-	-	-
Sidama	*	*	*	-	*	-	-	-	-	-	-
Gedio	3,937	*	2,362	-	1,407	-	-	-	-	-	-
Wolayita	2,033	*	1,824	-	-	-	-	-	-	-	-
South Omo	5,501	*	1,451	*	*	*	-	-	*	-	*
Shaka	715	-	425	-	*	-	-	-	-	-	-
Kaffa	11,620	744	7,878	*	2,842	-	-	-	-	-	-
Gamo Gofa	12,834	*	5,998	-	6,529	-	-	-	-	-	-
Bench Maji	1,993	-	910	-	1,083	-	-	-	-	-	-
Yem Sp. Wereda	*	*	114	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	*	-	806	-	*	-	-	-	-	-	-
Burji Sp. Wereda	63	-	*	-	*	-	-	-	-	-	-
Konso Sp. Wereda	*	-	*	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	*	-	-	-	-	-	-
Dawro	6,778	*	3,371	541	2,231	-	-	-	-	-	-
Basketo Sp. Wereda	518	-	304	-	214	-	-	-	-	-	-
Konta Sp. Wereda	751	*	272	-	339	-	-	-	-	-	-
Silte	1,585	*	*	*	817	-	-	-	-	-	-
Alaba Sp. Wereda	*	-	*	-	*	-	-	-	-	-	-
<b>Gambela Region</b>	*	-	*	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	-	*	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	2,015	*	*	*	*	1,140
Hundene	-	-	-	-	-	2,015	*	*	*	*	1,140
<b>Dire Dawa</b>	-	-	-	-	-	7,790	1,373	2,463	1,113	2,840	-

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
<b>Ethiopia</b>	33,100,393	12,807,609	397,935	582,081	631,069	7,172,478	200,177	99,536	10,394,732	1,238,938
<b>Tigray</b>	2,294,947	1,056,816	2,718	36,453	16,419	100,603	11,195	4,689	1,082,735	15,750
North West Tigray	691,890	269,294	*	16,955	3,185	44,373	2,279	*	350,015	4,819
Central Tigray	503,915	277,707	-	2,841	2,501	4,702	1,961	*	215,871	*
Eastern Tigray	234,527	119,951	*	3,195	*	8,628	2,749	*	94,854	3,930
Southern Tigray	467,856	247,505	-	*	6,822	5,836	2,073	*	217,171	3,495
Western Tigray	396,759	142,359	997	7,810	*	37,064	*	1,113	204,823	*
<b>Afar</b>	517,325	34,541	1,061	45,900	474	203,168	1,217	*	261,666	*
Zone 1	364,828	27,226	*	30,607	*	133,640	943	*	200,467	*
Zone 3	152,497	7,315	1,006	15,293	*	69,528	*	*	61,199	*
<b>Amhara</b>	8,817,900	4,233,324	45,691	57,729	179,674	450,778	111,013	29,005	3,479,556	293,441
North Gonder	1,647,518	704,247	3,286	8,295	38,874	198,292	10,429	*	614,427	72,263
South Gonder	933,364	452,594	*	5,061	17,126	30,020	21,845	*	374,417	32,141
North Wolo	651,275	295,438	-	2,520	*	22,437	11,473	*	310,561	9,960
South Wolo	1,033,573	541,278	*	3,694	*	33,066	18,555	*	419,953	10,572
North Shewa	908,916	520,823	6,271	15,098	16,990	18,941	6,383	*	301,429	23,193
East Gojam	1,132,187	587,833	9,511	5,586	20,070	36,036	21,154	*	409,234	41,127
West Gojam	1,432,235	681,230	20,833	5,724	53,158	26,448	12,850	4,910	566,503	73,745
Waghamera	262,182	121,223	*	*	*	*	1,640	*	119,705	4,925
Awi	614,452	239,868	*	5,198	19,046	29,377	6,057	3,756	293,062	24,071
Oromia	187,910	81,356	*	1,879	2,201	37,215	*	*	64,233	*
Argoba Special	14,289	7,434	-	87	-	963	*	-	6,031	*
<b>Oromia</b>	14,218,050	5,634,589	232,732	248,664	232,394	3,045,240	57,727	35,488	4,531,999	404,922
West Wellega	651,345	254,576	4,287	8,561	9,374	72,041	10,363	*	261,388	30,339
East Wellega	681,906	282,221	3,754	3,750	18,076	18,673	*	1,887	330,563	23,025
Illubabor	599,401	256,798	5,936	2,629	3,389	105,872	*	*	211,393	10,884
Jimma	1,469,544	607,552	*	*	28,545	393,233	*	*	365,864	62,889
West Shewa	1,408,580	643,244	22,725	9,175	24,571	218,928	8,829	2,190	465,330	30,975
North Shewa	982,541	466,081	22,128	8,414	11,851	216,739	5,374	4,548	252,503	17,122
East Shewa	646,753	346,530	2,692	9,130	10,338	84,771	*	*	186,988	18,333
Arsi	1,474,673	663,404	15,194	20,593	38,623	258,059	2,806	5,912	421,990	61,063
West Harerghe	642,442	271,624	23,600	3,389	4,884	76,350	*	*	265,483	12,182
East Harerghe	677,812	148,181	32,231	5,028	6,788	127,019	*	-	343,419	17,621
Bale	1,014,863	415,411	8,836	5,093	24,611	382,937	*	*	133,327	46,192
Borena	587,476	87,941	8,425	51,833	5,288	207,118	2,868	4,446	231,473	7,443
South West Shewa	664,936	336,419	6,415	8,621	4,644	89,403	2,490	2,326	216,425	5,957
Guji	786,880	192,243	16,232	55,592	*	188,184	4,945	*	330,955	*
West Arsi	1,211,105	334,091	24,261	25,970	17,930	518,438	3,706	*	268,860	27,055
Kelem Wellega	280,124	139,838	1,708	1,153	3,008	11,957	*	*	120,282	2,359
Horoguduru Wellega	437,670	188,434	2,136	2,580	16,714	75,519	2,183	-	125,758	24,533

TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
<b>Somale</b>	292,265	36,481	9,176	27,250	*	66,372	*	*	162,392	*
Shinele	11,424	2,015	624	*	*	2,037	*	-	6,611	*
Jijiga	164,442	28,105	2,401	10,122	*	47,369	*	-	82,135	*
Liben	116,399	6,362	*	17,046	*	16,966	*	*	73,646	1,149
<b>Benshangul-Gumuz</b>	340,563	140,678	*	7,151	6,223	62,011	5,318	*	105,866	14,125
Metekel	269,343	108,712	*	5,641	5,921	51,573	*	*	84,609	12,021
Asosa	45,769	21,190	*	1,067	*	5,497	*	*	12,848	*
Kemeshi	17,531	7,046	*	333	*	3,212	*	*	6,122	*
Mao Komo	7,920	3,729	-	*	*	1,729	*	-	2,286	*
<b>SNNP</b>	6,435,248	1,653,228	101,863	142,173	194,471	3,188,829	12,711	27,408	682,785	502,948
Gurage	623,186	119,660	*	2,791	19,717	341,203	-	*	48,813	89,817
Hadiya	532,641	188,766	*	1,878	16,592	258,741	1,252	*	26,273	42,645
Kembata Tembaro	203,649	55,825	1,184	*	9,152	102,278	*	*	6,274	29,386
Sidama	1,185,080	63,076	8,470	20,088	11,415	876,376	-	4,683	108,642	91,070
Gedio	93,506	8,571	32,303	2,405	*	15,162	-	10,681	22,243	2,528
Wolayita	438,442	119,429	1,456	*	30,255	221,750	*	1,814	3,544	71,691
South Omo	644,225	102,343	*	*	*	157,922	*	*	*	*
Shaka	75,823	22,182	953	*	*	39,880	*	*	10,508	*
Kaffa	533,456	210,936	4,419	*	1,716	243,033	1,599	*	68,736	2,545
Gamo Gofa	826,509	264,112	8,872	22,899	22,336	427,149	*	2,174	59,336	45,075
Bench Maji	227,197	90,314	1,607	*	*	87,420	*	-	43,414	*
Yem Sp. Wereda	46,192	21,400	276	-	1,841	6,278	*	*	12,488	3,838
Amaro Sp. Wereda	92,500	37,177	1,112	1,212	895	31,047	*	*	18,554	*
Burji Sp. Wereda	34,376	18,047	*	*	269	7,546	*	-	6,312	313
Konso Sp. Wereda	86,956	31,653	7,018	1,817	2,658	29,033	*	*	12,663	1,755
Derashe Sp. Wereda	57,918	29,484	1,408	2,073	2,640	14,117	-	*	5,713	*
Dawro	203,795	61,692	2,044	*	11,023	102,703	789	659	1,044	26,368
Basketo Sp. Wereda	22,797	8,581	*	*	641	10,235	-	*	1,748	1,330
Konta Sp. Wereda	60,866	22,377	*	*	2,371	28,971	-	*	*	4,933
Silte	333,936	129,992	*	4,159	11,663	142,411	*	*	31,765	19,165
Alaba Sp. Wereda	112,198	47,610	-	1,180	3,589	45,574	*	-	10,978	7,783
<b>Gambela Region</b>	131,712	7,749	500	16,270	219	49,421	*	*	57,580	*
Angnuwak	11,028	6,630	*	*	-	3,336	-	-	*	-
Nuware	92,784	*	*	13,825	188	32,028	*	-	46,265	*
Mezhenger	8,769	1,057	-	-	*	6,855	-	-	723	114
Itang Special	19,131	*	404	2,102	*	7,201	*	*	9,344	-
<b>Harari</b>	26,264	4,133	1,878	416	475	4,301	*	-	14,572	1,474
Hundene	26,264	4,133	1,878	416	475	4,301	*	-	14,572	1,474
<b>Dire Dawa</b>	26,119	6,070	938	*	*	1,755	*	-	15,581	1,702

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
<b>Ethiopia</b>	13,052,365	531,332	6,820	838,905	100,639	54,988	50,359	11,402,88	66,435
<b>Tigray</b>	618,588	10,910	-	54,911	1,627	1,798	2,375	545,634	1,332
North West Tigray	30,322	*	-	2,127	-	189	-	27,763	-
Central Tigray	151,523	*	-	9,112	*	-	-	138,567	-
Eastern Tigray	253,953	5,635	-	22,281	*	1,192	1,221	222,558	526
Southern Tigray	157,890	*	-	19,827	*	417	1,153	133,640	806
Western Tigray	24,900	*	-	1,565	*	-	-	23,106	-
<b>Afar</b>	549,647	4,158	506	82,901	*	3,599	2,747	451,663	1,774
Zone 1	356,406	*	*	51,575	*	964	2,656	296,864	476
Zone 3	193,241	2,460	*	31,326	510	2,635	90	154,799	1,298
<b>Amhara</b>	4,615,922	203,063	*	213,673	66,361	12,029	17,284	4,077,641	22,256
North Gonder	435,569	7,698	-	27,468	*	522	1,043	396,070	859
South Gonder	406,299	13,671	-	8,837	*	751	2,037	378,421	530
North Wolo	540,387	19,661	*	44,222	*	254	4,311	468,838	2,168
South Wolo	997,373	40,350	-	62,638	36,072	2,362	2,336	849,810	3,805
North Shewa	802,687	70,065	*	29,269	9,001	2,171	3,499	680,645	5,042
East Gojam	599,468	21,329	-	13,307	*	825	412	560,302	2,079
West Gojam	464,902	19,000	*	3,757	*	2,363	3,407	421,557	3,927
Waghamera	122,597	2,567	-	19,109	*	1,525	-	97,613	1,504
Awi	211,136	6,586	-	2,063	*	1,258	238	196,336	2,343
Oromia	34,250	*	-	2,893	2,145	-	-	27,141	-
Argoba Special	1,255	65	-	110	172	-	-	907	-
<b>Oromia</b>	4,435,653	168,104	1,773	178,542	22,539	18,274	19,286	4,005,869	21,267
West Wellega	132,664	*	*	7,355	*	378	-	121,099	1,098
East Wellega	105,009	*	-	1,329	*	164	207	98,860	533
Illubabor	196,313	6,563	-	4,037	-	496	-	184,885	333
Jimma	482,846	15,536	-	*	*	7,064	2,025	434,870	1,836
West Shewa	496,522	19,678	-	12,187	*	3,069	2,440	452,159	4,248
North Shewa	559,147	17,589	*	11,552	*	1,918	816	516,447	6,218
East Shewa	152,817	7,714	-	6,330	-	583	-	137,513	677
Arsi	585,337	27,876	-	18,600	3,362	2,251	5,424	527,824	-
West Harerghe	83,632	1,658	-	2,329	-	265	-	79,379	-
East Harerghe	210,399	17,714	-	5,642	*	378	-	185,528	351
Bale	166,413	5,037	-	7,240	*	751	1,073	151,969	201
Borena	217,270	*	-	31,372	*	528	299	176,488	2,897
South West Shewa	163,140	8,638	-	4,680	-	192	250	149,172	209
Guji	283,651	15,550	*	34,009	-	234	2,605	230,010	960
West Arsi	407,603	8,224	*	11,862	*	-	2,293	383,112	1,192
Kelem Wellega	104,457	2,499	*	4,921	*	-	999	94,679	131
Horoguduru Wellega	88,433	3,297	*	1,723	*	-	856	81,874	383

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
<b>Somale</b>	642,151	49,925	*	122,549	*	7,031	1,950	459,442	692
Shinele	27,051	2,792	-	2,545	-	307	63	21,291	52
Jijiga	444,968	40,138	-	86,790	*	4,283	1,227	312,031	401
Liben	170,132	6,995	*	33,213	*	2,442	660	126,119	238
<b>Benshangul-Gumuz</b>	46,247	*	-	3,765	*	396	437	39,730	258
Metekel	26,417	*	-	2,081	*	327	224	23,344	91
Asosa	8,842	*	-	*	-	-	214	6,738	167
Kemeshi	6,920	*	-	607	-	28	-	5,962	-
Mao Komo	4,068	-	-	341	-	41	-	3,686	-
<b>SNNP</b>	2,092,468	92,295	*	178,246	7,301	11,732	6,075	1,778,279	18,088
Gurage	162,413	3,016	-	5,243	*	256	453	150,531	1,306
Hadiya	115,100	3,390	-	6,608	*	577	-	102,133	1,344
Kembata Tembaro	50,052	5,651	-	1,505	*	-	-	38,050	1,895
Sidama	225,946	3,013	-	4,601	-	626	1,156	216,084	467
Gedio	100,731	5,782	-	7,453	-	2,441	249	84,806	-
Wolayita	74,612	2,569	-	3,641	*	-	878	66,692	623
South Omo	394,676	*	-	77,255	*	2,323	540	291,310	1,408
Shaka	30,609	1,791	-	*	-	117	54	28,076	246
Kaffa	221,945	10,853	-	3,198	*	207	-	207,623	-
Gamo Gofa	288,099	8,713	*	35,283	-	3,446	2,464	233,260	4,674
Bench Maji	76,551	3,516	-	1,791	*	106	106	70,563	221
Yem Sp. Wereda	15,090	*	-	*	*	-	-	14,635	-
Amaro Sp. Wereda	28,927	2,947	-	2,896	-	329	-	22,700	55
Burji Sp. Wereda	1,617	93	-	284	-	20	-	1,220	-
Konso Sp. Wereda	68,788	11,425	*	13,478	*	622	97	42,521	-
Derashe Sp. Wereda	18,256	*	-	3,169	*	159	-	14,193	-
Dawro	44,730	2,097	-	2,319	-	386	-	36,447	3,481
Basketo Sp. Wereda	8,522	142	-	590	*	-	-	7,737	26
Konta Sp. Wereda	8,937	945	-	*	*	31	-	7,356	128
Silte	130,636	3,735	-	6,597	*	-	-	118,452	1,661
Alaba Sp. Wereda	26,228	*	-	1,390	-	86	79	23,893	554
<b>Gambela Region</b>	20,913	*	*	3,631	199	98	174	15,773	768
Angnuwak	*	*	-	*	-	-	-	132	-
Nuware	15,643	-	*	3,065	*	12	174	11,454	696
Mezhenger	1,949	*	-	*	-	-	-	1,760	-
Itang Special	3,055	*	*	366	*	86	-	2,427	72
<b>Harari</b>	2,955	336	-	*	*	31	31	2,408	-
Hundene	2,955	336	-	*	*	31	31	2,408	-
<b>Dire Dawa</b>	27,822	808	-	566	-	-	-	26,448	-

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
<b>Ethiopia</b>	11,516,536	616,010	1,165,059	65,251	37,684	872,734	8,724,267	35,532
<b>Tigray</b>	1,463,053	36,970	149,175	17,032	2,313	4,965	1,247,063	*
North West Tigray	507,625	10,876	42,661	6,908	*	*	443,416	*
Central Tigray	477,863	18,997	58,785	2,161	-	*	393,333	*
Eastern Tigray	104,833	*	6,639	1,070	*	*	90,985	-
Southern Tigray	199,095	*	24,040	*	*	*	167,880	*
Western Tigray	173,637	2,423	17,050	*	-	-	151,449	*
<b>Afar</b>	896,112	9,851	128,975	*	3,995	238,698	511,793	*
Zone 1	583,953	*	81,398	*	*	124,112	372,136	-
Zone 3	312,159	7,383	47,577	*	1,876	114,587	139,656	*
<b>Amhara</b>	2,529,291	239,249	166,982	20,059	6,679	17,905	2,068,077	10,340
North Gonder	499,852	26,912	22,203	*	*	*	438,308	*
South Gonder	240,641	20,391	11,091	*	*	*	205,464	*
North Wolo	333,045	16,538	38,429	*	*	-	275,564	1,130
South Wolo	383,019	50,691	30,124	*	*	*	292,831	2,978
North Shewa	343,822	76,650	16,052	*	*	*	240,990	*
East Gojam	160,548	18,736	2,415	-	*	-	138,565	-
West Gojam	118,922	10,747	*	*	*	*	105,129	-
Waghamera	301,175	10,342	36,744	*	*	*	242,125	*
Awi	58,390	4,284	2,991	*	*	-	50,221	-
Oromia	80,412	3,043	5,011	*	*	*	71,086	-
Argoba Special	9,464	915	372	343	-	*	7,794	-
<b>Oromia</b>	3,601,289	159,476	248,816	19,464	8,964	290,073	2,866,479	8,018
West Wellega	67,027	*	6,506	-	*	*	59,260	-
East Wellega	67,811	3,352	*	*	*	*	59,917	*
Illubabor	80,362	*	1,761	-	-	*	74,142	*
Jimma	154,992	2,489	7,752	*	*	*	143,369	-
West Shewa	167,785	*	10,364	*	*	-	140,720	*
North Shewa	97,471	7,821	4,125	-	*	*	84,227	*
East Shewa	250,269	13,067	20,976	*	*	*	201,219	*
Arsi	301,280	5,269	19,786	1,842	*	*	265,293	*
West Harerghe	389,278	21,178	17,423	*	*	*	321,524	*
East Harerghe	544,956	47,707	11,680	*	*	24,040	456,870	-
Bale	390,279	11,796	21,409	2,823	*	92,812	260,795	*
Borena	472,724	6,974	72,014	*	*	72,399	317,201	*
South West Shewa	110,004	9,838	7,521	*	*	*	89,458	*
Guji	242,398	*	33,271	*	*	*	179,335	*
West Arsi	179,288	5,759	8,145	*	*	26,294	138,103	*
Kelem Wellega	30,407	*	*	-	*	*	26,903	-
Horoguduru Wellega	54,958	2,812	2,102	552	*	*	48,143	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
<b>Somale</b>	830,280	42,909	150,946	*	7,971	64,892	562,584	*
Shinele	99,345	7,553	6,218	-	*	8,447	76,545	*
Jijiga	322,490	13,194	69,133	-	1,703	18,787	219,674	-
Liben	408,446	22,163	75,595	*	5,701	37,658	266,364	*
<b>Benshangul-Gumuz</b>	199,875	4,937	16,958	706	327	577	175,210	1,159
Metekel	76,080	2,980	4,268	*	*	*	67,243	*
Asosa	86,945	*	8,835	*	*	*	75,788	*
Kemeshi	27,988	*	3,545	-	*	*	23,752	-
Mao Komo	8,862	*	310	-	*	-	8,428	*
<b>SNNP</b>	1,858,673	114,270	295,203	5,420	7,140	250,334	1,177,515	8,792
Gurage	59,757	3,313	5,059	*	*	*	45,451	*
Hadiya	70,239	*	4,681	*	-	*	62,221	-
Kembata Tembaro	18,036	*	*	*	*	1,198	14,676	*
Sidama	124,854	6,833	11,010	*	*	51,602	53,110	*
Gedio	7,253	*	866	-	*	-	4,986	-
Wolayita	51,185	2,120	2,605	*	-	*	46,034	-
South Omo	839,336	*	*	*	*	162,510	*	*
Shaka	8,076	466	*	-	-	-	7,483	-
Kaffa	109,335	3,421	2,188	*	*	-	102,489	*
Gamo Gofa	161,058	4,326	18,121	*	*	*	129,380	*
Bench Maji	42,454	1,236	3,453	*	*	-	37,585	-
Yem Sp. Wereda	12,960	*	*	*	*	*	12,303	-
Amaro Sp. Wereda	38,571	2,790	2,625	*	*	*	31,630	-
Burji Sp. Wereda	16,106	736	2,901	*	-	*	12,232	-
Konso Sp. Wereda	118,812	12,974	21,655	*	-	*	82,107	*
Derashe Sp. Wereda	49,799	1,070	10,381	-	-	*	38,055	-
Dawro	24,936	823	*	*	*	*	19,275	*
Basketo Sp. Wereda	3,817	395	416	-	*	-	2,983	-
Konta Sp. Wereda	5,926	*	*	*	-	*	5,215	*
Silte	66,455	3,305	2,101	*	*	14,301	45,412	*
Alaba Sp. Wereda	29,706	*	1,242	-	*	4,776	22,694	*
<b>Gambela Region</b>	33,204	602	4,574	*	170	3,022	24,414	*
Angnuwak	3,629	*	372	-	-	*	3,197	-
Nuware	23,481	*	3,555	*	*	2,594	16,682	*
Mezhenger	714	*	*	-	-	-	491	-
Itang Special	5,380	256	616	-	*	*	4,044	-
<b>Harari</b>	21,563	2,153	1,160	-	*	380	17,739	*
Hundene	21,563	2,153	1,160	-	*	380	17,739	*
<b>Dire Dawa</b>	83,196	5,594	2,269	-	*	1,888	73,394	*

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
<b>Ethiopia</b>	1,580,382	667,337	103,342	12,073	487,391	126,216	184,023
<b>Tigray</b>	2,423	1,101	-	*	1,100	-	-
North West Tigray	-	-	-	-	-	-	-
Central Tigray	*	-	-	-	*	-	-
Eastern Tigray	*	*	-	-	-	-	-
Southern Tigray	1,296	*	-	*	*	-	-
Western Tigray	*	*	-	-	*	-	-
<b>Afar</b>	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
<b>Amhara</b>	349,348	53,516	86,532	3,380	37,618	103,934	64,368
North Gonder	17,110	2,787	*	-	*	*	*
South Gonder	24,249	4,675	*	-	1,932	*	*
North Wolo	31,916	2,251	10,412	-	*	17,081	*
South Wolo	59,374	8,754	*	-	*	25,634	*
North Shewa	32,094	7,222	*	-	17,009	*	*
East Gojam	83,172	18,308	26,718	2,163	5,486	15,657	14,839
West Gojam	26,821	6,562	*	-	*	*	*
Waghamera	*	-	-	-	*	-	*
Awi	74,152	2,707	35,319	*	*	33,818	*
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
<b>Oromia</b>	915,006	463,647	9,221	5,035	342,895	8,990	85,218
West Wellega	1,509	*	-	-	*	-	*
East Wellega	*	*	-	-	*	-	-
Illubabor	33,590	13,015	*	*	12,075	-	7,975
Jimma	64,118	26,256	-	*	14,569	*	*
West Shewa	131,800	72,663	*	*	28,085	*	21,954
North Shewa	78,786	28,832	*	-	45,111	*	*
East Shewa	12,186	9,828	-	-	*	-	-
Arsi	156,284	69,051	*	*	81,223	*	*
West Harerghe	3,064	*	-	-	2,797	-	-
East Harerghe	*	-	-	-	*	-	*
Bale	64,048	41,151	-	*	20,554	-	*
Borena	*	*	-	-	*	-	-
South West Shewa	42,770	29,619	*	*	6,747	*	*
Guji	121,454	64,326	*	*	50,538	-	*
West Arsi	162,690	88,473	*	*	61,403	*	*
Kelem Wellega	8,039	3,390	-	*	1,975	-	*
Horoguduru Wellega	29,635	13,743	-	-	12,687	-	*

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	*	*	-	-	-	*	-
Shinele	*	-	-	-	-	*	-
Jijiga	*	*	-	-	-	*	-
Liben	*	*	-	-	-	*	-
<b>Benshangul-Gumuz</b>	*	*	-	-	*	*	*
Metekel	*	*	-	-	*	*	*
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
<b>SNNP</b>	310,248	147,247	*	3,346	105,331	13,020	
Gurage	48,139	14,391	-	-	-	*	*
Hadiya	28,290	9,753	*	*	6,094	-	*
Kembata Tembaro	5,682	2,842	-	-	1,604	-	*
Sidama	55,411	36,804	*	-	17,381	-	*
Gedio	18,943	9,467	*	*	6,149	-	*
Wolayita	*	*	-	-	-	-	-
South Omo	11,607	2,369	*	*	2,898	-	*
Shaka	6,304	4,258	*	-	1,316	-	-
Kaffa	57,677	38,865	-	*	13,680	-	-
Gamo Gofa	26,664	*	*	*	10,407	-	*
Bench Maji	9,516	3,985	*	-	5,009	-	*
Yem Sp. Wereda	740	217	-	-	425	-	*
Amaro Sp. Wereda	3,370	2,097	-	-	1,273	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	*	-	-	*	*
Dawro	6,647	2,374	-	*	1,749	-	-
Basketo Sp. Wereda	293	174	*	-	-	*	-
Konta Sp. Wereda	1,540	1,407	-	-	-	*	-
Silte	26,474	8,531	-	*	15,525	-	*
Alaba Sp. Wereda	2,318	1,326	*	-	750	-	*
<b>Gambela Region</b>	681	681	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	681	681	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	*	*	-	-	-	*	-
Hundene	*	*	-	-	-	*	-
<b>Dire Dawa</b>	*	-	-	-	-	*	-

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
<b>Ethiopia</b>	4,947,001	1,765,705	405,086	54,340	2,048,914	536,843	136,112
<b>Tigray</b>	452,059	200,291	42,091	1,534	161,452	43,273	3,418
North West Tigray	97,136	42,258	*	*	52,471	*	*
Central Tigray	122,300	51,049	12,258	*	41,409	16,391	*
Eastern Tigray	69,085	30,729	5,747	*	23,893	8,200	*
Southern Tigray	119,882	47,965	19,798	*	35,233	16,704	-
Western Tigray	43,656	28,289	3,321	-	8,447	*	*
<b>Afar</b>	44,333	19,982	*	*	20,574	*	*
Zone 1	21,695	8,770	-	-	12,033	*	*
Zone 3	22,638	11,212	*	*	8,541	*	*
<b>Amhara</b>	1,692,464	472,470	194,709	15,698	611,637	326,907	71,042
North Gonder	277,811	115,204	*	*	103,756	34,700	*
South Gonder	170,541	32,474	10,095	*	88,550	25,548	*
North Wolo	166,158	31,820	20,579	-	55,130	52,103	*
South Wolo	235,491	64,991	13,606	-	124,331	19,363	13,200
North Shewa	274,872	121,756	*	*	113,739	14,362	*
East Gojam	235,149	32,142	46,314	6,040	36,015	94,044	20,594
West Gojam	186,753	33,460	43,832	*	43,133	59,114	4,798
Waghamera	62,019	20,144	9,902	*	16,510	9,995	*
Awi	50,000	9,631	12,873	*	8,820	17,095	*
Oromia	31,195	9,769	*	*	20,334	*	*
Argoba Special	2,475	1,078	*	-	1,319	39	31
<b>Oromia</b>	2,142,797	819,931	125,377	11,133	1,012,489	136,941	36,925
West Wellega	87,149	32,318	*	*	49,996	*	2,387
East Wellega	72,431	30,093	6,131	*	32,773	*	*
Illubabor	20,823	7,691	*	*	8,046	*	3,318
Jimma	63,530	24,231	*	*	28,302	*	*
West Shewa	155,156	50,855	*	*	80,098	*	*
North Shewa	175,613	46,562	6,313	*	94,059	25,342	*
East Shewa	198,494	81,078	19,033	*	90,025	7,685	*
Arsi	272,703	101,563	*	*	145,242	*	3,225
West Harerghe	165,139	77,657	3,808	*	78,716	*	*
East Harerghe	230,151	68,905	45,486	*	86,025	26,470	*
Bale	180,987	94,000	*	*	83,404	*	*
Borena	62,483	26,194	*	*	26,375	1,708	*
South West Shewa	124,442	36,533	11,034	*	42,739	31,439	*
Guji	73,476	33,034	*	*	32,801	*	*
West Arsi	179,504	73,858	*	*	96,294	*	2,024
Kelem Wellega	30,529	18,229	*	-	11,334	-	*
Horoguduru Wellega	50,189	17,131	*	*	26,258	*	4,059

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	84,508	39,924	*	*	41,490	*	*
Shinele	5,848	3,158	-	-	2,610	*	*
Jijiga	39,394	17,591	*	*	21,273	-	*
Liben	39,265	19,175	*	*	17,607	*	*
<b>Benshangul-Gumuz</b>	55,386	18,133	20,711	324	11,020	3,585	1,613
Metekel	29,042	4,447	18,263	-	*	3,535	-
Asosa	20,092	11,395	*	-	6,842	-	*
Kemeshi	4,482	1,586	2,028	*	436	*	*
Mao Komo	1,770	704	*	*	945	*	-
<b>SNNP</b>	455,948	187,635	20,673	23,311	181,212	24,346	18,771
Gurage	62,549	23,976	*	*	34,289	*	*
Hadiya	71,814	25,864	*	*	42,611	*	*
Kembata Tembaro	21,284	16,655	-	*	*	-	*
Sidama	76,854	49,498	-	*	*	-	*
Gedio	5,617	4,800	*	-	*	-	-
Wolayita	31,743	18,363	-	9,608	*	-	*
South Omo	13,173	2,154	*	*	*	*	*
Shaka	3,427	3,239	*	-	-	-	-
Kaffa	*	*	-	-	*	-	-
Gamo Gofa	41,424	13,218	5,576	*	*	14,587	*
Bench Maji	790	481	-	-	*	-	-
Yem Sp. Wereda	2,815	1,027	*	-	1,382	*	-
Amaro Sp. Wereda	*	*	-	-	*	-	-
Burji Sp. Wereda	3,384	1,114	616	*	1,336	166	*
Konso Sp. Wereda	5,516	*	2,998	-	*	2,164	-
Derashe Sp. Wereda	10,723	871	7,653	*	1,207	*	240
Dawro	1,479	1,230	-	*	*	-	-
Basketo Sp. Wereda	594	172	*	*	209	*	*
Konta Sp. Wereda	*	*	-	-	-	-	-
Silte	71,788	17,093	-	*	53,543	*	*
Alaba Sp. Wereda	26,279	4,419	*	*	18,900	*	*
<b>Gambela Region</b>	*	*	-	-	-	-	-
Angnuwak	*	*	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	8,111	4,170	472	*	1,855	701	402
Hundene	8,111	4,170	472	*	1,855	701	402
<b>Dire Dawa</b>	11,221	2,995	437	-	7,185	525	*

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
<b>Ethiopia</b>	319,568	130,699	15,535	4,074	152,786	12,636	3,838
<b>Tigray</b>	3,729	1,043	-	*	2,080	-	*
North West Tigray	*	-	-	-	*	-	-
Central Tigray	*	-	-	-	*	-	-
Eastern Tigray	*	-	-	-	*	-	-
Southern Tigray	*	*	-	*	*	-	*
Western Tigray	693	*	-	-	*	-	-
<b>Afar</b>	*	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	*	-	-
<b>Amhara</b>	107,714	30,455	12,614	*	52,185	9,090	*
North Gonder	9,351	2,271	-	-	7,080	-	-
South Gonder	16,185	4,120	*	*	7,133	-	*
North Wolo	8,946	2,388	*	-	5,392	-	*
South Wolo	20,071	6,065	*	*	11,883	-	*
North Shewa	7,567	3,765	-	-	3,802	-	-
East Gojam	13,057	*	*	-	3,489	-	*
West Gojam	18,478	3,694	*	-	9,573	-	*
Waghamera	4,313	1,523	*	-	1,860	-	*
Awi	9,746	2,890	3,391	*	1,972	-	*
Oromia	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-
<b>Oromia</b>	138,469	64,760	*	*	69,054	1,502	1,091
West Wellega	4,773	1,671	*	-	2,479	-	-
East Wellega	4,184	2,190	-	*	1,685	-	*
Illubabor	10,094	2,926	-	-	6,984	-	*
Jimma	18,344	5,050	-	-	12,912	-	*
West Shewa	7,822	3,533	-	-	4,289	-	-
North Shewa	2,690	*	-	-	2,097	-	-
East Shewa	6,918	6,918	-	-	-	-	-
Arsi	19,385	10,283	-	-	8,800	-	*
West Harerghe	2,656	1,973	-	-	*	-	*
East Harerghe	2,437	*	*	-	1,485	-	-
Bale	22,133	12,257	-	-	9,876	-	-
Borena	3,037	*	-	-	*	-	*
South West Shewa	3,885	*	-	-	2,330	-	*
Guji	15,855	6,456	*	*	8,117	-	*
West Arsi	*	*	-	-	*	-	-
Kelem Wellega	4,273	1,830	-	-	2,268	-	*
Horoguduru Wellega	3,142	1,660	-	-	1,382	-	*

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	*	*	-	-	-	*	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	*	-	-	-	*	-
<b>Benshangul-Gumuz</b>	1,774	838	*	*	*	755	-
Metekel	1,604	817	*	*	*	605	-
Asosa	*	-	-	-	-	*	-
Kemeshi	*	-	-	-	-	*	-
Mao Komo	*	*	-	-	-	*	-
<b>SNNP</b>	67,316	33,194	1,155	1,447	28,555	*	921
Gurage	2,311	*	-	-	-	*	-
Hadiya	8,824	4,841	*	*	3,392	-	-
Kembata Tembaro	*	*	-	-	-	*	-
Sidama	*	*	-	-	-	*	-
Gedio	3,769	2,046	*	*	1,250	-	-
Wolayita	2,033	*	-	*	*	*	-
South Omo	5,030	1,451	-	-	-	*	-
Shaka	715	363	*	-	-	*	-
Kaffa	10,920	8,078	-	-	2,842	-	-
Gamo Gofa	11,924	4,561	*	*	4,362	-	-
Bench Maji	1,993	910	-	-	1,083	-	-
Yem Sp. Wereda	114	114	-	-	-	-	-
Amaro Sp. Wereda	*	806	-	-	-	*	-
Burji Sp. Wereda	63	*	-	-	-	-	*
Konso Sp. Wereda	*	-	-	*	-	-	-
Derashe Sp. Wereda	*	*	*	-	-	*	-
Dawro	5,602	3,064	*	*	2,013	-	-
Basketo Sp. Wereda	518	250	*	*	185	-	-
Konta Sp. Wereda	611	272	-	-	339	-	-
Silte	1,201	*	-	-	831	-	-
Alaba Sp. Wereda	*	-	-	-	-	*	-
<b>Gambela Region</b>	*	*	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
<b>Dire Dawa</b>	*	-	-	-	-	*	-

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

TABLE 3-13 CONT'D

Geographic Area	TOTAL	CAMELS AGED 4 YEARS AND OLDER									
		MALE				FEMALE					
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others	
<b>Somale</b>	200,203	22,739	14,786	*	20,305	*	8,341	*	60,313	66,722	
Shinele	8,436	1,948	*	*	*	*	*	-	2,620	2,309	
Jijiga	56,037	12,637	*	*	*	*	5,027	*	25,691	*	
Liben	135,730	8,154	8,066	*	19,928	*	1,945	*	32,003	60,903	
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	-	-	-	-	
Metekel	-	-	-	-	-	-	-	-	-	-	
Asosa	-	-	-	-	-	-	-	-	-	-	
Kemeshi	-	-	-	-	-	-	-	-	-	-	
Mao Komo	-	-	-	-	-	-	-	-	-	-	
<b>SNNP</b>	*	-	*	-	-	-	-	-	*	-	
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	-	-	-	-	-	-	-	-	-	-	
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-	-	
Angnuwak	-	-	-	-	-	-	-	-	-	-	
Nuware	-	-	-	-	-	-	-	-	-	-	
Mezhenger	-	-	-	-	-	-	-	-	-	-	
Itang Special	-	-	-	-	-	-	-	-	-	-	
<b>Harari</b>	1,168	*	-	-	-	-	*	-	928	*	
Hundene	1,168	*	-	-	-	-	*	-	928	*	
<b>Dire Dawa</b>	5,257	2,339	*	-	-	-	*	-	961	1,449	

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	52,093,652	22,944,721	186,570	22,890	28,600,600	297,281	41,590
<b>Tigray</b>	3,533,842	1,677,837	15,684	2,192	1,805,798	23,573	8,758
North West Tigray	1,103,332	481,624	*	*	614,794	*	*
Central Tigray	710,454	378,786	*	-	324,622	*	*
Eastern Tigray	358,503	181,444	7,460	*	157,593	9,856	1,818
Southern Tigray	710,858	365,083	3,806	*	328,993	7,243	*
Western Tigray	650,697	270,900	-	-	379,797	-	-
<b>Afar</b>	909,857	200,631	*	*	707,872	*	*
Zone 1	622,343	133,636	-	-	488,707	-	-
Zone 3	287,514	66,995	*	*	219,165	*	*
<b>Amhara</b>	13,352,878	6,711,965	49,285	9,335	6,501,262	72,106	8,925
North Gonder	2,600,107	1,216,339	*	*	1,367,173	6,167	*
South Gonder	1,397,343	704,873	1,359	*	685,333	*	*
North Wolo	1,027,663	487,344	*	-	537,084	*	-
South Wolo	1,570,729	792,057	12,763	*	737,241	27,398	*
North Shewa	1,312,090	749,645	18,707	*	520,612	18,610	*
East Gojam	1,669,922	913,858	5,292	*	743,174	4,697	*
West Gojam	2,126,407	1,098,906	3,183	*	1,018,640	*	*
Waghamera	402,459	189,925	-	-	212,534	-	-
Awi	930,710	410,728	-	*	512,313	*	*
Oromia	292,530	136,735	-	-	155,795	-	-
Argoba Special	22,919	11,555	-	-	11,364	-	-
<b>Oromia</b>	22,469,287	10,024,589	107,222	9,641	12,160,314	149,039	18,481
West Wellega	964,244	430,546	-	-	533,697	-	-
East Wellega	1,073,175	494,331	-	-	578,844	-	-
Illubabor	961,584	434,740	*	-	525,980	*	*
Jimma	2,268,228	1,041,701	*	*	1,225,405	-	*
West Shewa	2,243,594	1,088,331	*	*	1,142,101	*	*
North Shewa	1,512,308	716,516	50,441	*	675,911	63,918	*
East Shewa	968,975	524,285	*	*	440,590	*	*
Arsi	2,293,009	1,096,219	28,894	1,704	1,125,261	39,175	1,757
West Harerghe	1,073,798	501,594	-	-	572,203	-	-
East Harerghe	1,259,420	468,771	*	*	777,687	*	*
Bale	1,551,954	697,041	*	*	846,358	4,869	*
Borena	981,163	296,826	-	-	684,337	-	-
South West Shewa	1,005,370	527,459	1,686	*	466,900	*	*
Guji	1,232,357	446,172	*	*	785,041	*	-
West Arsi	2,009,278	731,497	15,031	*	1,237,728	23,192	*
Kelem Wellega	417,556	213,082	-	-	204,475	-	-
Horoguduru Wellega	653,275	315,479	-	-	337,796	-	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	503,294	163,643	-	-	339,485	-	*
Shinele	19,731	6,539	-	-	13,192	-	-
Jijiga	296,412	102,163	-	-	194,082	-	*
Liben	187,151	54,940	-	-	132,211	-	-
<b>Benshangul-Gumuz</b>	551,834	250,072	-	*	301,147	*	*
Metekel	449,647	203,002	-	*	246,031	*	*
Asosa	63,636	29,419	-	-	34,218	-	-
Kemeshi	26,226	11,818	-	-	14,409	-	-
Mao Komo	12,324	5,834	-	-	6,490	-	-
<b>SNNP</b>	10,423,803	3,809,492	14,029	1,202	6,544,060	51,451	3,568
Gurage	1,046,182	305,535	*	-	738,950	*	-
Hadiya	836,830	338,805	1,193	*	490,769	5,243	*
Kembata Tembaro	305,398	100,495	7,552	*	165,987	29,284	*
Sidama	2,056,994	472,100	*	-	1,571,542	11,098	*
Gedio	134,558	65,132	*	-	68,896	*	-
Wolayita	721,176	279,943	*	-	436,550	*	-
South Omo	1,058,840	422,178	-	-	636,432	*	-
Shaka	131,614	50,086	-	-	81,458	*	-
Kaffa	856,413	370,443	*	*	484,750	*	*
Gamo Gofa	1,309,605	530,419	-	-	779,186	-	-
Bench Maji	352,674	148,660	-	-	204,014	-	-
Yem Sp. Wereda	64,054	32,152	-	-	31,902	-	-
Amaro Sp. Wereda	147,645	65,044	-	-	82,540	*	-
Burji Sp. Wereda	46,382	26,159	-	-	20,222	-	-
Konso Sp. Wereda	126,056	63,053	-	-	63,003	-	-
Derashe Sp. Wereda	81,079	47,371	-	-	33,708	-	-
Dawro	333,734	134,015	-	-	199,719	-	-
Basketo Sp. Wereda	35,592	15,429	*	-	19,931	132	*
Konta Sp. Wereda	95,817	41,510	*	-	54,221	-	-
Silte	507,298	221,102	*	*	284,532	*	*
Alaba Sp. Wereda	175,862	79,858	-	-	95,748	*	-
<b>Gambela Region</b>	251,444	71,787	-	-	179,640	*	-
Angnuwak	17,131	10,249	-	-	6,865	*	-
Nuware	183,370	48,274	-	-	135,096	-	-
Mezhenger	17,361	4,837	-	-	12,524	-	-
Itang Special	33,582	8,427	-	-	25,154	-	-
<b>Harari</b>	48,030	17,072	*	*	29,573	*	*
Hundene	48,030	17,072	*	*	29,573	*	*
<b>Dire Dawa</b>	49,383	17,632	*	*	31,448	*	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	24,178,318	6,471,196	6,337	*	17,670,728	19,775	*
<b>Tigray</b>	1,112,402	285,719	-	*	825,146	-	*
North West Tigray	61,411	16,545	-	-	44,866	-	-
Central Tigray	273,360	70,658	-	*	201,548	-	*
Eastern Tigray	454,594	116,814	-	-	337,398	-	-
Southern Tigray	276,338	69,843	-	-	206,495	-	-
Western Tigray	46,698	11,859	-	-	34,839	-	-
<b>Afar</b>	1,030,592	258,222	-	-	772,369	-	-
Zone 1	642,416	160,884	-	-	481,532	-	-
Zone 3	388,176	97,338	-	-	290,838	-	-
<b>Amhara</b>	8,241,597	2,180,329	6,337	*	6,028,845	18,047	*
North Gonder	798,456	196,530	-	-	601,926	-	-
South Gonder	744,311	185,418	*	-	557,791	-	-
North Wolo	949,744	246,136	*	*	696,367	-	-
South Wolo	1,700,212	502,740	*	*	1,183,280	-	*
North Shewa	1,484,620	412,852	*	-	1,070,200	-	-
East Gojam	1,033,547	226,892	*	-	803,174	-	-
West Gojam	837,474	222,681	-	-	609,953	-	*
Waghamera	239,582	70,511	-	-	169,070	-	-
Awi	385,810	92,016	-	-	293,794	-	-
Oromia	65,573	23,663	-	-	41,909	-	-
Argoba Special	2,270	889	-	-	1,381	-	-
<b>Oromia</b>	8,596,401	2,254,911	-	*	6,340,134	-	*
West Wellega	283,873	78,017	-	-	205,856	-	-
East Wellega	233,258	72,002	-	-	161,256	-	-
Illubabor	398,371	101,580	-	-	296,791	-	-
Jimma	875,360	224,285	-	-	651,075	-	-
West Shewa	979,133	262,066	-	-	717,067	-	-
North Shewa	1,059,318	251,143	-	-	807,872	-	-
East Shewa	297,453	70,070	*	-	226,331	-	*
Arsi	1,206,907	343,383	-	-	863,524	-	-
West Harerghe	153,846	36,368	-	-	117,478	-	-
East Harerghe	387,602	105,785	-	-	281,817	-	-
Bale	321,808	85,117	-	-	236,691	-	-
Borena	363,421	96,641	-	-	266,780	-	-
South West Shewa	325,130	89,648	-	-	235,482	-	-
Guji	477,313	130,959	-	-	346,354	-	-
West Arsi	820,027	195,351	-	-	624,676	-	-
Kelem Wellega	231,847	66,588	-	-	165,259	-	-
Horoguduru Wellega	181,734	45,909	-	-	135,825	-	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	1,130,801	384,186	-	-	746,615	-	-
Shinele	50,853	15,350	-	-	35,502	-	-
Jijiga	801,229	281,340	-	-	519,890	-	-
Liben	278,719	87,497	-	-	191,223	-	-
<b>Benshangul-Gumuz</b>	97,958	28,765	-	-	69,192	-	-
Metekel	54,797	15,295	-	-	39,502	-	-
Asosa	19,118	5,885	-	-	13,234	-	-
Kemeshi	14,161	4,742	-	-	9,419	-	-
Mao Komo	9,881	2,843	-	-	7,038	-	-
<b>SNNP</b>	3,857,978	1,048,964	-	*	2,807,961	*	*
Gurage	308,504	68,877	-	-	239,626	-	-
Hadiya	227,218	60,693	-	-	166,525	-	-
Kembata Tembaro	91,047	30,896	-	-	60,152	-	-
Sidama	432,947	114,831	-	-	318,116	-	-
Gedio	181,674	51,953	-	-	129,720	-	-
Wolayita	158,988	45,500	-	-	113,488	-	-
South Omo	685,166	219,867	-	*	464,622	-	*
Shaka	65,066	17,459	-	-	47,607	-	-
Kaffa	428,714	103,641	-	-	325,073	-	-
Gamo Gofa	492,406	121,926	-	-	370,190	-	*
Bench Maji	139,540	32,883	-	-	106,656	-	-
Yem Sp. Wereda	28,250	6,600	-	-	21,650	-	-
Amaro Sp. Wereda	48,673	15,188	-	-	33,485	-	-
Burji Sp. Wereda	2,972	977	-	-	1,996	-	-
Konso Sp. Wereda	103,254	41,970	-	-	61,284	-	-
Derashe Sp. Wereda	31,069	9,458	-	-	21,611	-	-
Dawro	99,213	27,472	-	-	71,741	-	-
Basketo Sp. Wereda	16,661	4,123	-	-	12,538	-	-
Konta Sp. Wereda	21,440	8,292	-	-	13,148	-	-
Silte	246,305	54,882	-	-	191,423	-	-
Alaba Sp. Wereda	48,872	11,475	-	-	37,312	*	-
<b>Gambela Region</b>	50,543	15,537	-	-	35,006	-	-
Angnuwak	*	*	-	-	*	-	-
Nuware	40,012	12,502	-	-	27,510	-	-
Mezhenger	4,296	1,284	-	-	3,012	-	-
Itang Special	5,752	1,465	-	-	4,287	-	-
<b>Harari</b>	4,758	1,412	-	-	3,345	-	-
Hundene	4,758	1,412	-	-	3,345	-	-
<b>Dire Dawa</b>	55,290	13,150	-	-	42,114	*	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	22,566,057	6,705,819	*	*	15,855,968	1,906	*
<b>Tigray</b>	2,879,725	808,610	-	-	2,071,115	-	-
North West Tigray	1,053,529	282,805	-	-	770,724	-	-
Central Tigray	903,048	267,337	-	-	635,710	-	-
Eastern Tigray	185,837	43,844	-	-	141,993	-	-
Southern Tigray	369,910	112,320	-	-	257,589	-	-
Western Tigray	367,402	102,303	-	-	265,099	-	-
<b>Afar</b>	1,704,168	404,455	*	-	1,299,142	*	*
Zone 1	1,078,807	252,917	-	-	825,657	-	*
Zone 3	625,361	151,538	*	-	473,485	*	-
<b>Amhara</b>	5,168,356	1,681,645	-	-	3,486,711	-	-
North Gonder	1,131,927	347,664	-	-	784,263	-	-
South Gonder	492,833	159,547	-	-	333,286	-	-
North Wolo	664,230	204,267	-	-	459,964	-	-
South Wolo	732,351	267,071	-	-	465,279	-	-
North Shewa	663,061	258,792	-	-	404,269	-	-
East Gojam	333,378	102,708	-	-	230,670	-	-
West Gojam	277,809	91,215	-	-	186,594	-	-
Waghamera	567,714	152,578	-	-	415,136	-	-
Awi	123,391	43,257	-	-	80,134	-	-
Oromia	161,303	48,004	-	-	113,300	-	-
Argoba Special	20,359	6,542	-	-	13,817	-	-
<b>Oromia</b>	7,215,300	2,038,263	*	-	5,176,015	*	-
West Wellega	150,506	47,365	-	-	103,141	-	-
East Wellega	160,937	49,277	-	-	111,660	-	-
Illubabor	186,302	56,144	-	-	130,159	-	-
Jimma	305,264	77,768	-	-	227,496	-	-
West Shewa	382,900	119,936	-	-	262,963	-	-
North Shewa	221,534	66,981	-	-	154,553	-	-
East Shewa	486,463	132,892	-	-	353,572	-	-
Arsi	648,500	176,479	*	-	470,998	*	-
West Harerghe	760,191	212,701	-	-	547,490	-	-
East Harerghe	1,072,114	328,403	-	-	743,712	-	-
Bale	751,422	194,200	-	-	557,222	-	-
Borena	844,421	226,036	-	-	618,385	-	-
South West Shewa	236,053	74,421	-	-	161,632	-	-
Guji	445,025	124,363	-	-	320,662	-	-
West Arsi	368,056	91,973	-	-	276,083	-	-
Kelem Wellega	75,499	23,204	-	-	52,295	-	-
Horoguduru Wellega	120,113	36,122	-	-	83,991	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	1,366,156	419,087	-	-	946,831	*	-
Shinele	192,820	50,879	-	-	141,941	-	-
Jijiga	545,879	180,455	-	-	365,187	*	-
Liben	627,457	187,754	-	-	439,703	-	-
<b>Benshangul-Gumuz</b>	453,692	128,103	-	-	325,589	-	-
Metekel	182,686	56,119	-	-	126,567	-	-
Asosa	192,144	50,016	-	-	142,128	-	-
Kemeshi	56,485	16,071	-	-	40,414	-	-
Mao Komo	22,376	5,896	-	-	16,480	-	-
<b>SNNP</b>	3,497,041	1,150,153	*	*	2,344,527	*	*
Gurage	120,667	34,530	-	-	86,136	-	-
Hadiya	144,993	38,564	*	-	105,445	-	*
Kembata Tembaro	34,816	8,342	*	-	25,698	*	-
Sidama	253,447	81,129	-	-	172,317	-	-
Gedio	11,454	4,037	-	-	7,417	-	-
Wolayita	102,822	25,789	-	-	77,033	-	-
South Omo	1,527,947	562,546	-	*	964,798	-	*
Shaka	18,502	5,748	-	-	12,755	-	-
Kaffa	231,150	64,020	-	-	167,131	-	-
Gamo Gofa	295,067	91,370	-	-	203,697	-	-
Bench Maji	81,202	22,015	-	-	59,186	-	-
Yem Sp. Wereda	25,510	6,310	-	-	19,200	-	-
Amaro Sp. Wereda	75,232	23,735	-	-	51,496	-	-
Burji Sp. Wereda	28,924	9,679	-	-	19,245	-	-
Konso Sp. Wereda	194,593	70,885	-	-	123,708	-	-
Derashe Sp. Wereda	85,697	27,580	-	-	58,117	-	-
Dawro	60,609	17,988	-	-	42,621	-	-
Basketo Sp. Wereda	7,617	2,383	-	-	5,233	-	-
Konta Sp. Wereda	14,124	4,340	-	-	9,784	-	-
Silte	123,574	32,993	-	-	90,581	-	-
Alaba Sp. Wereda	59,096	16,169	-	-	42,927	-	-
<b>Gambela Region</b>	79,572	23,765	-	-	55,807	-	-
Angnuwak	9,645	2,937	-	-	6,708	-	-
Nuware	56,671	16,301	-	-	40,370	-	-
Mezhenger	1,916	740	-	-	1,175	-	-
Itang Special	11,341	3,787	-	-	7,554	-	-
<b>Harari</b>	41,907	12,835	-	-	29,072	-	-
Hundene	41,907	12,835	-	-	29,072	-	-
<b>Dire Dawa</b>	160,141	38,903	-	-	121,159	*	-

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
<b>Ethiopia</b>	44,893,009	4,381,338	2,170,997	4,125,249	1,393,876	18,007,499	14,814,050
<b>Tigray</b>	5,003,126	438,094	368,941	606,742	183,145	2,068,499	1,337,705
North West Tigray	1,423,880	99,273	131,289	182,109	68,810	667,753	274,645
Central Tigray	1,327,042	119,649	81,006	149,952	45,780	554,109	376,545
Eastern Tigray	664,857	71,772	38,012	80,217	15,776	196,010	263,070
Southern Tigray	913,916	95,359	54,409	105,431	22,182	358,893	277,642
Western Tigray	673,433	52,041	64,225	89,032	30,598	291,734	145,803
<b>Afar</b>	57,993	5,901	3,901	5,856	3,769	28,704	9,862
Zone 1	*	*	*	*	-	*	*
Zone 3	55,832	5,665	3,572	5,340	3,769	28,095	9,390
<b>Amhara</b>	14,116,725	1,330,385	654,223	1,298,397	439,879	6,033,075	4,360,765
North Gonder	3,748,192	269,872	195,890	382,433	89,376	1,943,070	867,552
South Gonder	1,548,272	93,242	76,026	144,376	26,306	738,354	469,968
North Wolo	1,298,377	236,484	47,725	119,632	57,800	505,698	331,038
South Wolo	1,502,892	262,653	49,885	124,641	52,204	416,057	597,453
North Shewa	1,349,267	134,077	56,239	104,727	48,963	421,970	583,291
East Gojam	959,651	77,941	26,456	62,606	58,568	310,047	424,033
West Gojam	2,187,210	115,996	121,450	202,865	43,045	1,054,658	649,197
Waghamera	527,947	59,637	35,066	62,664	31,453	218,993	120,134
Awi	699,771	51,939	36,464	72,615	19,312	277,517	241,923
Oromia	266,762	24,755	8,018	19,701	11,993	132,852	69,444
Argoba Special	28,385	3,789	1,004	2,139	860	13,860	6,733
<b>Oromia</b>	16,345,099	1,762,989	700,271	1,421,793	534,229	5,916,318	6,009,499
West Wellega	1,294,747	142,627	80,692	143,697	31,122	525,152	371,457
East Wellega	820,992	87,426	40,693	76,845	8,882	360,879	246,266
Illubabor	1,033,485	137,502	36,803	71,177	35,617	400,159	352,227
Jimma	1,439,794	141,632	23,729	75,382	35,497	605,989	557,566
West Shewa	1,298,862	143,164	39,736	83,290	37,722	486,229	508,721
North Shewa	763,221	86,038	21,472	48,222	42,743	153,091	411,654
East Shewa	926,465	85,354	35,133	84,487	40,733	325,883	354,875
Arsi	1,449,583	137,205	65,188	140,482	67,898	485,811	552,998
West Harerghe	1,189,252	119,101	67,132	142,318	42,358	449,346	368,998
East Harerghe	1,463,185	146,575	69,839	148,282	23,004	411,798	663,686
Bale	671,913	88,703	49,062	66,475	20,195	200,541	246,937
Borena	551,678	59,135	31,988	47,798	19,564	225,539	167,655
South West Shewa	753,553	58,512	27,595	55,049	24,454	277,188	310,755
Guji	549,677	75,638	23,096	41,943	37,142	176,082	195,777
West Arsi	918,011	102,788	38,039	78,279	44,892	291,010	363,002
Kelem Wellega	820,393	101,302	35,314	78,076	15,782	365,131	224,788
Horoguduru Wellega	400,287	50,288	14,758	39,992	6,624	176,489	112,137

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	113,004	16,573	8,803	11,807	5,602	32,704	37,514
Shinele	4,762	622	*	666	*	1,398	1,797
Jijiga	17,645	2,693	686	1,300	*	5,245	*
Liben	90,598	13,258	7,928	9,841	*	26,062	29,481
<b>Benshangul-Gumuz</b>	1,140,816	94,564	82,242	136,486	25,491	545,795	256,237
Metekel	568,944	48,928	42,710	62,703	13,510	278,665	122,428
Asosa	393,331	30,709	26,949	49,953	9,489	181,275	94,957
Kemeshi	122,620	10,417	9,410	17,170	1,894	58,612	25,116
Mao Komo	55,922	4,510	3,173	6,661	*	27,243	13,737
<b>SNNP</b>	7,690,931	679,976	321,544	594,235	185,790	3,230,534	2,678,851
Gurage	581,075	64,097	19,654	46,861	22,914	174,359	253,190
Hadiya	712,024	47,195	19,817	42,022	20,362	374,548	208,080
Kembata Tembaro	247,325	12,161	2,955	13,672	2,464	126,117	89,957
Sidama	1,176,288	80,851	39,722	74,940	27,544	465,541	487,690
Gedio	141,630	17,284	4,925	11,165	2,905	48,536	56,815
Wolayita	625,616	39,848	29,569	45,742	9,073	295,800	205,585
South Omo	496,487	65,266	41,509	52,571	26,646	176,236	134,259
Shaka	147,891	13,988	6,271	12,226	*	57,440	56,688
Kaffa	827,340	82,279	39,155	71,902	4,451	346,670	282,883
Gamo Gofa	775,071	68,108	34,068	75,538	18,803	322,567	255,988
Bench Maji	476,438	41,735	27,088	46,363	5,724	207,785	147,742
Yem Sp. Wereda	33,632	2,653	605	1,768	*	11,470	16,772
Amaro Sp. Wereda	105,684	15,147	4,837	9,346	2,847	42,525	30,981
Burji Sp. Wereda	22,166	2,691	1,590	1,643	890	8,471	6,880
Konso Sp. Wereda	182,447	22,851	10,015	16,319	*	69,093	59,256
Derashe Sp. Wereda	126,580	18,523	4,854	9,163	2,561	53,977	37,504
Dawro	207,553	19,001	6,892	16,930	8,365	83,036	73,328
Basketo Sp. Wereda	36,858	5,526	1,418	3,043	2,540	13,837	10,494
Konta Sp. Wereda	89,425	9,298	4,195	6,867	4,301	41,072	23,692
Silte	520,851	43,069	19,305	29,081	13,087	221,995	194,313
Alaba Sp. Wereda	158,549	8,406	3,100	7,072	*	89,458	46,755
<b>Gambela Region</b>	301,735	38,979	25,642	33,092	13,060	122,601	68,361
Angnuwak	98,341	11,486	7,765	12,690	2,031	42,932	21,438
Nuware	100,952	15,122	6,983	7,369	8,978	40,796	21,704
Mezhenger	39,667	4,117	1,720	3,931	415	16,947	12,536
Itang Special	62,775	8,254	9,174	9,102	1,636	21,925	12,683
<b>Harari</b>	43,235	5,423	2,465	5,011	1,424	12,216	16,697
Hundene	43,235	5,423	2,465	5,011	1,424	12,216	16,697
<b>Dire Dawa</b>	80,345	8,453	2,965	11,831	1,486	17,053	38,558

## b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	43,304,090	4,206,765	2,097,037	3,970,709	1,340,232	17,530,553	14,158,795
<b>Tigray</b>	4,583,948	395,717	339,590	555,040	167,660	1,918,608	1,207,333
North West Tigray	1,364,131	93,171	126,503	175,884	66,136	639,133	263,304
Central Tigray	1,154,962	103,431	71,545	130,962	37,042	485,852	326,129
Eastern Tigray	608,491	65,447	34,134	71,059	14,960	183,618	239,271
Southern Tigray	795,167	83,045	44,730	90,550	19,094	321,803	235,945
Western Tigray	661,197	50,623	62,677	86,585	30,427	288,202	142,684
<b>Afar</b>	56,797	5,769	3,853	5,856	3,769	28,036	9,514
Zone 1	*	*	*	*	-	*	*
Zone 3	54,636	5,533	3,524	5,340	3,769	27,427	9,042
<b>Amhara</b>	13,597,741	1,273,542	637,666	1,257,240	424,558	5,863,873	4,140,862
North Gonder	3,687,285	261,969	193,725	376,919	88,400	1,911,937	854,335
South Gonder	1,521,233	90,631	75,298	142,213	26,306	729,738	457,048
North Wolo	1,260,834	231,147	47,104	117,291	56,360	492,383	316,549
South Wolo	1,448,762	250,215	48,374	122,147	50,402	404,869	572,754
North Shewa	1,270,311	127,322	54,155	100,119	45,918	401,205	541,593
East Gojam	846,550	69,976	23,996	51,570	54,707	275,716	370,585
West Gojam	2,108,782	111,178	120,167	195,707	40,746	1,026,668	614,316
Waghamera	509,240	56,554	33,472	60,225	30,144	213,397	115,448
Awi	661,754	47,647	32,462	69,211	18,825	267,499	226,110
Oromia	254,687	23,132	7,908	19,701	11,890	126,602	65,454
Argoba Special	28,304	3,771	1,004	2,139	860	13,860	6,670
<b>Oromia</b>	15,869,330	1,712,959	684,567	1,382,283	517,922	5,800,874	5,770,724
West Wellega	1,283,887	141,208	80,193	142,826	30,373	521,537	367,750
East Wellega	810,220	86,652	40,091	75,835	8,308	359,137	240,198
Illubabor	1,002,250	132,544	36,628	70,006	35,617	388,785	338,672
Jimma	1,405,634	138,792	22,981	74,430	33,994	598,498	536,940
West Shewa	1,212,931	133,982	38,789	72,559	36,007	468,569	463,025
North Shewa	690,991	77,286	20,459	44,404	38,497	135,343	375,002
East Shewa	895,124	82,272	33,375	81,962	39,623	319,033	338,858
Arsi	1,370,831	131,258	60,737	131,183	65,450	469,979	512,224
West Harerghe	1,182,171	119,101	66,628	141,536	41,842	446,514	366,551
East Harerghe	1,429,239	143,066	67,410	143,574	23,004	401,812	650,373
Bale	649,981	85,559	48,472	65,304	20,195	195,431	235,021
Borena	548,373	58,760	31,988	47,604	19,420	224,380	166,220
South West Shewa	730,659	56,894	27,357	54,508	21,938	270,164	299,799
Guji	542,690	74,809	23,096	41,943	37,142	172,604	193,097
West Arsi	897,947	99,658	36,454	76,661	44,107	289,257	351,810
Kelem Wellega	817,099	101,024	35,153	77,959	15,782	363,342	223,838
Horoguduru Wellega	399,301	50,093	14,758	39,992	6,624	176,489	111,346

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	111,361	16,070	8,396	11,783	5,319	32,618	37,175
Shinele	4,531	566	*	642	*	1,398	1,646
Jijiga	16,866	2,347	686	1,300	*	5,158	*
Liben	89,964	13,157	7,520	9,841	*	26,062	29,379
<b>Benshangul-Gumuz</b>	1,132,641	93,726	81,848	135,671	25,103	543,600	252,693
Metekel	563,577	48,381	42,611	62,249	13,122	277,296	119,919
Asosa	391,199	30,537	26,759	49,637	9,489	180,448	94,328
Kemeshi	122,103	10,348	9,326	17,170	1,894	58,612	24,753
Mao Komo	55,761	4,461	3,152	6,615	*	27,243	13,693
<b>SNNP</b>	7,541,808	657,431	310,412	577,487	180,158	3,192,288	2,624,031
Gurage	548,164	58,981	17,265	40,495	21,228	166,843	243,353
Hadiya	696,551	43,592	18,487	39,425	20,095	371,894	203,059
Kembata Tembaro	237,135	10,485	2,599	13,086	*	123,752	85,405
Sidama	1,145,024	78,375	36,319	73,465	26,941	454,555	475,369
Gedio	140,429	17,165	4,925	10,651	2,905	48,536	56,247
Wolayita	610,263	37,950	28,644	44,388	8,157	291,123	200,000
South Omo	491,298	63,497	41,041	52,232	26,295	175,651	132,581
Shaka	145,280	13,642	5,822	11,478	*	57,342	55,720
Kaffa	819,743	81,506	38,277	70,832	4,451	343,845	280,832
Gamo Gofa	770,655	66,951	34,068	75,228	18,803	321,698	253,907
Bench Maji	474,956	41,534	26,982	46,143	5,608	207,785	146,904
Yem Sp. Wereda	33,040	2,540	553	1,741	*	11,412	16,430
Amaro Sp. Wereda	104,281	14,914	4,657	9,045	2,847	42,525	30,294
Burji Sp. Wereda	21,816	2,637	1,590	1,643	890	8,290	6,766
Konso Sp. Wereda	181,948	22,755	10,015	16,319	*	69,093	58,853
Derashe Sp. Wereda	125,344	18,210	4,854	9,163	2,511	53,415	37,192
Dawro	203,680	18,574	6,749	16,860	8,224	81,411	71,863
Basketo Sp. Wereda	36,516	5,505	1,365	2,946	2,511	13,808	10,382
Konta Sp. Wereda	85,915	9,069	3,978	6,554	4,263	39,310	22,741
Silte	514,028	41,567	19,121	28,892	12,391	221,420	190,638
Alaba Sp. Wereda	155,741	7,983	3,100	6,903	*	88,582	45,497
<b>Gambela Region</b>	300,510	38,548	25,596	32,972	13,060	122,424	67,909
Angnuwak	97,257	11,084	7,719	12,570	2,031	42,755	21,097
Nuware	100,952	15,122	6,983	7,369	8,978	40,796	21,704
Mezhenger	39,579	4,095	1,720	3,931	415	16,947	12,471
Itang Special	62,722	8,247	9,174	9,102	1,636	21,925	12,637
<b>Harari</b>	40,704	5,159	2,417	4,772	1,248	11,839	15,271
Hundene	40,704	5,159	2,417	4,772	1,248	11,839	15,271
<b>Dire Dawa</b>	69,252	7,843	2,693	7,605	1,434	16,393	33,283

### c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	1,332,589	145,488	59,809	127,383	45,636	422,104	532,169
<b>Tigray</b>	377,805	39,072	24,068	43,782	14,308	143,528	113,047
North West Tigray	54,961	5,903	3,583	5,832	-	27,028	9,941
Central Tigray	153,340	14,796	7,349	15,927	7,622	64,092	43,554
Eastern Tigray	43,356	5,378	2,101	4,899	815	11,848	18,314
Southern Tigray	114,801	11,866	9,487	14,882	-	37,090	38,389
Western Tigray	*	1,130	-	*	*	*	*
<b>Afar</b>	*	-	-	-	-	-	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	-	-	-	-	-	*
<b>Amhara</b>	428,131	41,886	15,035	33,822	13,327	151,283	172,777
North Gonder	56,819	7,378	-	5,514	*	-	10,092
South Gonder	21,149	2,276	-	*	-	*	10,545
North Wolo	30,944	3,120	-	-	*	-	10,616
South Wolo	40,637	8,752	1,510	*	-	11,188	15,342
North Shewa	68,389	5,252	-	*	-	20,765	33,632
East Gojam	97,935	6,601	-	11,037	*	26,046	48,336
West Gojam	62,860	2,699	-	*	-	*	25,603
Waghamera	15,675	2,671	-	*	*	5,047	3,439
Awi	25,011	1,912	*	*	*	*	12,158
Oromia	8,678	1,226	-	-	-	4,261	2,979
Argoba Special	*	*	-	-	-	-	*
<b>Oromia</b>	410,702	47,880	14,042	35,717	12,810	104,228	196,025
West Wellega	*	*	-	*	-	-	2,659
East Wellega	*	-	-	-	*	-	*
Illubabor	26,193	4,621	-	-	-	-	8,851
Jimma	30,687	-	-	-	*	-	17,915
West Shewa	78,155	9,181	-	10,730	-	17,660	37,920
North Shewa	69,380	8,752	-	-	-	-	33,803
East Shewa	24,762	2,731	*	2,525	1,110	6,396	11,604
Arsi	68,952	5,644	4,152	7,406	*	14,893	34,654
West Harerghe	4,787	-	-	*	-	*	*
East Harerghe	33,611	3,509	-	*	-	-	13,313
Bale	17,831	3,144	-	*	-	*	10,775
Borena	*	*	-	-	-	-	*
South West Shewa	14,183	1,164	-	*	*	-	4,888
Guji	*	-	-	-	-	*	*
West Arsi	17,140	2,900	-	-	*	-	8,729
Kelem Wellega	*	-	-	*	-	*	-
Horoguduru Wellega	986	-	-	-	-	-	791

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	*	*	*	-	-	-	*
Shinele	*	*	-	-	-	-	*
Jijiga	-	-	-	-	-	-	-
Liben	*	-	*	-	-	-	*
<b>Benshangul-Gumuz</b>	7,420	*	-	*	*	-	3,327
Metekel	*	*	-	-	*	-	*
Asosa	-	-	-	-	-	-	-
Kemeshi	*	*	-	-	-	-	*
Mao Komo	*	-	-	*	-	-	-
<b>SNNP</b>	97,238	14,362	5,856	10,479	4,590	19,451	42,500
Gurage	21,771	3,197	-	4,794	*	*	6,000
Hadiya	10,777	*	*	*	-	-	4,225
Kembata Tembaro	7,195	812	-	*	*	*	3,416
Sidama	13,335	*	*	*	-	*	10,146
Gedio	*	*	-	*	-	-	*
Wolayita	14,223	1,657	*	*	-	-	5,585
South Omo	*	*	-	*	*	-	*
Shaka	1,828	*	*	*	-	-	*
Kaffa	*	*	*	*	-	*	1,109
Gamo Gofa	*	*	-	-	-	*	*
Bench Maji	1,170	*	-	*	-	-	732
Yem Sp. Wereda	267	*	*	*	-	*	231
Amaro Sp. Wereda	*	-	*	*	-	-	-
Burji Sp. Wereda	*	*	-	-	-	-	*
Konso Sp. Wereda	*	-	-	-	-	-	*
Derashe Sp. Wereda	-	-	-	-	-	-	-
Dawro	3,518	-	-	-	-	*	1,465
Basketo Sp. Wereda	239	*	-	-	-	-	*
Konta Sp. Wereda	3,347	-	-	-	-	*	951
Silte	6,273	1,131	-	-	-	-	3,496
Alaba Sp. Wereda	2,402	-	-	*	-	*	1,258
<b>Gambela Region</b>	*	*	-	*	-	*	*
Angnuwak	*	*	-	*	-	*	-
Nware	-	-	-	-	-	-	-
Mezhenger	*	-	-	-	-	-	*
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	*	*	-	-	-	*	*
Hundene	*	*	-	-	-	*	*
<b>Dire Dawa</b>	6,187	545	272	2,504	-	441	2,374

#### d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	256,330	29,086	14,150	27,157	8,009	54,843	123,086
<b>Tigray</b>	41,373	3,305	5,283	7,921	1,178	-	17,324
North West Tigray	-	-	-	-	*	-	-
Central Tigray	18,740	1,422	-	-	-	-	6,862
Eastern Tigray	13,010	-	-	4,258	-	-	5,485
Southern Tigray	3,948	-	-	-	*	-	3,307
Western Tigray	*	-	*	*	*	*	*
<b>Afar</b>	*	*	*	-	-	*	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	*	-	-	*	*
<b>Amhara</b>	90,853	14,957	-	7,335	1,994	-	47,126
North Gonder	*	-	*	-	*	*	-
South Gonder	5,891	-	*	*	-	*	-
North Wolo	6,599	2,217	*	*	*	*	3,873
South Wolo	13,493	3,686	-	*	*	-	9,357
North Shewa	10,567	-	*	*	*	*	8,066
East Gojam	*	-	*	-	*	-	-
West Gojam	15,568	2,119	*	*	*	*	9,278
Waghamera	-	-	*	*	*	*	1,246
Awi	-	2,380	*	*	*	*	-
Oromia	-	-	*	-	*	-	1,011
Argoba Special	*	-	-	-	-	-	*
<b>Oromia</b>	65,067	2,150	-	-	-	11,215	42,750
West Wellega	*	*	*	*	*	*	-
East Wellega	*	*	*	*	*	*	*
Illubabor	*	-	*	*	-	*	-
Jimma	*	*	*	*	*	*	-
West Shewa	7,776	-	*	-	*	-	7,776
North Shewa	*	-	*	*	*	*	-
East Shewa	6,580	-	*	-	-	-	4,413
Arsi	9,800	-	-	-	*	-	6,119
West Harerghe	*	-	*	*	*	*	*
East Harerghe	*	-	*	*	-	*	-
Bale	*	-	*	*	-	*	-
Borena	*	*	-	*	*	*	*
South West Shewa	*	-	*	*	*	*	*
Guji	*	*	-	-	-	-	*
West Arsi	*	-	*	*	*	*	-
Kelem Wellega	*	*	*	-	-	-	*
Horoguduru Wellega	*	*	-	-	-	-	-

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	*	*	-	*	*	*	*
Shinele	*	*	-	*	-	-	*
Jijiga	*	*	-	-	*	*	*
Liben	*	*	-	-	*	-	-
<b>Benshangul-Gumuz</b>	*	*	*	*	*	*	-
Metekel	*	*	*	*	*	*	*
Asosa	*	*	*	*	-	*	*
Kemeshi	*	*	*	-	-	-	*
Mao Komo	*	*	*	*	-	-	*
<b>SNNP</b>	51,885	8,183	5,276	6,268	-	-	12,320
Gurage	11,140	1,919	*	-	*	*	3,837
Hadiya	4,696	*	-	*	*	*	-
Kembata Tembaro	2,995	-	*	*	-	*	1,136
Sidama	*	*	*	*	*	-	-
Gedio	*	-	-	*	-	-	*
Wolayita	*	-	*	*	*	*	-
South Omo	*	*	*	*	*	*	*
Shaka	*	*	*	*	-	*	*
Kaffa	*	*	*	*	-	*	943
Gamo Gofa	*	*	-	*	-	-	*
Bench Maji	*	*	*	*	*	-	-
Yem Sp. Wereda	325	*	-	-	-	-	111
Amaro Sp. Wereda	*	*	-	-	-	-	*
Burji Sp. Wereda	*	*	-	-	-	*	*
Konso Sp. Wereda	*	*	-	-	-	-	*
Derashe Sp. Wereda	*	*	-	-	*	*	*
Dawro	*	*	*	*	*	*	-
Basketo Sp. Wereda	*	-	*	*	*	*	*
Konta Sp. Wereda	*	*	*	*	*	*	-
Silte	*	-	*	*	*	*	-
Alaba Sp. Wereda	*	*	-	-	*	*	-
<b>Gambela Region</b>	*	*	*	*	-	*	*
Angnuwak	*	*	*	*	-	*	*
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	*
Itang Special	*	*	-	-	-	-	*
<b>Harari</b>	*	*	*	*	*	*	*
Hundene	*	*	*	*	*	*	*
<b>Dire Dawa</b>	4,906	-	-	1,722	*	-	2,901

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
<b>Ethiopia</b>	4,993,815	39,891,459	4,772,537	2	36,487,937	81,596	2	475,855	139,682	2	2,927,667
<b>Tigray</b>	219,036	2,432,652	169,048	1	1,649,966	2,171	1	40,117	47,817	1	742,570
North West Tigray	38,325	569,301	29,853	1	397,561	*	*	*	7,882	1	165,836
Central Tigray	77,525	951,597	62,223	1	652,985	*	*	*	14,393	1	288,854
Eastern Tigray	42,411	366,347	23,642	1	149,093	*	*	*	18,572	1	211,004
Southern Tigray	43,706	278,183	37,366	2	216,873	-	*	-	6,340	1	*
Western Tigray	17,068	267,224	15,963	2	233,454	*	*	*	631	1	*
<b>Afar</b>	-	-	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	965,293	8,684,393	898,863	2	7,891,333	23,802	1	139,914	42,628	1	653,146
North Gonder	185,635	1,482,155	179,185	2	1,394,336	*	1	6,933	4,569	2	80,886
South Gonder	102,810	564,293	97,611	1	544,622	3,625	*	*	1,574	*	*
North Wolo	59,724	442,517	51,471	1	353,458	2,753	1	20,370	5,499	1	68,689
South Wolo	129,516	*	121,521	2	*	4,647	*	*	3,349	2	*
North Shewa	64,649	425,641	62,758	1	416,381	1,255	*	*	636	1	6,277
East Gojam	138,534	1,065,386	129,151	2	925,644	*	*	*	8,537	2	130,430
West Gojam	135,044	1,032,618	130,294	1	952,849	*	*	-	3,520	2	79,768
Waghamera	58,280	766,402	49,737	2	711,638	*	*	*	5,996	1	45,119
Awi	77,073	802,389	65,536	2	665,664	4,578	*	*	*	*	*
Oromia	12,638	87,230	10,248	2	50,208	*	*	*	*	1	*
Argoba Special	1,390	34,561	1,351	3	33,682	*	*	*	*	*	*
<b>Oromia</b>	2,738,127	18,520,532	2,654,266	2	16,903,546	43,499	2	207,309	40,362	2	*
West Wellega	334,732	850,002	314,535	1	822,189	18,212	*	*	*	*	*
East Wellega	157,564	601,700	155,560	1	600,254	*	*	*	*	*	-
Illubabor	415,547	1,837,159	410,577	1	1,784,828	2,367	2	*	2,603	1	*
Jimma	514,655	3,648,344	490,951	1	2,393,131	4,931	*	43,985	*	*	*
West Shewa	193,343	1,284,825	189,665	1	1,165,763	*	1	*	*	*	*
North Shewa	66,682	*	66,682	2	*	-	-	-	-	-	-
East Shewa	13,786	*	13,226	2	105,439	*	*	*	-	-	-
Arsi	94,453	581,758	94,453	2	581,758	-	-	-	-	-	-
West Harerghe	82,547	622,570	81,594	2	601,806	*	*	*	*	*	*
East Harerghe	55,358	371,423	51,346	2	315,258	*	*	*	-	-	-
Bale	201,738	2,234,937	200,164	2	2,198,564	1,035	1	14,928	*	*	*
Borena	81,315	*	81,315	2	*	-	-	-	-	-	-
South West Shewa	72,710	418,290	72,322	2	418,232	-	-	-	*	*	*
Guji	167,443	1,020,587	160,674	2	1,020,587	*	*	-	-	-	-
West Arsi	84,626	486,230	83,242	2	474,606	*	*	*	-	*	-
Kelem Wellega	118,589	478,202	105,017	1	461,207	*	*	*	*	*	*
Horoguduru Wellega	83,041	419,708	82,942	1	403,932	-	*	-	*	*	*

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
<b>Somale</b>	*	*	*	*	*	-	-	-	*	*	*
Shinele	*	*	*	*	*	-	-	-	-	-	*
Jijiga	*	-	*	-	-	-	-	-	-	-	*
Liben	*	*	*	*	*	-	-	-	*	*	*
<b>Benshangul-Gumuz</b>	230,241	1,079,157	228,430	1	1,062,721	*	*	*	*	1	*
Metekel	115,771	721,269	115,771	1	721,269	-	-	-	-	-	*
Asosa	43,584	94,110	42,295	1	87,050	*	*	*	*	*	*
Kemeshi	*	*	*	*	*	-	-	-	-	*	*
Mao Komo	44,678	186,178	44,156	1	177,137	*	*	*	*	*	*
<b>SNNP</b>	779,235	8,077,588	760,342	2	7,885,526	11,162	2	82,196	7,730	2	109,866
Gurage	38,933	187,550	38,432	2	182,313	256	4	2,045	*	4	*
Hadiya	43,221	709,507	40,424	3	652,691	-	*	*	*	*	*
Kembata Tembaro	18,814	169,316	18,220	2	164,214	*	*	*	*	*	*
Sidama	90,559	762,506	86,380	2	713,260	3,639	*	*	*	*	*
Gedio	46,500	257,140	46,098	1	253,272	*	*	*	*	*	*
Wolayita	26,980	*	22,708	2	*	*	*	*	*	*	*
South Omo	76,846	472,264	76,260	2	472,264	*	-	-	-	-	*
Shaka	78,261	673,145	77,672	1	669,536	528	1	*	*	*	*
Kaffa	150,835	924,045	149,377	1	895,635	*	1	*	*	*	*
Gamo Gofa	49,655	258,021	49,234	1	258,021	*	-	-	-	-	*
Bench Maji	37,769	277,029	37,645	2	277,029	-	-	-	-	*	*
Yem Sp. Wereda	8,384	65,786	8,289	2	65,050	*	*	*	*	*	*
Amaro Sp. Wereda	17,858	*	16,186	2	*	*	*	*	*	*	*
Burji Sp. Wereda	*	*	*	*	*	-	-	-	-	-	*
Konso Sp. Wereda	*	*	*	2	*	-	-	-	-	-	*
Derashe Sp. Wereda	6,203	36,246	6,203	2	36,246	-	-	-	-	-	*
Dawro	18,955	102,465	18,556	1	99,728	*	*	*	*	-	*
Basketo Sp. Wereda	3,651	22,785	3,612	2	22,686	*	*	*	*	*	*
Konta Sp. Wereda	13,520	46,148	13,520	2	45,945	-	*	*	*	-	*
Silte	20,964	125,369	20,636	2	123,531	*	*	*	*	*	*
Alaba Sp. Wereda	9,788	169,689	9,349	2	156,199	*	*	*	*	*	*
Gambella Region	58,402	1,090,386	58,299	2	1,088,355	*	*	*	*	*	*
Agnuwak	*	*	*	2	*	*	*	*	*	*	*
Nuware	-	-	-	-	-	-	-	-	-	-	*
Mezhenger	31,072	609,817	31,072	2	609,817	-	-	-	-	-	*
Itang Special	-	-	-	-	-	-	-	-	-	-	*
<b>Harari</b>	928	4,215	869	2	4,215	*	*	-	-	-	*
Hundene	928	4,215	869	2	4,215	*	*	-	-	-	*
<b>Dire Dawa</b>	756	1,697	646	2	1,436	*	*	*	*	*	*

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
<b>Ethiopia</b>	10,054,710	4,853,332	5,201,378	4,103,954	2,494,316	1,609,638	789,227	332,038	457,189
<b>Tigray</b>	632,550	307,800	324,751	174,552	126,030	48,522	35,549	19,013	16,535
North West Tigray	208,214	98,943	109,271	30,083	18,381	11,703	8,763	4,012	4,751
Central Tigray	102,629	48,175	54,454	43,059	34,968	8,091	9,872	6,761	3,112
Eastern Tigray	60,953	31,510	29,443	34,651	24,808	9,842	1,985	1,454	*
Southern Tigray	126,264	58,417	67,847	49,498	40,413	9,085	*	*	*
Western Tigray	134,491	70,754	63,737	17,261	7,459	9,801	1,869	*	990
<b>Afar</b>	243,899	87,732	156,167	6,734	2,782	3,952	2,688	478	2,210
Zone 1	165,864	60,465	105,399	2,469	1,008	1,461	1,273	*	1,118
Zone 3	78,035	27,266	50,768	4,265	1,774	2,491	1,415	323	1,092
<b>Amhara</b>	2,010,003	991,376	1,018,626	1,211,492	814,896	396,596	87,596	36,103	51,492
North Gonder	437,619	219,898	217,722	140,858	92,636	48,221	8,802	4,028	4,774
South Gonder	215,451	109,640	105,810	121,499	78,668	42,830	12,519	4,750	7,769
North Wolo	185,904	90,231	95,674	115,098	72,921	42,177	5,783	2,022	3,761
South Wolo	280,537	130,384	150,152	180,999	124,058	56,941	15,374	5,352	10,022
North Shewa	163,178	77,759	85,419	149,226	117,113	32,113	18,391	7,235	11,156
East Gojam	185,518	97,941	87,577	166,069	113,533	52,537	6,099	3,481	*
West Gojam	264,528	129,336	135,192	199,807	139,605	60,202	4,518	2,403	*
Waghamera	70,923	32,793	38,131	32,838	16,203	16,636	8,277	2,691	5,586
Awi	139,465	68,795	70,671	72,826	42,088	30,738	4,325	2,446	1,879
Oromia	62,614	32,799	29,815	29,737	16,620	13,117	2,997	1,468	1,530
Argoba Special	4,265	1,800	2,465	2,535	1,451	1,084	510	228	282
<b>Oromia</b>	4,426,877	2,138,292	2,288,584	1,676,917	1,060,031	616,887	382,484	172,289	210,194
West Wellega	155,065	80,545	74,520	81,603	52,924	28,679	*	*	*
East Wellega	186,149	91,061	95,088	79,620	48,773	30,847	6,184	*	4,271
Illubabor	181,019	86,872	94,147	111,677	75,005	36,672	17,252	7,574	9,678
Jimma	418,313	195,642	222,671	165,154	107,543	57,610	143,096	71,970	71,126
West Shewa	404,446	190,281	214,164	185,064	124,231	60,833	27,336	14,612	12,724
North Shewa	267,604	131,798	135,806	117,105	76,752	40,353	34,055	17,510	16,545
East Shewa	144,340	68,536	75,804	52,357	39,012	13,345	2,879	*	2,234
Arsi	444,064	223,783	220,281	178,089	129,034	49,055	14,988	6,563	8,424
West Harerghe	245,801	124,631	121,171	118,382	78,397	39,985	24,985	12,771	12,214
East Harerghe	311,221	161,090	150,130	123,558	65,919	57,639	30,903	9,239	21,664
Bale	343,228	167,483	175,745	80,146	51,598	28,548	8,058	2,113	5,945
Borena	275,038	109,456	165,581	44,551	24,013	20,538	12,436	3,684	8,753
South West Shewa	157,770	83,003	74,767	76,767	44,552	32,215	14,234	7,821	6,413
Guji	247,899	110,035	137,863	65,296	29,792	35,503	5,813	1,895	3,917
West Arsi	473,688	232,771	240,917	107,080	52,524	54,555	16,532	5,305	11,228
Kelem Wellega	69,311	33,893	35,418	54,795	39,720	15,076	3,097	*	1,009
Horoguduru Wellega	101,922	47,411	54,511	35,673	20,240	15,433	1,159	*	857

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
<b>Somale</b>	158,934	74,943	83,991	6,438	3,934	2,503	1,993	760	1,233
Shinele	5,916	2,841	3,075	*	*	*	220	*	*
Jijiga	83,772	41,973	41,800	*	*	1,068	1,411	734	*
Liben	69,246	30,130	39,117	2,774	*	*	*	-	*
<b>Benshangul-Gumuz</b>	99,393	47,513	51,881	54,107	29,783	24,323	2,154	*	1,227
Metekel	84,198	40,583	43,615	27,717	14,349	13,368	*	*	*
Asosa	7,596	3,147	4,448	16,952	9,565	7,387	*	-	*
Kemeshi	4,583	2,327	2,257	6,497	4,000	2,496	-	-	-
Mao Komo	3,017	1,455	1,561	2,941	1,869	1,072	*	*	97
<b>SNNP</b>	2,396,333	1,167,758	1,228,575	956,853	447,845	509,008	271,535	101,320	170,215
Gurage	257,170	116,383	140,786	95,941	45,166	50,774	29,640	8,802	20,838
Hadiya	191,324	92,696	98,628	88,558	44,727	43,831	30,251	11,005	19,246
Kembata Tembaro	69,034	34,078	34,956	34,377	18,359	16,017	14,405	5,544	8,862
Sidama	554,726	282,697	272,029	173,972	20,810	153,162	8,205	*	5,819
Gedio	17,564	8,957	8,607	63,676	39,327	24,349	*	*	*
Wolayita	176,071	86,506	89,565	124,888	69,338	55,551	11,277	6,427	4,851
South Omo	218,236	99,732	118,505	20,246	10,636	9,611	18,822	8,630	10,193
Shaka	35,123	16,820	18,303	17,031	10,835	6,197	9,633	3,219	6,414
Kaffa	195,813	94,270	101,543	55,132	30,372	24,760	32,407	12,167	20,240
Gamo Gofa	279,884	134,660	145,224	111,129	61,926	49,203	62,567	22,835	39,731
Bench Maji	80,212	39,755	40,457	53,949	31,490	22,459	28,818	9,127	19,692
Yem Sp. Wereda	8,956	4,512	4,443	6,701	4,405	2,296	2,248	976	1,272
Amaro Sp. Wereda	25,747	12,475	13,272	12,745	7,888	4,857	824	471	*
Burji Sp. Wereda	6,994	3,590	3,404	2,420	1,608	812	281	*	186
Konso Sp. Wereda	22,894	11,868	11,026	4,450	3,317	1,133	*	*	420
Derashe Sp. Wereda	13,347	6,308	7,039	4,980	3,688	1,292	2,438	1,379	1,059
Dawro	75,065	38,059	37,006	25,943	12,126	13,818	1,984	763	1,221
Basketo Sp. Wereda	6,748	3,237	3,512	3,311	1,579	1,732	1,753	525	1,228
Konta Sp. Wereda	18,920	9,504	9,416	10,246	5,978	4,268	1,998	627	1,371
Silte	102,823	52,283	50,540	38,438	19,658	18,779	7,033	*	4,412
Alaba Sp. Wereda	39,683	19,366	20,316	8,720	4,612	4,108	4,535	2,033	2,502
<b>Gambela Region</b>	63,667	26,774	36,893	11,345	5,812	5,532	4,069	786	3,283
Angnuwak	2,349	1,141	1,208	*	3,172	*	*	-	*
Nuware	47,714	19,151	28,563	3,806	1,391	2,415	3,112	655	2,457
Mezhenger	5,819	2,940	2,878	3,106	1,133	1,973	526	*	480
Itang Special	7,786	3,542	4,244	456	117	339	*	*	*
<b>Harari</b>	11,203	5,800	5,402	2,842	1,302	1,540	749	293	457
Hundene	11,203	5,800	5,402	2,842	1,302	1,540	749	293	457
<b>Dire Dawa</b>	11,851	5,344	6,507	2,675	1,901	774	410	*	343

## b. Sheep

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	10,448,107	5,047,471	5,400,635	4,045,569	2,163,201	1,882,368	515,288	123,142	392,147
<b>Tigray</b>	425,042	211,169	213,872	142,278	67,452	74,826	10,236	4,496	5,740
North West Tigray	23,563	10,472	13,091	4,586	1,315	*	-	-	-
Central Tigray	101,770	53,012	48,757	26,252	7,097	19,155	*	*	*
Eastern Tigray	176,641	87,667	88,974	46,521	22,782	23,739	3,326	*	*
Southern Tigray	104,128	50,172	53,956	59,965	35,040	24,924	5,874	*	*
Western Tigray	18,941	9,846	9,095	4,953	1,218	3,736	*	-	*
<b>Afar</b>	334,561	126,365	208,196	15,562	7,413	8,149	4,243	1,574	2,669
Zone 1	225,915	88,281	137,634	7,521	4,356	3,165	1,849	1,045	804
Zone 3	108,645	38,084	70,561	8,040	3,056	4,984	2,394	*	1,865
<b>Amhara</b>	3,843,617	1,919,109	1,924,509	1,997,767	1,172,820	824,947	206,789	51,485	155,304
North Gonder	400,993	202,382	198,612	146,217	84,276	61,941	*	1,885	*
South Gonder	377,675	189,317	188,358	165,294	86,921	78,373	5,923	*	3,513
North Wolo	363,467	177,887	185,580	157,745	81,162	76,582	23,008	3,890	*
South Wolo	673,810	342,106	331,705	322,253	209,348	112,905	102,322	27,344	74,978
North Shewa	660,700	298,281	362,418	216,546	135,238	81,307	30,284	2,933	*
East Gojam	573,805	306,953	266,851	400,948	195,813	205,135	8,521	5,304	*
West Gojam	452,333	233,458	218,875	353,230	247,830	105,401	10,318	*	4,620
Waghamera	94,293	42,045	52,249	*	*	*	3,632	719	2,913
Awi	215,608	112,042	103,566	167,651	103,249	64,403	7,354	*	6,640
Oromia	30,049	14,280	*	21,612	13,465	8,147	*	*	*
Argoba Special	883	357	527	658	471	188	-	-	-
<b>Oromia</b>	4,009,585	1,920,495	2,089,090	1,343,631	699,598	644,033	179,879	44,166	135,713
West Wellega	140,359	67,368	72,990	42,851	9,858	32,993	6,272	*	5,621
East Wellega	125,952	63,980	61,972	46,523	25,807	20,716	1,879	*	*
Illubabor	193,114	92,680	100,434	50,638	17,108	33,530	13,407	*	12,899
Jimma	389,611	188,134	201,478	127,909	67,190	60,718	62,885	10,900	51,985
West Shewa	484,680	230,622	254,058	157,426	86,699	70,727	10,326	3,916	6,410
North Shewa	557,197	265,013	292,184	334,680	230,443	104,237	34,435	*	21,681
East Shewa	116,293	50,254	66,039	26,299	11,110	15,189	*	*	*
Arsi	591,636	291,098	300,538	137,056	70,709	66,347	8,409	*	*
West Harerghe	68,834	35,719	33,115	18,938	3,499	15,439	4,107	1,263	2,844
East Harerghe	148,513	71,161	77,352	55,367	27,248	28,119	10,142	*	8,864
Bale	136,740	69,190	67,550	24,730	5,061	19,669	*	*	*
Borena	132,219	56,776	75,443	27,407	4,105	23,303	3,757	651	3,106
South West Shewa	141,665	70,484	71,182	96,119	76,229	19,890	14,509	3,374	11,135
Guji	167,648	74,793	92,855	34,512	7,182	27,331	-	-	-
West Arsi	410,385	198,070	212,316	90,980	27,197	63,784	*	*	*
Kelem Wellega	116,235	54,546	61,690	45,290	17,460	27,830	2,307	*	2,163
Horoguduru Wellega	88,503	40,606	47,897	26,906	12,694	14,212	1,001	*	771

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
<b>Somale</b>	312,052	137,955	174,098	15,066	6,013	9,053	*	*	1,730
Shinele	19,645	8,563	11,082	1,847	877	*	*	150	*
Jijiga	197,982	87,549	110,433	10,009	*	*	*	*	*
Liben	94,425	41,842	52,583	3,209	*	2,397	*	*	*
<b>Benshangul-Gumuz</b>	49,495	24,162	25,333	21,375	7,819	13,556	*	*	*
Metekel	25,750	12,744	13,005	12,541	4,898	7,642	*	*	-
Asosa	9,317	4,279	5,038	4,189	1,171	3,019	*	*	*
Kemeshi	7,900	4,184	3,717	3,389	1,474	1,915	-	-	-
Mao Komo	6,528	2,955	3,573	1,255	276	980	*	*	*
<b>SNNP</b>	1,432,166	688,989	743,177	503,028	198,170	304,858	106,810	17,217	89,592
Gurage	129,896	58,057	71,839	35,365	18,119	17,246	8,194	*	7,034
Hadiya	93,367	48,542	44,825	29,605	8,263	21,343	13,212	*	11,887
Kembata Tembaro	32,889	17,319	15,571	23,262	13,340	9,922	6,104	586	5,518
Sidama	174,263	100,558	73,705	60,645	10,187	50,458	*	*	*
Gedio	70,028	33,566	36,462	48,714	18,858	29,856	*	*	*
Wolayita	64,183	31,017	33,166	45,575	14,684	30,891	8,532	*	7,263
South Omo	197,782	89,111	108,671	10,841	2,540	8,301	9,044	2,289	6,755
Shaka	35,927	17,094	18,834	20,640	12,916	7,724	3,933	636	3,297
Kaffa	197,306	95,278	102,028	54,824	27,850	26,974	20,751	2,233	18,518
Gamo Gofa	145,099	62,378	82,721	66,288	28,945	37,343	9,295	*	8,133
Bench Maji	63,491	31,624	31,867	37,921	18,959	18,962	12,436	1,100	11,337
Yem Sp. Wereda	12,271	6,190	6,081	2,886	556	2,330	1,123	*	1,046
Amaro Sp. Wereda	10,622	5,396	5,226	6,834	3,342	3,492	*	-	*
Burji Sp. Wereda	1,025	556	470	293	*	247	-	-	-
Konso Sp. Wereda	21,897	10,804	11,093	4,871	2,027	2,844	4,006	*	1,737
Derashe Sp. Wereda	9,247	4,773	4,474	1,954	*	1,514	*	*	*
Dawro	39,689	17,780	21,909	18,239	5,875	12,364	1,232	*	802
Basketo Sp. Wereda	6,288	2,782	3,507	1,699	410	1,289	448	*	401
Konta Sp. Wereda	7,861	3,812	4,049	5,992	4,209	1,783	*	*	*
Silte	98,035	42,267	55,769	23,897	6,258	17,639	2,321	*	1,680
Alaba Sp. Wereda	20,997	10,086	10,912	2,684	348	2,336	*	*	*
<b>Gambela Region</b>	19,677	8,485	11,192	3,604	2,031	1,573	535	*	439
Angnuwak	*	*	*	*	*	*	*	*	*
Nuware	16,036	6,867	9,170	460	*	300	*	-	*
Mezhenger	1,699	866	833	2,738	1,673	1,066	277	-	277
Itang Special	1,713	629	1,084	114	-	114	*	-	*
<b>Harari</b>	1,654	825	829	904	637	268	314	*	227
Hundene	1,654	825	829	904	637	268	314	*	227
<b>Dire Dawa</b>	20,258	9,919	10,339	2,355	1,249	1,106	967	345	622

**c. Goats**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	9,585,719	4,442,012	5,143,707	1,937,292	703,608	1,233,684	299,101	50,469	248,631
<b>Tigray</b>	1,195,557	533,254	662,303	174,567	64,996	109,571	8,288	2,982	5,306
North West Tigray	437,078	187,446	249,632	37,586	12,730	24,856	*	*	*
Central Tigray	358,841	161,967	196,874	39,884	14,319	25,565	2,508	*	1,625
Eastern Tigray	68,892	28,894	39,999	18,157	8,301	9,855	*	*	*
Southern Tigray	159,806	80,976	78,830	41,612	19,197	22,414	4,120	1,755	2,366
Western Tigray	170,939	73,971	96,968	37,329	10,448	26,880	*	-	*
<b>Afar</b>	551,279	198,175	353,104	*	*	8,680	9,085	2,908	6,177
Zone 1	363,406	134,872	228,534	*	*	4,423	4,493	2,069	2,424
Zone 3	187,874	63,304	124,570	8,782	4,525	4,257	4,593	839	3,753
<b>Amhara</b>	2,590,952	1,247,584	1,343,368	798,282	342,000	456,282	65,910	9,784	56,126
North Gonder	581,970	274,096	307,874	108,683	41,106	67,577	11,767	*	*
South Gonder	271,013	135,915	135,098	80,574	35,512	45,063	6,096	*	4,930
North Wolo	310,760	146,749	164,011	80,039	30,017	50,021	12,341	1,555	10,786
South Wolo	338,816	171,719	167,096	162,303	62,858	99,445	*	*	*
North Shewa	302,296	146,892	155,404	124,452	67,696	56,756	9,853	-	9,853
East Gojam	191,290	96,337	94,953	75,175	33,065	42,110	*	*	-
West Gojam	174,394	83,661	90,733	33,954	17,464	16,490	*	*	-
Waghamera	240,386	102,045	138,341	77,880	29,702	48,178	13,281	2,374	10,907
Awi	70,182	35,176	35,006	28,605	16,522	12,083	*	*	*
Oromia	99,286	49,917	49,369	23,956	7,251	16,705	*	*	*
Argoba Special	10,559	5,077	5,483	2,661	806	1,855	223	27	196
<b>Oromia</b>	3,269,593	1,548,556	1,721,037	575,925	173,123	402,802	139,304	21,935	117,369
West Wellega	77,532	38,870	38,662	16,977	4,056	12,921	*	-	*
East Wellega	92,232	44,473	47,759	25,873	9,380	16,492	*	*	*
Illubabor	99,038	49,888	49,150	27,377	8,662	18,715	6,087	*	5,678
Jimma	145,621	74,156	71,465	29,708	6,208	23,499	36,129	3,682	32,448
West Shewa	217,786	106,874	110,912	34,388	8,447	25,941	6,038	*	5,365
North Shewa	138,246	68,322	69,923	37,010	16,846	20,165	*	-	*
East Shewa	199,800	94,016	105,784	19,365	6,025	13,340	3,679	*	2,755
Arsi	319,662	148,498	171,164	46,239	10,758	35,481	*	*	7,988
West Harerghe	331,065	155,458	175,607	58,746	15,029	43,717	12,907	2,769	10,138
East Harerghe	438,643	220,895	217,748	91,323	37,243	54,079	24,026	5,510	18,516
Bale	323,304	149,850	173,454	37,832	8,629	29,203	8,676	898	7,778
Borena	310,940	126,296	184,644	24,247	5,939	18,308	12,541	838	11,702
South West Shewa	127,045	60,008	67,037	35,999	15,651	20,348	6,686	*	5,699
Guji	157,728	70,821	86,907	22,345	3,802	18,543	*	-	*
West Arsi	181,609	87,795	93,814	37,010	4,456	32,554	*	*	*
Kelem Wellega	40,594	19,780	20,814	19,273	7,375	11,898	*	-	*
Horoguduru Wellega	68,749	32,556	36,193	12,214	4,616	7,598	*	*	*

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
<b>Somale</b>	446,579	187,989	258,590	17,978	4,614	13,364	5,063	1,317	3,746
Shinele	75,585	32,060	43,525	4,054	2,231	1,823	1,432	*	1,255
Jijiga	171,496	74,662	96,834	5,902	1,102	4,800	*	*	*
Liben	199,499	81,267	118,232	8,022	1,281	6,741	1,962	*	1,308
<b>Benshangul-Gumuz</b>	250,637	112,435	138,202	49,955	12,837	37,118	*	*	1,010
Metekel	96,689	45,967	50,722	14,761	5,802	8,959	*	*	*
Asosa	105,731	45,663	60,068	26,563	5,229	21,334	*	*	*
Kemeshi	33,103	14,273	18,830	6,122	1,553	4,569	*	-	*
Mao Komo	15,114	6,532	8,582	2,509	253	2,256	*	-	*
<b>SNNP</b>	1,175,448	566,346	609,103	278,604	77,732	200,872	65,077	9,627	55,450
Gurage	48,932	22,099	26,833	15,717	4,211	11,505	4,032	*	3,644
Hadiya	57,482	26,324	31,158	19,105	5,191	13,913	5,225	*	4,468
Kembata Tembaro	11,758	5,765	5,993	9,830	1,585	8,245	3,719	*	3,488
Sidama	104,738	55,984	48,754	57,067	13,221	43,846	*	-	*
Gedio	3,187	*	1,959	3,469	1,707	1,762	*	-	*
Wolayita	34,107	17,392	16,715	23,858	3,907	19,951	4,443	*	3,544
South Omo	397,778	173,696	224,082	10,748	4,446	6,301	*	2,362	*
Shaka	9,397	5,034	4,363	5,789	3,165	2,624	2,254	*	1,969
Kaffa	108,372	58,287	50,085	20,679	7,941	12,738	9,100	*	8,721
Gamo Gofa	116,713	58,902	57,811	42,328	11,379	30,949	15,326	*	14,038
Bench Maji	35,115	17,034	18,081	17,206	7,880	9,327	4,164	*	3,620
Yem Sp. Wereda	11,561	5,767	5,793	1,976	125	1,851	738	*	689
Amaro Sp. Wereda	27,665	14,686	12,979	6,364	1,404	4,961	*	*	*
Burji Sp. Wereda	9,814	4,705	5,109	1,184	248	936	63	*	*
Konso Sp. Wereda	53,232	26,367	26,865	6,360	2,965	3,395	3,647	1,865	1,782
Derashe Sp. Wereda	27,921	13,058	14,863	3,125	564	2,561	1,548	*	1,345
Dawro	28,225	14,440	13,785	9,164	1,742	7,422	*	*	*
Basketo Sp. Wereda	2,662	1,252	1,411	679	188	492	*	*	*
Konta Sp. Wereda	5,968	3,000	2,968	3,692	821	2,871	391	*	*
Silte	52,715	26,953	25,762	16,570	4,336	12,234	*	-	*
Alaba Sp. Wereda	28,105	14,371	13,734	3,695	706	2,990	1,715	*	1,636
<b>Gambela Region</b>	32,976	14,191	18,786	2,939	1,022	1,917	407	*	388
Angnuwak	4,747	2,181	2,566	831	95	736	123	-	123
Nuware	22,921	9,314	13,607	794	238	556	*	*	*
Mezhenger	643	343	301	1,025	631	394	*	-	*
Itang Special	4,666	2,353	2,313	290	58	231	*	-	*
<b>Harari</b>	13,800	6,895	6,904	2,864	1,748	1,116	900	177	723
Hundene	13,800	6,895	6,904	2,864	1,748	1,116	900	177	723
<b>Dire Dawa</b>	58,897	26,587	32,310	4,235	2,274	1,961	3,022	684	2,338

#### d. Horses

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	163,510	81,048	82,462	225,633	130,711	94,923	14,799	3,379	11,420
<b>Tigray</b>	*	*	*	*	*	*	-	-	-
North West Tigray	*	*	*	-	-	-	-	-	-
Central Tigray	*	-	*	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-	-	-
Southern Tigray	*	*	*	*	-	*	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
<b>Afar</b>	*	-	*	*	*	-	-	-	-
Zone 1	*	-	*	*	*	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	37,825	17,781	20,044	51,824	24,531	27,292	2,378	*	1,985
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	*	5,312	*	2,059	*	-	*
North Wolo	4,391	*	2,747	6,330	2,426	3,904	*	-	*
South Wolo	5,875	3,210	2,665	7,927	2,174	*	*	-	*
North Shewa	5,105	2,110	2,995	4,572	1,809	*	*	-	*
East Gojam	8,270	*	5,399	11,612	5,736	5,875	-	-	-
West Gojam	*	*	*	3,098	1,963	*	*	*	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	3,826	*	*	10,459	6,107	4,352	-	-	-
Oromia	-	-	-	*	*	*	-	-	-
Argoba Special	-	-	-	*	-	*	-	-	-
<b>Oromia</b>	91,530	44,433	47,096	124,605	79,429	45,175	8,285	1,641	6,644
West Wellega	*	-	*	*	*	*	-	-	-
East Wellega	*	*	*	*	*	-	-	-	-
Illubabor	5,621	1,872	3,749	4,353	2,277	2,076	*	-	*
Jimma	8,816	*	3,798	10,437	*	6,036	*	-	*
West Shewa	12,285	5,810	6,475	24,619	18,540	6,079	*	*	*
North Shewa	13,687	6,098	7,588	9,299	5,128	4,171	*	*	*
East Shewa	*	*	*	3,041	3,041	-	-	-	-
Arsi	15,054	6,952	8,102	22,904	12,238	10,666	*	*	*
West Harerghe	-	-	-	*	*	*	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	7,738	5,802	1,936	*	*	-
Borena	*	*	-	-	-	-	*	-	*
South West Shewa	1,850	*	898	9,962	9,757	*	*	-	*
Guji	5,542	3,298	2,245	13,146	8,494	4,653	*	-	*
West Arsi	13,379	6,027	7,352	12,906	6,683	6,223	*	-	*
Kelem Wellega	*	*	*	*	*	556	-	-	-
Horoguduru Wellega	4,472	1,905	2,566	2,433	1,684	749	*	-	*

TABLE 3-19 - d CONT'D

### e. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	616,024	319,185	296,839	770,513	443,358	327,155	35,870	13,830	22,040
<b>Tigray</b>	45,526	25,914	19,612	50,238	31,371	18,867	*	-	*
North West Tigray	7,743	5,159	2,583	8,093	3,897	4,196	*	-	*
Central Tigray	9,494	4,397	5,097	9,768	6,883	2,885	-	-	-
Eastern Tigray	10,626	5,986	4,640	11,802	7,612	4,190	-	-	-
Southern Tigray	12,239	7,191	5,048	13,557	7,608	5,949	-	-	-
Western Tigray	5,425	3,181	2,244	*	*	*	-	-	-
<b>Afar</b>	3,293	1,652	1,641	*	*	*	*	*	*
Zone 1	2,002	1,092	910	*	-	*	*	*	*
Zone 3	1,290	560	730	*	*	*	*	-	*
<b>Amhara</b>	244,581	120,407	124,173	318,269	171,322	146,948	7,695	1,605	6,090
North Gonder	32,522	17,015	15,508	39,498	26,019	13,479	-	-	-
South Gonder	26,216	13,192	13,023	32,214	12,031	20,183	-	-	-
North Wolo	26,468	14,425	12,043	38,027	19,147	18,880	*	*	*
South Wolo	45,708	20,716	24,992	45,932	25,192	20,740	*	-	*
North Shewa	36,940	18,120	18,820	35,227	19,194	16,033	*	*	*
East Gojam	33,960	19,047	14,913	53,116	27,450	25,666	*	*	*
West Gojam	25,196	10,175	15,022	38,872	20,691	18,181	*	-	*
Waghamera	6,271	3,098	3,174	11,149	6,416	4,733	-	-	-
Awi	7,598	2,293	5,305	18,774	*	5,819	*	-	*
Oromia	3,289	2,196	1,092	4,856	1,935	2,921	*	-	*
Argoba Special	414	131	283	605	292	313	58	*	49
<b>Oromia</b>	275,252	148,229	127,023	289,281	165,364	123,916	23,101	10,524	12,577
West Wellega	14,915	7,048	7,867	16,684	7,654	9,029	1,051	*	818
East Wellega	8,305	4,016	4,290	17,152	12,894	4,258	*	*	*
Illubabor	2,928	1,514	1,414	5,889	3,524	2,365	*	*	*
Jimma	4,512	*	*	15,598	8,596	7,002	*	*	*
West Shewa	21,307	10,561	10,745	23,821	12,581	11,240	*	*	*
North Shewa	39,001	20,527	18,474	18,599	7,152	11,447	1,635	1,058	*
East Shewa	19,080	9,034	10,046	15,167	8,912	6,255	*	-	*
Arsi	41,539	24,797	16,742	40,754	18,537	22,217	*	*	*
West Harerghe	15,762	9,481	6,281	18,957	12,157	6,800	3,162	1,526	1,636
East Harerghe	24,554	14,758	9,796	17,010	10,144	6,866	*	*	*
Bale	20,319	11,775	8,544	19,131	14,785	4,346	*	-	*
Borena	2,280	*	1,469	3,116	2,008	1,108	-	-	-
South West Shewa	22,332	10,842	11,491	30,113	*	11,677	*	*	*
Guji	2,488	*	*	4,850	2,276	*	*	*	-
West Arsi	24,022	12,488	11,534	20,474	10,642	9,832	*	-	*
Kelem Wellega	2,861	1,229	1,632	13,958	10,887	3,071	-	-	-
Horoguduru Wellega	9,046	5,664	3,381	8,007	4,179	3,828	*	*	-

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
<b>Somale</b>	6,325	3,254	3,070	1,881	1,077	*	*	*	*
Shinele	990	465	525	*	-	*	*	-	*
Jijiga	2,449	1,102	1,347	*	*	*	*	*	*
Liben	2,886	1,688	*	*	692	*	-	-	-
<b>Benshangul-Gumuz</b>	5,622	3,212	2,409	16,443	12,576	3,867	*	*	*
Metekel	985	*	474	6,187	5,954	*	-	-	-
Asosa	3,921	2,272	1,650	7,843	4,542	3,301	*	*	*
Kemeshi	*	*	-	1,724	1,611	*	-	-	-
Mao Komo	535	250	285	688	470	219	-	-	-
<b>SNNP</b>	32,723	14,897	17,826	93,335	61,060	32,275	3,869	*	2,569
Gurage	8,607	3,633	4,974	11,032	6,223	4,810	-	-	-
Hadiya	4,225	*	3,266	13,069	6,222	6,846	*	-	*
Kembata Tembaro	*	*	*	4,775	4,016	*	*	*	*
Sidama	3,000	*	*	19,144	18,497	*	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	-	*	12,053	11,604	*	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	*	*	-	1,221	1,151	*	-	-	-
Kaffa	*	*	*	*	*	-	-	-	-
Gamo Gofa	1,817	*	*	10,411	3,656	6,755	*	*	-
Bench Maji	*	-	*	592	592	-	*	-	*
Yem Sp. Wereda	97	*	*	325	146	179	-	-	-
Amaro Sp. Wereda	*	*	*	*	*	*	*	-	*
Burji Sp. Wereda	123	75	*	231	160	71	-	-	-
Konso Sp. Wereda	*	*	*	*	*	*	-	-	-
Derashe Sp. Wereda	*	293	*	543	384	*	*	-	*
Dawro	-	-	-	*	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	215	101	114	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	4,252	2,105	2,147	11,295	*	7,537	1,541	*	1,214
Alaba Sp. Wereda	3,885	1,688	2,197	*	868	*	842	*	673
<b>Gambela Region</b>	-	-	-	*	*	-	*	*	*
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	*	*	*
<b>Harari</b>	378	289	*	*	*	-	125	*	*
Hundene	378	289	*	*	*	-	125	*	*
<b>Dire Dawa</b>	2,325	1,330	995	324	*	294	*	*	*

**f. Mules**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	24,169	12,177	11,993	66,316	35,004	31,311	3,170	*	2,395
<b>Tigray</b>	-	-	-	*	-	*	*	*	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	*	-	*	-	-	-
Southern Tigray	-	-	-	*	-	*	*	*	-
Western Tigray	-	-	-	*	-	*	-	-	-
<b>Afar</b>	*	*	*	-	-	-	-	-	-
Zone 1	*	*	*	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	11,612	5,887	5,725	33,350	14,619	18,731	*	-	*
North Gonder	-	-	-	*	*	*	-	-	-
South Gonder	*	*	*	*	*	*	*	-	*
North Wolo	*	-	*	*	1,718	*	-	-	-
South Wolo	5,576	2,739	2,837	3,110	*	1,690	-	-	-
North Shewa	*	*	*	1,839	*	*	-	-	-
East Gojam	*	*	-	*	*	*	-	-	-
West Gojam	*	*	*	6,307	2,121	4,185	-	-	-
Waghamera	-	-	-	713	*	*	-	-	-
Awi	*	*	*	2,885	2,220	*	-	-	-
Oromia	*	*	-	*	-	*	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	8,542	4,147	*	20,842	12,414	8,427	2,045	*	1,530
West Wellega	-	-	-	886	*	*	-	-	-
East Wellega	-	-	-	1,219	677	*	-	-	-
Illubabor	*	*	*	1,827	805	*	-	-	-
Jimma	*	*	*	*	*	*	*	-	*
West Shewa	*	*	-	*	*	*	-	-	-
North Shewa	*	-	*	-	-	-	*	-	*
East Shewa	*	*	-	*	*	-	*	*	-
Arsi	1,273	*	*	*	*	*	-	-	-
West Harerghe	-	-	-	*	*	*	*	-	*
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	-	*	2,911	*	1,535	-	-	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	*	-	*	866	*	*	-	-	-
Guji	*	*	-	*	*	*	*	-	*
West Arsi	*	*	*	*	*	-	-	-	-
Kelem Wellega	-	-	-	1,418	1,146	*	*	*	-
Horoguduru Wellega	*	-	*	488	*	*	-	-	-

TABLE 3-19 - f CONT'D

### **g. Camels**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	166,579	74,650	91,930	40,583	32,259	8,324	1,767	*	*
<b>Tigray</b>	*	*	*	5,801	5,589	*	-	-	-
North West Tigray	*	*	*	1,270	1,270	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	3,518	3,307	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
<b>Afar</b>	34,484	12,660	21,824	*	*	*	-	-	-
Zone 1	16,988	6,761	10,227	*	*	-	-	-	-
Zone 3	17,496	5,899	11,597	*	*	*	-	-	-
<b>Amhara</b>	*	*	-	17,703	16,705	*	*	*	-
North Gonder	*	*	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	-	-	-	3,409	3,409	-	-	-	-
South Wolo	-	-	-	*	*	-	-	-	-
North Shewa	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	*	*	*	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	*	*	-	*	*	-
Argoba Special	-	-	-	265	265	-	-	-	-
<b>Oromia</b>	67,945	34,980	32,965	14,351	8,953	5,398	*	-	*
West Wellega	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	*	*	-	-	-	-
Arsi	*	*	*	*	*	*	-	-	-
West Harerghe	7,292	2,291	*	*	*	*	*	*	*
East Harerghe	11,136	8,399	2,737	*	*	*	*	*	*
Bale	7,890	3,920	*	5,706	*	*	-	-	-
Borena	12,304	7,424	4,880	*	*	*	-	-	-
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	*	*	*	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	*	*	-	-	-	-	-	-	-

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
<b>Somale</b>	47,099	18,614	28,485	*	*	*	*	*	*
Shinele	1,760	732	1,028	*	*	-	*	*	*
Jijiga	14,538	5,702	8,836	*	*	-	*	*	-
Liben	30,801	12,180	18,621	*	*	*	*	*	*
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	*	*	*	*	*	*	-	-	-
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	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	235	*	*	-	-	-	-	-	-
Hundene	235	*	*	-	-	-	-	-	-
<b>Dire Dawa</b>	924	583	341	*	*	*	*	*	*

### **h. Poultry**

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>Ethiopia</b>	64,650,909	8,679,177	620,492
<b>Tigray</b>	7,171,423	709,882	85,442
North West Tigray	2,388,610	110,496	25,264
Central Tigray	1,614,008	200,058	19,896
Eastern Tigray	814,555	88,444	12,922
Southern Tigray	1,428,638	211,960	21,785
Western Tigray	925,613	98,922	5,575
<b>Afar</b>	19,218	1,966	301
Zone 1	*	*	*
Zone 3	18,231	1,687	*
<b>Amhara</b>	24,248,757	3,783,323	143,251
North Gonder	7,579,130	729,332	25,141
South Gonder	2,626,140	449,372	11,409
North Wolo	1,233,481	361,724	10,838
South Wolo	1,735,991	500,048	11,686
North Shewa	2,124,853	627,648	25,054
East Gojam	1,210,937	298,202	7,210
West Gojam	5,200,559	505,416	31,956
Waghamera	678,909	69,415	4,242
Awi	1,424,101	178,250	12,057
Oromia	401,090	59,452	3,187
Argoba Special	33,565	4,464	471
<b>Oromia</b>	21,117,718	2,616,792	266,737
West Wellega	2,079,078	196,670	10,667
East Wellega	1,340,988	153,190	13,426
Illubabor	1,457,196	146,063	19,141
Jimma	1,877,107	182,147	53,232
West Shewa	2,024,207	382,102	*
North Shewa	659,254	146,185	*
East Shewa	1,126,160	94,968	5,951
Arsi	2,014,442	344,342	12,396
West Harerghe	1,398,898	115,574	26,895
East Harerghe	1,405,051	104,487	47,463
Bale	635,272	92,065	10,457
Borena	483,142	52,529	5,257
South West Shewa	1,041,747	185,189	11,807
Guji	463,086	73,039	*
West Arsi	1,258,062	158,523	4,786
Kelem Wellega	1,218,404	130,498	9,206
Horoguduru Wellega	635,621	59,223	2,369

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>Somale</b>	65,508	6,630	2,111
Shinele	*	*	229
Jijiga	5,284	*	*
Liben	54,356	6,125	1,628
<b>Benshangul-Gumuz</b>	1,845,022	192,332	8,597
Metekel	894,610	78,878	4,215
Asosa	524,902	87,134	*
Kemeshi	270,941	13,951	*
Mao Komo	154,569	12,369	452
<b>SNNP</b>	9,792,401	1,338,037	105,425
Gurage	366,228	146,113	3,443
Hadiya	893,623	98,433	13,814
Kembata Tembaro	304,554	42,395	5,467
Sidama	820,506	305,605	3,701
Gedio	142,494	88,081	-
Wolayita	826,151	86,114	17,843
South Omo	434,839	30,303	6,580
Shaka	424,199	70,122	3,672
Kaffa	1,827,188	126,806	12,327
Gamo Gofa	987,012	108,141	19,059
Bench Maji	1,327,065	106,450	9,937
Yem Sp. Wereda	41,764	5,756	1,118
Amaro Sp. Wereda	99,996	13,115	*
Burji Sp. Wereda	30,076	1,879	*
Konso Sp. Wereda	147,259	9,448	1,098
Derashe Sp. Wereda	118,123	8,355	*
Dawro	185,386	28,284	1,049
Basketo Sp. Wereda	42,540	3,602	293
Konta Sp. Wereda	93,955	9,098	777
Silte	486,298	41,419	*
Alaba Sp. Wereda	193,144	8,520	*
<b>Gambela Region</b>	312,900	21,905	4,372
Angnuwak	119,444	5,736	*
Nuware	48,978	1,860	*
Mezhenger	60,467	12,238	990
Itang Special	84,011	2,070	322
<b>Harari</b>	31,337	1,668	1,168
Hundene	31,337	1,668	1,168
<b>Dire Dawa</b>	46,625	6,630	3,088

**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
<b>Ethiopia</b>	6,220,134	3,874,441	2,345,693	407,457	232,257	175,199	5,049,944	2,058,710	2,991,234	600,737	237,009	363,729
Tigray	296,452	199,966	96,486	41,428	24,654	16,774	200,054	91,099	108,954	54,881	24,602	30,280
North West Tigray	68,751	45,748	23,003	7,904	4,350	3,555	61,188	25,228	35,960	19,380	8,125	11,255
Central Tigray	71,151	51,907	19,244	8,934	6,131	2,804	30,561	14,941	15,619	12,234	5,765	6,469
Eastern Tigray	38,829	26,069	12,761	5,947	3,922	2,025	20,221	10,896	9,325	2,402	*	1,231
Southern Tigray	68,266	45,987	22,280	7,702	4,145	3,557	35,958	18,699	17,259	15,146	7,278	7,869
Western Tigray	49,455	30,256	19,199	10,940	6,106	4,834	52,126	21,335	30,791	5,718	2,262	3,456
Afar	49,934	26,360	23,573	5,900	3,277	2,623	82,563	19,232	63,332	2,066	460	1,606
Zone 1	38,897	19,406	19,490	4,384	2,132	2,252	64,576	14,881	49,696	1,716	*	1,326
Zone 3	11,037	6,954	4,083	1,516	1,146	370	17,987	4,351	13,636	*	*	*
<b>Amhara</b>	1,711,032	1,119,344	591,687	100,248	55,287	44,961	807,538	390,011	417,527	86,664	36,506	50,159
North Gonder	290,898	183,643	107,254	11,150	7,532	3,617	165,350	83,005	82,345	17,844	7,840	10,004
South Gonder	181,535	117,768	63,767	7,196	3,031	4,164	89,015	40,596	48,419	10,030	4,848	5,182
North Wolo	176,303	110,426	65,878	9,846	4,376	5,470	61,107	30,489	30,618	9,358	2,748	6,611
South Wolo	284,602	183,520	101,081	21,387	9,579	11,808	82,101	36,795	45,306	10,569	2,752	7,817
North Shewa	150,150	109,502	40,648	14,837	9,032	5,805	94,937	51,831	43,107	8,069	3,180	4,889
East Gojam	220,950	150,581	70,369	14,798	9,055	5,744	94,800	46,130	48,670	12,413	7,707	4,706
West Gojam	236,539	155,858	80,682	7,767	5,797	1,970	92,588	50,748	41,840	8,055	3,250	4,805
Waghamera	43,793	26,926	16,867	*	*	1,584	25,583	12,303	13,280	6,803	3,189	3,614
awi	85,770	53,988	31,782	5,858	2,354	*	47,859	17,017	30,842	1,822	*	*
Oromia	37,078	24,945	12,133	2,526	1,420	1,107	52,658	20,463	32,195	1,542	*	1,319
Argoba Special	3,414	2,188	1,226	394	207	187	1,541	635	906	160	*	141
<b>Oromia</b>	2,789,171	1,797,264	991,907	145,221	73,860	71,361	2,596,472	1,043,264	1,553,208	266,133	104,976	161,157
West Wellega	91,574	58,966	32,609	1,350	*	910	94,794	42,518	52,276	5,899	3,226	2,674
East Wellega	107,641	70,284	37,357	3,963	1,490	2,473	82,875	36,611	46,264	5,272	2,694	2,578
Illubabor	129,692	97,247	32,445	2,893	*	1,741	113,903	53,064	60,839	11,872	5,724	6,148
Jimma	279,022	189,403	89,618	7,636	3,201	4,435	175,267	71,242	104,024	75,897	31,383	44,514
West Shewa	265,722	171,297	94,425	21,190	12,248	8,942	125,369	57,959	67,410	7,429	4,387	3,042
North Shewa	194,536	121,621	72,915	18,546	8,331	10,216	117,708	51,672	66,036	16,436	6,539	*
East Shewa	76,451	46,581	29,869	8,718	4,992	3,726	43,628	25,840	17,788	4,446	760	3,687
Arsi	320,664	219,877	100,787	17,163	7,469	9,694	182,513	85,510	97,004	26,128	9,156	16,972
West Harerghe	208,154	138,970	69,184	3,752	2,432	*	140,427	57,713	82,715	13,253	5,819	7,434
East Harerghe	226,127	127,159	98,969	*	*	*	227,880	82,740	145,140	34,116	10,751	23,365
Bale	150,355	103,262	47,093	6,706	2,896	3,809	182,227	71,902	110,325	15,806	4,448	11,358
Borena	146,010	84,058	61,952	4,867	3,188	1,679	529,101	155,406	373,695	17,061	4,349	12,711
South West Shewa	108,445	67,338	41,107	18,765	11,527	7,238	74,543	35,888	38,655	8,711	5,161	3,550
Guji	128,040	73,977	54,063	4,689	2,781	1,907	221,294	83,587	137,706	6,507	2,959	3,547
West Arsi	251,156	156,913	94,243	12,743	5,214	7,529	191,763	83,226	108,537	12,745	5,481	7,264
Kelem Wellega	54,108	38,144	15,964	638	*	*	42,936	23,326	19,610	1,116	699	*
Horoguduru												
Wellega	51,476	32,169	19,306	2,889	1,373	1,516	50,243	25,060	25,183	3,437	1,439	1,998

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
<b>Somale</b>	28,026	18,595	9,431	1,076	735	*	298,247	75,739	222,508	1,569	*	1,193
Shinele	2,852	2,028	824	*	-	*	1,952	621	1,331	276	*	*
Jijiga	9,680	7,391	2,289	376	*	*	10,150	4,187	5,963	*	*	*
Liben	15,493	9,175	6,318	670	583	*	286,144	70,931	215,213	*	*	*
<b>Benshangul-Gumuz</b>												
Metekel	55,481	35,513	19,968	3,748	2,167	1,582	62,348	29,321	33,027	1,806	702	1,104
Asosa	34,949	22,626	12,323	3,205	1,913	1,293	37,816	16,313	21,504	1,738	674	1,064
Kemeshi	12,831	7,586	5,244	*	*	*	13,766	7,778	5,988	-	-	-
Mao Komo	5,459	4,054	1,405	*	*	*	2,407	1,227	1,180	*	*	*
Tembaro	2,242	1,247	995	*	*	-	8,359	4,003	4,356	-	-	-
<b>SNNP</b>	1,268,28			109,03								
Gurage	2	664,312	603,970	2	71,790	37,242	972,771	401,313	571,457	165,892	65,027	100,865
Hadiya	87,501	40,903	46,599	53,012	33,875	19,137	85,011	27,845	57,166	11,040	*	5,400
Kembata	119,370	76,838	42,532	3,359	1,034	2,325	49,804	22,960	26,843	19,319	7,446	11,873
Sidama	45,053	25,633	19,420	970	598	*	29,884	14,189	15,695	12,675	5,792	6,883
Gedio	370,944	127,151	243,794	26,539	21,247	5,291	141,647	47,489	94,158	12,294	3,140	9,154
Wolayita	33,990	20,237	13,753	*	*	*	5,856	2,624	3,232	*	*	*
South Omo	137,358	86,249	51,109	-	-	-	104,806	49,523	55,283	12,146	3,907	8,239
Shaka	28,471	18,502	9,969	3,506	*	854	111,761	40,553	71,208	10,182	3,807	6,374
Kaffa	25,971	16,585	9,386	396	*	226	13,285	5,005	8,280	7,046	2,358	4,689
Gamo Gofa	73,641	44,552	29,089	4,895	2,186	2,709	103,832	48,173	55,659	23,425	8,404	15,021
Bench Maji	143,611	85,296	58,315	3,870	1,817	2,053	120,850	50,092	70,758	23,711	10,395	13,316
Yem Sp. Wereda	47,271	29,914	17,358	1,624	1,082	*	35,996	19,128	16,868	19,871	7,530	12,341
Amaro Sp.	9,389	5,848	3,540	776	241	536	4,162	1,965	2,196	2,348	960	1,388
Wereda	15,071	10,873	4,197	498	*	*	13,846	6,583	7,262	473	*	*
Burji Sp. Wereda	2,124	1,327	796	*	*	*	5,009	2,537	2,472	*	*	*
Konso Sp.	7,648	5,006	2,643	*	*	*	12,475	5,406	7,068	*	*	*
Wereda	11,276	6,797	4,479	*	*	*	16,299	7,756	8,543	1,514	668	846
Silte	52,442	30,350	22,092	4,112	2,642	1,470	39,486	17,266	22,220	2,271	1,554	*
Alaba Sp.	14,876	8,633	6,242	1,421	1,160	*	20,117	8,048	12,069	2,658	1,261	1,398
<b>Gambela Region</b>	13,982	7,893	6,090	607	351	*	17,665	5,068	12,597	20,365	3,884	16,481
Angnuwak	910	823	*	*	*	*	1,095	537	558	*	*	*
Nuware	7,943	4,149	3,794	*	*	*	13,135	3,672	9,464	18,748	*	15,234
Mezhenger	3,798	1,907	1,890	*	*	*	1,377	262	1,115	546	*	386
Itang Special	1,332	1,014	317	*	168	*	2,058	597	1,461	1,013	188	825
<b>Harari</b>	4,674	2,919	1,755	162	*	*	9,430	2,800	6,630	862	185	678
Hundene	4,674	2,919	1,755	162	*	*	9,430	2,800	6,630	862	185	678
Dire Dawa	3,100	2,273	827	*	-	*	2,856	863	1,993	499	292	207

## 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
<b>Ethiopia</b>	6,153,306	3,302,090	2,851,216	3,313,454	2,413,374	900,080	4,593,976	1,457,159	3,136,817	291,447	80,710	210,737
Tigray	190,407	99,959	90,448	177,104	138,231	38,873	160,836	53,956	106,880	7,895	4,389	3,507
North West Tigray	7,308	4,990	*	4,533	3,623	*	5,249	866	4,383	-	-	-
Central Tigray	35,604	19,707	15,898	27,462	22,207	5,254	48,087	17,735	30,352	*	*	*
Eastern Tigray	76,840	38,844	37,996	60,661	43,975	16,687	62,016	18,564	43,452	1,060	686	*
Southern Tigray	60,468	32,006	28,462	78,011	64,215	13,795	38,378	15,002	23,376	*	*	*
Western Tigray	*	*	*	6,436	4,210	2,226	7,106	1,789	5,317	*	*	*
Afar	158,667	86,268	72,399	37,278	25,478	11,800	117,792	37,716	80,075	11,405	3,180	*
Zone 1	126,063	66,688	59,375	31,255	20,810	10,445	91,427	28,784	62,643	*	3,180	*
Zone 3	32,603	19,580	13,023	6,023	4,669	1,355	26,364	8,932	17,432	*	-	*
<b>Amhara</b>	2,532,869	1,336,074	1,196,795	2,047,723	1,447,671	600,053	1,383,494	439,868	943,627	119,942	38,750	81,192
North Gonder	251,770	125,943	125,827	175,934	152,853	23,081	183,626	56,626	127,000	*	*	*
South Gonder	240,430	112,418	128,013	205,618	150,189	55,429	153,751	46,242	107,509	2,975	*	*
North Wolo	251,905	120,217	131,688	223,279	165,969	57,310	134,986	42,183	92,803	25,000	6,707	18,294
South Wolo	632,843	361,155	271,688	168,416	101,938	66,478	197,322	78,073	119,249	37,617	11,031	26,585
North Shewa	356,893	203,549	153,344	180,369	138,649	41,720	310,942	100,434	210,508	16,987	4,845	12,142
East Gojam	343,565	155,023	188,541	506,276	307,641	198,635	171,373	42,548	128,825	15,430	3,645	11,785
West Gojam	287,965	169,003	118,961	321,523	247,886	73,637	117,324	40,119	77,205	*	*	3,679
Waghamera	50,219	25,786	24,433	32,648	24,911	7,737	40,927	14,417	26,511	3,332	*	2,210
Awi	78,937	41,164	37,774	225,072	151,430	73,641	63,468	14,693	48,775	6,852	2,905	*
Oromia	37,081	21,040	*	8,200	5,966	2,233	9,231	4,291	4,941	*	*	*
Argoba Special	1,261	776	485	389	239	150	543	241	301	*	*	-
<b>Oromia</b>	2,390,401	1,318,049	1,072,351	792,275	601,547	190,727	2,035,642	628,062	1,407,580	94,439	19,752	74,687
West Wellega	63,065	29,919	33,146	6,842	5,501	1,341	79,921	30,918	49,003	*	-	*
East Wellega	51,863	25,879	25,984	22,231	19,477	2,754	66,173	26,010	40,163	*	*	*
Illubabor	79,239	35,539	43,701	23,278	17,991	5,287	87,044	29,333	57,711	2,877	861	2,015
Jimma	189,387	106,417	82,970	54,992	41,004	13,988	204,969	60,900	144,069	22,672	3,194	19,478
West Shewa	278,262	153,428	124,834	86,261	70,339	15,922	168,510	54,887	113,622	*	-	*
North Shewa	352,885	233,796	119,090	289,284	199,387	89,897	262,015	96,998	165,017	14,081	2,793	11,288
East Shewa	55,348	29,709	25,639	26,959	20,568	6,390	63,054	25,397	37,656	*	*	*
Arsi	476,604	241,343	235,261	62,859	46,763	16,095	178,048	55,055	122,993	8,586	2,909	5,677
West Harerghe	51,188	22,000	29,188	7,686	6,633	1,053	38,835	9,979	28,855	4,695	*	3,377
East Harerghe	122,156	57,381	64,775	26,970	25,417	1,553	87,303	28,057	59,246	9,655	3,349	6,306
Bale	76,337	48,393	27,943	19,098	15,862	3,236	56,869	17,768	39,100	*	*	3,873
Borena	62,802	36,233	26,569	14,391	10,530	3,861	124,014	35,179	88,835	*	*	*
South West Shewa	99,203	58,090	41,112	68,318	63,882	4,437	73,795	26,133	47,663	6,758	*	6,329
Guji	72,161	41,695	30,466	16,551	11,259	5,292	82,421	25,815	56,606	*	*	*
West Arsi	269,835	151,600	118,235	31,975	20,292	*	246,006	76,554	169,452	2,250	*	1,378
Kelem Wellega	50,580	26,048	24,532	15,069	10,866	4,202	*	16,687	*	*	745	*
Horoguduru Wellega	39,486	20,580	18,906	19,512	15,776	3,737	44,852	12,392	32,460	461	-	461

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
<b>Somale</b>	196,656	143,417	53,239	49,012	34,949	14,063	157,933	51,935	105,998	6,121	2,371	3,750
Shinele	10,850	6,162	4,689	3,352	2,624	728	10,342	3,482	6,860	558	100	458
Jijiga	166,287	124,001	42,286	26,944	17,820	9,124	27,460	12,029	15,431	*	*	*
Liben	19,519	13,254	6,264	18,716	14,505	4,211	120,131	36,423	83,707	1,710	597	1,113
<b>Benshangul-Gumuz</b>	16,598	8,598	8,000	13,592	10,736	2,856	30,675	9,659	21,016	533	*	*
Metekel	8,445	4,298	4,147	10,428	8,045	2,383	15,983	4,804	11,179	*	-	*
Asosa	3,253	1,649	1,603	*	*	*	6,026	1,970	4,056	-	-	-
Kemeshi	2,417	1,368	1,049	*	*	283	3,788	1,226	2,561	*	*	*
Mao Komo	2,484	1,283	1,201	220	119	102	4,880	1,659	3,220	*	-	*
<b>SNNP</b>	656,972	302,352	354,620	189,727	148,65	41,069	694,139	232,646	461,493	49,602	11,541	38,060
Gurage	41,838	18,236	23,602	26,754	19,852	6,902	44,573	16,191	28,382	2,325	*	1,675
Hadiya	49,429	20,802	28,627	8,952	4,872	4,080	33,001	10,941	22,060	3,597	*	2,816
Kembata Tembaro	28,673	17,112	11,561	2,933	1,434	1,499	14,720	4,532	10,188	2,815	*	2,143
Sidama	119,766	40,737	79,030	16,892	13,995	*	19,983	7,171	12,812	*	*	*
Gedio	43,466	18,496	24,970	17,108	15,220	1,888	38,939	14,662	24,277	*	-	*
Wolayita	51,064	19,845	31,219	*	*	-	22,050	6,798	15,252	5,293	*	4,842
South Omo	32,013	21,951	10,062	19,073	14,463	4,610	127,461	44,716	82,745	4,865	972	3,893
Shaka	16,635	9,244	7,391	17,278	13,901	3,377	20,154	6,369	13,785	3,379	799	2,580
Kaffa	66,762	40,129	26,633	30,223	24,721	5,502	122,664	38,910	83,754	10,684	*	8,261
Gamo Gofa	66,826	28,625	38,201	11,500	8,729	2,771	93,881	29,101	64,780	2,047	*	*
Bench Maji	33,463	13,751	19,712	16,866	14,098	2,768	53,957	18,115	35,842	5,885	1,098	4,786
Yem Sp. Wereda	6,172	2,409	3,763	551	202	349	4,491	950	3,541	1,034	*	962
Amaro Sp. Wereda	10,164	6,364	*	*	*	*	4,762	1,710	3,052	415	360	*
Burji Sp. Wereda	195	59	*	93	*	*	423	*	342	-	-	-
Konso Sp. Wereda	10,203	6,499	*	2,173	2,173	-	11,458	2,628	8,830	*	*	*
Derashe Sp. Wereda	2,138	1,427	711	*	*	*	5,684	2,682	3,002	-	-	-
Dawro	22,408	11,347	11,060	749	440	*	17,940	8,576	9,365	*	-	*
Basketo Sp. Wereda	1,203	485	718	311	227	*	1,976	686	1,290	346	*	212
Konta Sp. Wereda	3,806	2,078	1,728	*	*	*	8,161	3,133	5,028	*	*	*
Silte	43,492	19,081	24,411	11,981	9,632	2,349	36,194	11,993	24,201	*	*	*
Alaba Sp. Wereda	7,257	3,675	3,582	3,198	2,564	634	11,666	2,703	8,963	587	*	496
<b>Gambela Region</b>	3,510	1,933	1,577	2,010	1,737	273	3,901	1,243	2,658	*	*	*
Angnuwak	*	*	-	*	*	-	*	*	*	-	-	-
Nuware	2,198	1,278	921	*	*	-	2,501	*	1,620	*	*	*
Mezhenger	1,117	491	626	1,919	1,646	273	958	217	741	*	-	*
Itang Special	169	139	*	-	-	-	281	107	175	*	*	*
<b>Harari</b>	566	305	261	783	687	*	649	*	451	*	*	*
Hundene	566	305	261	783	687	*	649	*	451	*	*	*
<b>Dire Dawa</b>	6,661	5,135	1,526		3,680	270	8,914	1,877	7,037	1,046	370	676

### 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
<b>Ethiopia</b>	4,126,339	2,093,479	2,032,860	1,773,854	1,202,671	571,183	4,582,057	1,564,627	3,017,430	281,393	70,688	210,704
<b>Tigray</b>	464,212	254,976	209,236	330,191	235,491	94,700	709,544	214,381	495,163	18,600	6,357	12,243
North West Tigray	140,406	77,846	62,560	106,026	79,493	26,533	257,254	81,468	175,786	3,770	1,184	2,586
Central Tigray	132,471	81,675	50,796	88,561	63,014	25,547	220,746	67,444	153,302	9,267	3,471	5,796
Eastern Tigray	32,982	17,140	15,842	23,101	15,376	7,725	37,581	10,021	27,560	*	-	*
Southern Tigray	94,088	46,024	48,064	53,445	42,332	11,114	112,247	31,856	80,391	4,065	1,505	2,560
Western Tigray	64,265	32,290	31,975	59,057	35,276	23,781	81,715	23,591	58,124	1,166	*	969
<b>Afar</b>	245,607	129,366	116,241	75,068	55,308	19,760	184,307	49,521	134,786	14,738	2,778	11,959
Zone 1	189,818	95,533	94,285	57,895	41,710	16,185	147,238	38,830	108,408	11,572	2,114	*
Zone 3	55,789	33,833	21,956	17,173	13,598	3,575	37,069	10,691	26,378	*	*	*
<b>Amhara</b>	1,255,729	606,042	649,687	799,760	514,768	284,992	1,178,255	437,811	740,445	63,808	15,119	48,689
North Gonder	247,883	123,165	124,718	142,377	107,726	34,650	265,350	101,994	163,356	*	*	*
South Gonder	92,344	45,489	46,854	105,138	66,167	38,971	139,465	51,392	88,074	6,581	*	4,901
North Wolo	152,065	64,285	87,780	110,967	70,591	40,376	141,085	45,327	95,758	10,716	2,523	8,193
South Wolo	221,682	101,480	120,202	130,785	63,926	66,859	98,501	37,104	61,397	*	*	*
North Shewa	155,581	83,423	72,158	77,284	51,753	25,532	210,803	84,757	126,046	8,661	*	6,415
East Gojam	102,911	42,901	60,010	101,353	62,268	39,085	80,119	30,569	49,550	3,854	*	*
West Gojam	77,589	41,006	36,583	24,862	18,902	5,960	56,571	24,053	32,518	4,644	*	4,251
Waghamera	115,312	60,399	54,914	51,589	35,343	16,246	133,929	42,216	91,713	15,241	4,849	10,392
Awi	19,998	11,732	8,266	36,497	28,035	8,463	20,554	9,854	10,700	-	-	-
Oromia	61,886	27,834	34,052	17,527	9,207	8,320	29,042	9,446	19,595	2,529	*	2,200
Argoba Special	8,479	4,330	4,150	1,379	849	529	2,835	1,099	1,736	207	*	169
<b>Oromia</b>	1,587,245	795,390	791,855	370,754	252,463	118,291	1,615,143	551,876	1,063,267	131,222	28,701	102,521
West Wellega	24,959	9,932	15,027	2,512	2,080	*	36,482	16,089	20,393	*	*	*
East Wellega	30,686	16,320	14,366	15,451	9,462	5,989	39,915	18,613	21,302	*	-	*
Illubabor	29,629	14,536	15,093	11,870	8,625	3,245	50,732	19,038	31,693	2,055	*	*
Jimma	52,105	25,378	26,726	14,257	7,827	6,430	61,150	27,752	33,398	14,444	*	12,354
West Shewa	77,755	38,616	39,139	25,754	16,788	8,966	71,070	29,035	42,035	*	-	*
North Shewa	61,917	31,895	30,022	47,188	30,924	16,264	36,024	9,836	26,188	*	-	*
East Shewa	100,373	59,277	41,097	26,827	21,948	4,879	75,696	27,705	47,991	2,262	*	1,781
Arsi	142,465	73,419	69,046	22,656	18,061	4,595	121,159	43,326	77,834	10,690	*	7,072
West Harerghe	227,861	109,823	118,037	19,189	12,161	7,028	155,173	53,872	101,300	14,271	3,560	10,711
East Harerghe	258,301	107,563	150,738	50,011	38,956	11,054	273,559	85,533	188,026	30,170	7,122	23,048
Bale	161,719	101,250	60,469	27,432	19,761	7,671	213,541	62,757	150,784	10,166	2,165	8,001
Borena	180,845	92,276	88,568	26,046	15,845	10,202	195,794	60,800	134,994	27,867	3,791	24,075
South West Shewa	60,059	27,204	32,855	20,182	15,558	4,624	42,219	18,470	23,749	2,536	*	2,074
Guji	62,713	32,367	30,346	23,703	13,641	10,062	110,445	33,701	76,744	5,855	*	3,461
West Arsi	77,475	37,453	40,022	20,495	10,616	*	82,055	26,088	55,967	*	*	1,142
Kelem Wellega	16,195	7,617	8,578	7,186	4,342	2,844	19,650	7,493	12,157	*	*	*
Horoguduru												
Wellega	22,191	10,464	11,727	9,994	5,868	4,127	30,478	11,768	18,710	*	*	*

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
<b>Somale</b>	140,311	88,538	51,773	51,412	38,568	12,845	286,606	89,500	197,106	11,493	4,106	7,387
Shinele	43,494	23,828	19,666	7,867	4,937	2,930	39,662	13,468	26,195	5,288	1,456	3,833
Jijiga	55,268	37,652	17,616	9,848	7,787	2,062	22,339	8,785	13,554	*	*	*
Liben	41,549	27,058	14,491	33,698	25,844	7,853	224,604	67,246	157,357	4,148	2,271	*
<b>Benshangul-Gumuz</b>	58,942	32,892	26,051	30,813	19,688	11,124	176,061	64,770	111,291	1,966	636	1,330
Metekel	27,763	17,302	10,461	17,589	11,107	6,481	59,927	23,446	36,481	*	326	*
Asosa	15,202	9,067	6,135	8,189	5,547	2,643	90,350	31,746	58,604	749	*	661
Kemeshi	11,456	4,460	6,996	4,233	2,515	1,718	14,993	5,858	9,134	267	*	*
Mao Komo	4,521	2,063	2,458	802	519	283	10,792	3,721	7,071	308	*	244
<b>SNNP</b>	347,004	169,999	177,005	105,439	77,607	27,832	394,559	145,880	248,679	33,601	11,062	22,540
Gurage	15,404	5,590	9,814	5,610	4,640	970	23,158	7,182	15,976	*	*	*
Hadiya	18,634	9,297	9,337	8,627	4,076	4,550	18,484	6,440	12,044	2,279	1,005	*
Kembata Tembaro	7,162	1,933	5,229	4,308	1,704	2,604	3,554	1,253	2,301	*	*	*
Sidama	72,912	35,323	37,589	11,651	11,129	*	25,590	10,724	14,867	*	-	*
Gedio	*	*	*	1,063	1,063	-	*	*	853	-	-	-
Wolayita	18,393	6,600	11,792	*	924	*	7,245	2,173	5,072	*	*	*
South Omo	55,108	37,099	18,010	25,244	20,455	4,789	129,395	51,071	78,324	6,821	2,213	4,607
Shaka	3,068	1,680	1,388	4,277	2,848	1,429	2,186	643	1,543	*	*	*
Kaffa	19,322	11,671	7,651	11,907	9,026	2,881	37,001	10,955	26,047	5,855	1,743	4,113
Gamo Gofa	54,893	21,620	33,273	4,310	2,553	1,758	35,074	12,755	22,319	4,782	*	2,979
Bench Maji	11,577	6,968	4,609	8,149	5,657	2,493	11,195	4,416	6,779	3,216	*	2,669
Yem Sp. Wereda	4,616	1,992	2,624	318	*	187	1,933	768	1,164	881	*	822
Amaro Sp. Wereda	8,185	3,308	4,877	2,463	1,716	747	12,589	4,974	7,615	272	*	*
Burji Sp. Wereda	2,042	940	1,102	524	374	150	5,815	2,486	3,330	179	179	-
Konso Sp. Wereda	12,868	7,414	5,454	3,138	3,059	*	22,510	8,584	13,926	1,733	*	1,053
Derashe Sp. Wereda	4,273	2,358	1,915	*	*	*	17,110	5,891	11,220	*	*	*
Dawro	9,102	4,404	4,698	1,189	938	*	10,036	4,090	5,947	-	-	-
Basketo Sp. Wereda	600	269	331	951	*	577	2,318	687	1,631	*	*	*
Konta Sp. Wereda	2,309	895	1,414	*	*	*	4,744	1,627	3,117	*	*	*
Silte	16,642	6,689	9,952	6,459	4,407	2,052	10,564	3,658	6,905	*	*	-
Alaba Sp. Wereda	8,364	3,082	5,282	2,431	1,608	822	12,676	4,975	7,701	1,555	*	1,211
<b>Gambela Region</b>	5,178	2,729	2,449	998	670	328	8,173	2,687	5,485	531	*	383
Angnuwak	805	482	323	287	154	*	1,789	548	1,241	*	*	*
Nuware	3,278	1,621	1,657	64	*	*	4,713	1,464	3,249	*	-	*
Mezhenger	*	*	*	509	393	*	*	*	-	-	-	-
Itang Special	812	491	320	*	*	*	1,644	648	996	*	*	*
<b>Harari</b>	3,946	1,921	2,025	4,288	3,922	366	5,952	1,671	4,282	1,222	432	790
Hundene	3,946	1,921	2,025	4,288	3,922	366	5,952	1,671	4,282	1,222	432	790
<b>Dire Dawa</b>	18,164	11,627	6,537	5,131	4,186	945	23,458	6,530	16,928	4,212	1,350	2,862

#### d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	177,286	110,632	66,654	218,940	112,850	106,090	9,125	2,518	6,606
<b>Tigray</b>	*	*	*	4,596	1,703	2,894	-	-	-
North West Tigray	*	*	-	*	*	*	-	-	-
Central Tigray	*	*	*	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	*	*	*	-	-	-
Western Tigray	*	*	*	*	*	*	-	-	-
<b>Afar</b>	*	*	*	*	*	-	-	-	-
Zone 1	*	*	*	*	*	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	47,416	30,926	16,490	38,936	19,227	19,709	*	-	*
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	*	*	*	*	-	-	-
North Wolo	*	3,784	*	*	*	*	*	-	*
South Wolo	12,513	7,770	4,743	*	*	*	*	-	*
North Shewa	5,441	*	*	3,704	2,140	*	-	-	-
East Gojam	11,248	7,754	3,494	8,377	4,997	3,381	-	-	-
West Gojam	*	*	-	3,644	3,246	*	-	-	-
Waghamera	-	-	-	*	-	*	-	-	-
Awi	4,592	3,661	*	6,196	2,863	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	100,329	63,127	37,201	132,647	71,836	60,811	6,279	1,712	4,567
West Wellega	*	*	*	*	*	*	-	-	-
East Wellega	*	*	-	*	*	-	-	-	-
Illubabor	3,586	1,762	1,824	8,634	3,098	5,536	*	-	*
Jimma	8,736	3,331	5,405	15,755	8,406	7,349	*	-	*
West Shewa	18,130	12,482	5,648	10,446	7,787	2,660	*	*	-
North Shewa	9,518	5,858	3,659	6,231	1,969	4,262	*	-	*
East Shewa	*	2,487	*	3,080	2,276	*	*	*	-
Arsi	23,645	13,970	9,675	19,931	8,759	11,172	*	*	*
West Harerghe	*	*	*	*	*	*	*	*	-
East Harerghe	*	-	*	-	-	-	-	-	-
Bale	6,647	5,723	924	8,677	6,429	2,249	*	*	*
Borena	*	*	*	*	*	-	-	-	-
South West Shewa	6,055	5,658	*	7,310	5,967	1,343	*	-	*
Guji	*	*	*	17,482	8,838	8,644	-	-	-
West Arsi	9,265	5,914	3,351	26,043	13,231	12,812	*	-	*
Kelem Wellega	*	*	*	*	*	*	-	-	-
Horoguduru Wellega	2,244	1,426	818	5,297	2,753	2,544	*	-	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	422	371	*	*	*	*	-	-	-
Shinele	-	-	-	*	*	*	-	-	-
Jijiga	-	-	-	-	-	-	-	-	-
Liben	422	371	*	*	*	*	-	-	-
<b>Benshangul-Gumuz</b>	*	*	*	*	*	*	-	-	-
Metekel	*	*	*	*	*	*	-	-	-
Asosa	-	-	-	*	*	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	21,780	12,521	9,259	36,972	17,227	19,745	1,893	*	1,087
Gurage	2,448	1,240	*	2,287	*	*	-	-	-
Hadiya	4,119	1,865	2,255	*	*	*	-	-	-
Kembata Tembaro	859	*	*	2,071	473	*	*	*	*
Sidama	*	*	*	*	*	*	-	-	-
Gedio	*	*	*	1,973	976	*	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	*	*	-	*	*	*	*	*	*
Shaka	*	*	*	1,034	679	*	-	-	-
Kaffa	3,923	2,663	1,260	11,890	5,271	6,619	*	*	*
Gamo Gofa	*	*	*	3,669	*	2,827	*	-	*
Bench Maji	536	*	*	2,746	1,572	1,175	-	-	-
Yem Sp. Wereda	132	*	*	147	*	114	*	*	*
Amaro Sp. Wereda	*	*	*	*	*	-	-	-	-
Burji Sp. Wereda	*	*	*	*	-	*	-	-	-
Konso Sp. Wereda	-	-	-	*	*	-	-	-	-
Derashe Sp. Wereda	*	*	-	*	-	*	-	-	-
Dawro	328	328	-	*	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	-	-	-
Konta Sp. Wereda	*	*	*	466	*	*	*	-	*
Silte	*	*	*	1,631	922	709	*	*	*
Alaba Sp. Wereda	*	-	*	616	*	*	-	-	-
<b>Gambela Region</b>	-	-	-	*	*	*	-	-	-
Angnuwak	-	-	-	*	-	*	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	*	*	-	-	-	-	-	-	-
Hundene	*	*	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	*	-	*	*	-	*

### e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	505,838	291,476	214,362	490,991	226,851	264,140	19,031	6,983	12,048
<b>Tigray</b>	30,530	17,840	12,690	27,187	15,286	11,901	*	-	*
North West Tigray	2,612	*	2,022	5,289	2,245	3,044	-	-	-
Central Tigray	6,193	3,322	2,871	6,940	3,460	3,479	-	-	-
Eastern Tigray	7,028	5,263	1,765	4,015	2,647	*	*	-	*
Southern Tigray	12,188	6,672	5,516	6,643	4,057	2,586	-	-	-
Western Tigray	2,510	1,994	*	4,301	2,877	1,424	-	-	-
<b>Afar</b>	*	*	*	2,605	907	1,697	-	-	-
Zone 1	*	*	*	2,404	847	*	-	-	-
Zone 3	*	*	-	*	*	*	-	-	-
<b>Amhara</b>	234,043	128,818	105,225	177,275	75,931	101,344	7,155	2,184	4,971
North Gonder	36,960	21,014	15,946	24,214	12,544	11,671	*	*	*
South Gonder	20,233	8,008	12,225	14,137	5,780	8,357	*	-	*
North Wolo	28,509	13,767	14,741	13,471	5,244	8,227	*	*	*
South Wolo	46,206	25,704	20,503	22,855	8,255	14,600	2,360	*	*
North Shewa	23,102	12,848	10,253	26,160	15,986	10,174	*	*	*
East Gojam	39,309	23,434	15,875	37,068	13,218	23,850	*	-	*
West Gojam	20,932	13,122	7,809	24,779	7,592	17,188	*	-	*
Waghamera	7,031	3,236	3,795	6,508	2,527	3,981	-	-	-
Awi	8,507	5,698	2,809	*	*	*	-	-	-
Oromia	2,763	1,738	1,025	3,062	1,434	1,628	-	-	-
Argoba Special	492	249	243	68	38	*	-	-	-
<b>Oromia</b>	190,651	114,655	75,995	228,213	102,198	126,015	9,493	3,806	5,687
West Wellega	8,913	5,451	3,461	9,905	4,856	5,049	-	-	-
East Wellega	8,837	6,613	2,224	12,421	6,017	6,405	*	*	-
Illubabor	2,882	2,687	*	3,152	1,826	1,326	-	-	-
Jimma	8,155	5,420	2,735	8,265	4,538	3,727	*	*	-
West Shewa	14,644	7,582	7,062	17,060	6,347	10,714	-	-	-
North Shewa	16,626	8,777	7,849	13,652	5,041	8,611	-	-	-
East Shewa	10,719	6,436	4,283	17,957	9,650	8,307	*	-	*
Arsi	36,843	19,933	16,910	29,277	11,742	17,534	*	*	*
West Harerghe	7,272	5,106	2,165	14,738	8,458	6,281	1,766	*	1,239
East Harerghe	12,618	6,882	5,736	27,089	7,078	20,012	2,604	*	1,406
Bale	8,738	6,235	2,503	12,589	6,947	5,642	*	-	*
Borena	*	-	*	5,576	2,850	2,726	-	-	-
South West Shewa	*	*	9,489	18,134	7,179	10,955	1,365	*	*
Guji	*	*	*	4,914	1,466	3,448	*	-	*
West Arsi	16,762	9,406	7,356	20,315	11,238	9,077	*	*	*
Kelem Wellega	4,074	3,319	755	6,412	3,619	2,793	-	-	-
Horoguduru Wellega	4,637	2,374	2,262	6,754	3,346	3,408	*	-	*

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	623	386	*	8,721	4,640	4,081	*	*	-
Shinele	-	-	-	365	161	204	-	-	-
Jijiga	543	307	*	*	*	*	*	*	-
Liben	*	*	-	8,016	4,375	3,641	-	-	-
<b>Benshangul-Gumuz</b>	6,623	5,089	1,534	12,188	8,091	4,097	-	-	-
Metekel	2,276	1,857	*	3,044	2,735	*	-	-	-
Asosa	2,641	1,585	*	6,949	3,694	3,255	-	-	-
Kemeshi	1,387	1,387	-	1,044	1,029	*	-	-	-
Mao Komo	320	259	*	1,151	633	518	-	-	-
<b>SNNP</b>	42,013	8	18,244	33,279	18,987	14,291	1,826	*	1,090
Gurage	5,224	*	2,427	4,648	2,647	*	*	-	*
Hadiya	6,453	2,573	3,880	3,489	1,010	2,479	-	-	-
Kembata Tembaro	3,163	2,786	*	1,323	1,063	*	-	-	-
Sidama	5,268	4,133	*	4,246	3,633	*	-	-	-
Gedio	*	*	-	*	*	-	-	-	-
Wolayita	6,225	5,576	*	3,347	3,122	*	*	*	-
South Omo	*	-	*	*	*	*	*	-	*
Shaka	*	*	-	821	676	*	-	-	-
Kaffa	*	*	-	*	*	-	-	-	-
Gamo Gofa	6,347	*	3,729	2,399	*	*	-	-	-
Bench Maji	-	-	-	591	488	*	-	-	-
Yem Sp. Wereda	454	290	165	124	*	*	*	-	*
Amaro Sp. Wereda	*	-	*	*	*	*	*	-	*
Burji Sp. Wereda	*	*	*	212	151	*	-	-	-
Konso Sp. Wereda	*	-	*	*	-	*	-	-	-
Derashe Sp. Wereda	*	*	-	654	294	360	*	*	-
Dawro	303	303	-	*	*	-	-	-	-
Basketo Sp. Wereda	*	-	*	*	-	*	-	-	-
Konta Sp. Wereda	*	-	*	*	*	-	-	-	-
Silte	4,869	1,149	3,720	3,015	715	2,300	*	-	*
Alaba Sp. Wereda	2,348	708	1,640	1,547	*	1,372	*	*	*
<b>Gambela Region</b>	-	-	-	*	*	*	*	*	-
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	*	-	*	*	*	-
<b>Harari</b>	*	*	*	798	543	255	*	*	-
Hundene	*	*	*	798	543	255	*	*	-
<b>Dire Dawa</b>	299	195	*	665	216	449	188	153	*

## f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	38,382	18,440	19,942	32,368	15,521	16,848	785	*	*
<b>Tigray</b>	*	*	*	1,262	*	*	-	-	-
North West Tigray	-	-	-	*	-	*	-	-	-
Central Tigray	*	-	*	*	*	-	-	-	-
Eastern Tigray	-	-	-	*	-	*	-	-	-
Southern Tigray	*	*	*	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
<b>Afar</b>	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	20,887	8,528	*	7,803	2,478	5,325	*	*	-
North Gonder	*	*	-	*	-	*	-	-	-
South Gonder	3,793	*	1,385	-	-	-	-	-	-
North Wolo	*	*	*	*	-	*	*	*	-
South Wolo	2,582	*	*	*	*	*	-	-	-
North Shewa	*	*	*	*	*	*	-	-	-
East Gojam	*	-	*	*	*	*	-	-	-
West Gojam	*	*	*	*	*	*	-	-	-
Waghamera	*	*	*	*	*	*	-	-	-
Awi	1,098	842	*	*	*	*	-	-	-
Oromia	*	*	*	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	10,223	5,268	4,954	16,728	8,697	8,031	-	-	-
West Wellega	*	-	*	*	*	-	-	-	-
East Wellega	*	*	*	*	-	*	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	4,668	*	3,179	5,008	2,004	3,004	-	-	-
West Shewa	*	*	-	*	-	*	-	-	-
North Shewa	-	-	-	*	*	-	-	-	-
East Shewa	*	*	-	*	*	-	-	-	-
Arsi	1,906	1,252	*	1,234	*	*	-	-	-
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	-	-	-	3,121	1,794	1,328	-	-	-
Borena	-	-	-	*	*	*	-	-	-
South West Shewa	*	*	*	1,831	1,126	*	-	-	-
Guji	*	-	*	*	-	*	-	-	-
West Arsi	*	*	-	*	*	-	-	-	-
Kelem Wellega	*	*	-	*	*	*	-	-	-
Horoguduru Wellega	*	*	-	*	*	*	-	-	-

TABLE 3-20 – f CONT'D

### g. Camels

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	46957	18440	19942	5735	2796	*	84,392	33,328	51,063	6883	3042	*
<b>Tigray</b>	*	*	*	*	*	*	1,592	1,592	-	*	*	-
North West Tigray	*	-	-	*	*	*	-	-	-	-	-	-
Central Tigray	-	-	*	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	*	*	*	*	*	-	-	-	-
Western Tigray	*	-	-	-	-	-	*	*	-	*	*	-
<b>Afar</b>	4298	-	-	*	*	*	3,463	1,076	2,387	*	*	*
Zone 1	*	-	-	*	*	*	2,129	*	*	*	*	-
Zone 3	*	-	-	*	*	*	*	*	746	*	*	*
<b>Amhara</b>	13242	8528	*	*	*	*	4,110	2,909	*	*	*	-
North Gonder	*	*	-	-	-	-	-	-	-	-	-	-
South Gonder	-	*	1385	*	-	*	-	-	-	-	-	-
North Wolo	1911	*	*	-	-	-	*	*	-	-	-	-
South Wolo	*	*	*	-	-	-	*	*	*	*	*	-
North Shewa	*	*	*	-	-	-	*	*	-	-	-	-
East Gojam	-	-	*	*	*	*	-	-	*	-	-	-
West Gojam	-	*	*	-	-	-	-	-	-	-	-	-
Waghamera	-	*	*	-	-	-	-	-	-	-	-	-
awi	-	842	*	-	-	-	-	-	-	-	-	-
Oromia	1955	*	*	-	-	-	*	*	-	-	-	-
Argoba special	173	-	-	-	-	-	38	38	-	-	-	-
<b>Oromia</b>	17847	5268	4954	*	*	*	38,579	14,443	24,136	*	*	*
West Wellega	-	-	*	-	-	-	-	-	-	-	-	-
East Wellega	-	*	*	-	-	-	-	-	-	-	-	-
Illubabor	-	*	*	-	-	-	-	-	-	-	-	-
Jimma	-	*	3179	-	-	-	-	-	-	-	-	-
West Shewa	-	*	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	-	-	-	-	*	*	*	-	-	-
Arsi	*	1252	*	-	-	-	*	*	*	*	*	*
West Harerghe	*	*	-	-	-	-	*	*	*	-	-	-
East Harerghe	*	-	-	*	*	-	*	*	*	*	*	*
Bale	2114	-	-	-	-	-	8,323	*	4,840	*	-	*
Borena	*	-	-	*	-	*	11,882	4,759	7,124	*	*	*
South West Shewa	-	*	*	-	-	-	-	-	-	-	-	-
Guji	*	-	*	-	-	-	-	-	-	*	*	-
West Arsi	-	*	-	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	*	-	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	*	-	-	-	-	*	-	*	-	-	-

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
<b>Somale</b>	5,764	4,947	817	699	520	*	35,584	12,662	22,922	708	471	*
Shinele	*	*	*	*	-	*	873	287	586	*	*	*
Jijiga	*	*	*	*	*	-	*	*	*	*	*	-
Liben	5,076	4,459	617	598	*	*	34,323	12,169	22,154	*	*	*
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	*	-	*	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	*	-	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	*	*	-	*	*	-	*	*	*	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	*	*	*	-	-	-
Hundene	-	-	-	-	-	-	*	*	*	-	-	-
<b>Dire Dawa</b>	*	*	-	-	-	-	511	*	148	*	*	*

## **h. Poultry**

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>Ethiopia</b>	11,306,635	12,492,621	47,359,144	557,068
<b>Tigray</b>	1,262,655	2,432,832	4,002,695	69,931
North West Tigray	273,743	731,159	1,423,145	23,256
Central Tigray	355,522	678,860	795,547	15,760
Eastern Tigray	189,955	195,127	406,882	11,599
Southern Tigray	371,869	462,229	715,389	13,725
Western Tigray	71,566	365,458	661,731	5,592
<b>Afar</b>	*	2,145	11,543	*
Zone 1	-	*	*	-
Zone 3	*	2,050	11,352	*
<b>Amhara</b>	4,703,653	6,175,399	15,268,599	150,830
North Gonder	887,618	2,147,594	4,341,780	54,516
South Gonder	515,355	671,688	1,462,780	7,095
North Wolo	351,960	434,890	734,646	8,530
South Wolo	573,719	451,390	1,187,818	15,092
North Shewa	506,871	749,054	1,884,717	24,546
East Gojam	333,080	164,678	865,320	5,198
West Gojam	956,004	1,040,142	3,264,195	12,812
Waghamera	185,088	159,944	290,195	6,260
Awi	267,962	298,238	993,657	8,897
Oromia	115,098	50,875	226,417	7,474
Argoba Special	10,898	6,906	17,074	411
<b>Oromia</b>	3,757,607	2,638,063	17,754,303	242,070
West Wellega	210,423	209,229	1,715,318	12,957
East Wellega	152,960	191,281	1,085,869	7,654
Illubabor	164,650	188,383	1,163,450	8,493
Jimma	281,853	174,978	1,488,173	40,574
West Shewa	374,530	384,710	1,883,455	18,901
North Shewa	222,575	91,179	574,047	16,556
East Shewa	264,615	126,578	906,535	5,082
Arsi	454,558	359,413	1,863,181	17,025
West Harerghe	266,005	133,740	1,090,585	19,771
East Harerghe	270,183	57,899	1,160,200	29,302
Bale	167,488	79,729	400,321	9,419
Borena	79,152	46,206	355,996	12,695
South West Shewa	188,895	146,101	1,059,302	14,007
Guji	73,833	45,829	385,952	*
West Arsi	334,677	95,484	1,005,935	13,978
Kelem Wellega	128,986	170,517	1,131,300	11,854
Horoguduru Wellega	122,224	136,808	484,683	2,473

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>Somale</b>	9,836	*	52,576	1,781
Shinele	*	*	*	*
Jijiga	*	-	6,477	*
Liben	7,652	*	41,881	*
<b>Benshangul-Gumuz</b>	198,333	303,390	1,444,346	6,867
Metekel	110,803	200,547	622,154	3,721
Asosa	52,927	66,839	478,117	1,401
Kemeshi	20,991	23,730	195,717	1,072
Mao Komo	13,611	12,274	148,358	673
<b>SNNP</b>	1,324,136	900,163	8,589,419	74,471
Gurage	79,818	74,315	305,689	*
Hadiya	183,030	67,975	639,874	6,112
Kembata Tembaro	46,024	24,684	235,923	7,705
Sidama	257,500	222,840	832,962	5,274
Gedio	39,724	45,096	142,634	1,555
Wolayita	140,593	8,769	745,893	9,939
South Omo	38,929	34,322	375,400	3,430
Shaka	30,144	57,773	363,620	1,667
Kaffa	103,817	125,736	1,651,728	14,689
Gamo Gofa	94,215	44,096	1,101,744	3,867
Bench Maji	123,930	116,579	1,000,756	10,740
Yem Sp. Wereda	12,633	3,448	37,987	1,572
Amaro Sp. Wereda	21,272	8,485	71,839	*
Burji Sp. Wereda	5,298	1,448	28,237	*
Konso Sp. Wereda	14,923	1,937	106,058	*
Derashe Sp. Wereda	10,961	3,096	94,731	714
Dawro	20,715	5,671	190,076	1,170
Basketo Sp. Wereda	3,587	2,923	38,182	-
Konta Sp. Wereda	*	6,259	108,569	1,514
Silte	65,661	37,873	360,281	*
Alaba Sp. Wereda	18,604	6,835	157,239	*
<b>Gambela Region</b>	34,470	26,854	166,906	7,515
Angnuwak	12,522	11,145	53,631	*
Nuware	7,357	*	15,053	*
Mezhenger	5,335	10,213	57,238	728
Itang Special	9,256	4,978	40,984	2,330
<b>Harari</b>	7,831	2,773	32,357	1,862
Hundene	7,831	2,773	32,357	1,862
<b>Dire Dawa</b>	7,351	*	36,399	1,664

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)
<b>Ethiopia</b>	7172478	10577781	1.543	6	3,329,854,796	227,786	214,226	3.413	9	176,399,866
<b>Tigray</b>	100603	654948	1.526	6	184,361,998	-	*	*	*	*
North West Tigray	44373	204088	1.445	6	57,025,963	-	*	*	-	-
Central Tigray	4702	114725	1.187	6	27,271,361	-	-	-	*	-
Eastern Tigray	8628	70010	*	5	*	-	-	-	-	-
Southern Tigray	5836	137058	1.145	6	27,911,461	-	*	*	*	*
Western Tigray	37064	129067	1.433	6	38,763,397	-	-	-	-	-
<b>Afar</b>	203168	225679	2.126	7	99,082,965	93,300	51,815	3.804	9	65,360,733
Zone 1	133640	151141	2.079	6	59,724,464	44,859	27,701	3.503	9	27,899,449
Zone 3	69528	74539	2.225	9	39,358,501	48,441	24,114	4.142	9	37,461,284
<b>Amhara</b>	450778	2244552	1.505	6	740,347,957	*	-	*	*	-
North Gonder	198292	502558	1.297	6	118,920,168	-	-	-	-	-
South Gonder	30020	219400	1.013	5	38,964,373	-	-	-	-	-
North Wolo	22437	210620	1.234	6	38,838,680	-	-	-	-	-
South Wolo	33066	306125	1.313	5	64,084,438	-	-	-	-	-
North Shewa	18941	148588	1.108	6	27,582,475	-	-	-	-	-
East Gojam	36036	214832	*	6	*	-	-	-	-	-
West Gojam	26448	324948	1.851	6	84,478,579	-	-	-	-	-
Waghamera	*	83860	0.955	6	15,952,953	-	-	-	-	-
Awi	29377	164264	1.476	6	35,307,305	-	-	-	-	-
Oromia	37215	64979	1.186	5	12,850,605	*	-	*	-	-
Argoba Special	963	4377	0.881	5	790,248	-	-	-	*	-
<b>Oromia</b>	3045240	4650990	1.423	6	1,320,007,337	71,054	103,317	3.107	8	60,255,613
West Wellega	72041	159774	1.117	7	35,692,015	-	-	*	-	-
East Wellega	18673	214644	1.081	6	46,888,279	-	-	-	-	-
Illubabor	105872	165545	1.207	6	37,879,201	-	-	-	-	-
Jimma	393233	455178	1.073	6	86,416,371	-	-	-	-	-
West Shewa	218928	409793	1.278	7	109,675,054	-	-	-	-	-
North Shewa	216739	289273	1.701	7	124,052,664	-	-	0.999	6	-
East Shewa	84771	143821	1.331	6	38,203,785	*	*	*	*	*
Arsi	258059	475460	1.565	6	149,905,096	-	*	*	*	*
West Harerghe	76350	242371	1.753	6	68,077,701	13,740	14,313	2.728	8	7,598,312
East Harerghe	127019	322808	1.727	6	93,318,435	10,239	12,913	3.165	9	11,179,292
Bale	382937	363928	1.522	6	110,445,714	15,534	9,525	2.699	8	6,097,341
Borena	207118	229510	1.495	7	64,173,287	21,897	19,887	3.33	10	19,259,062
South West Shewa	89403	181517	1.175	7	48,024,887	-	-	*	-	-
Guji	188184	246802	1.313	7	72,571,662	*	*	3.328	10	3,518,668
West Arsi	518438	566834	1.522	6	180,984,574	-	-	-	-	-
Kelem Wellega	11957	78867	1.216	7	18,723,815	-	*	-	-	-
Horoguduru Wellega	75519	104863	1.558	8	34,974,796	-	-	-	-	-

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)
<b>Somale</b>	66372	136184	1.6	6	38,773,597	60,313	52,340	3.444	10	48,400,451
Shinele	2037	5863	1.602	5	1,758,874	2,620	2,195	2.869	8	1,509,122
Jijiga	47369	83607	1.753	6	26,501,187	25,691	18,975	3.485	8	16,768,400
Liben	16966	46715	1.232	6	10,513,536	32,003	31,169	3.479	10	30,122,929
<b>Benshangul-Gumuz</b>	62011	94065	1.356	7	31,561,917	-	-	-	-	-
Metekel	51573	79208	1.315	7	27,390,978	-	-	-	-	-
Asosa	5497	7637	1.471	7	1,872,374	-	-	-	-	-
Kemeshi	3212	4516	1.604	6	1,449,258	-	-	-	-	-
Mao Komo	1729	2704	1.509	6	849,306	-	-	-	-	-
<b>SNNP</b>	3188829	2484993	1.755	6	884,109,110	*	*	*	*	*
Gurage	341203	272420	1.017	6	52,303,051	-	-	-	-	-
Hadiya	258741	203636	1.249	7	52,914,738	-	-	-	-	-
Kembata Tembaro	102278	80872	*	7	*	-	*	-	-	-
Sidama	876376	671280	1.281	7	212,850,494	-	-	-	-	-
Gedio	15162	17417	1.139	5	2,852,633	-	-	-	-	-
Wolayita	221750	202910	1.336	6	55,365,479	-	-	-	-	-
South Omo	157922	123725	1.532	6	36,497,693	*	-	-	-	-
Shaka	39880	36222	1.534	6	10,532,059	-	-	-	-	-
Kaffa	243033	186661	1.373	5	44,815,264	-	-	*	*	-
Gamo Gofa	427149	292280	1.181	6	66,871,090	*	-	-	-	-
Bench Maji	87420	82498	1.578	5	21,634,320	-	-	-	-	-
Yem Sp. Wereda	6278	9159	*	6	1,584,092	-	-	-	-	-
Amaro Sp. Wereda	31047	26147	1.109	6	5,509,573	-	-	-	-	-
Burji Sp. Wereda	7546	7021	0.947	5	1,402,326	-	-	-	-	-
Konso Sp. Wereda	29033	21377	*	6	*	-	-	-	-	-
Derashe Sp. Wereda	14117	11379	0.938	5	1,856,794	-	-	-	-	-
Dawro	102703	68914	1.238	6	16,806,137	-	*	-	-	-
Basketo Sp. Wereda	10235	7319	1.245	6	1,953,216	-	-	-	-	-
Konta Sp. Wereda	28971	21003	0.905	5	3,509,002	-	-	-	-	-
Silte	142411	104510	0.961	5	15,972,294	-	-	-	-	-
Alaba Sp. Wereda	45574	38242	1.019	6	7,247,512	-	-	-	-	-
<b>Gambela Region</b>	49421	61725	1.705	6	23,701,460	-	-	-	-	-
Angnuwak	3336	3088	1.648	5	929,690	-	-	-	-	-
Nuware	32028	45386	1.743	7	18,581,917	-	-	-	-	-
Mezhenger	6855	6442	1.605	5	1,725,536	-	-	-	-	-
Itang Special	7201	6809	1.798	5	2,464,317	-	-	-	-	-
<b>Harari</b>	4301	12293	2.131	6	4,611,451	928	871	5.785	11	*
Hundene	4301	12293	2.131	6	4,611,451	928	871	5.785	11	*
<b>Dire Dawa</b>	1755	12350	1.689	5	3,297,005	961	1209	2.391	9	738,576

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)
<b>Ethiopia</b>	14,158,795	4	21	12	78,894,848
<b>Tigray</b>	1,207,333	5	21	12	8,661,273
North West Tigray	263,304	3	19	12	1,124,859
Central Tigray	326,129	6	22	12	2,870,327
Eastern Tigray	239,271	6	22	13	1,999,598
Southern Tigray	235,945	6	22	13	2,119,673
Western Tigray	142,684	3	17	11	546,817
<b>Afar</b>	9,514	6	17	13	*
Zone 1	*	*	*	*	*
Zone 3	9,042	*	18	14	*
<b>Amhara</b>	4,140,862	4	21	12	23,979,419
North Gonder	854,335	3	18	11	3,410,327
South Gonder	457,048	3	21	11	1,999,076
North Wolo	316,549	4	23	11	1,921,557
South Wolo	572,754	5	23	12	4,112,137
North Shewa	541,593	5	22	12	3,836,882
East Gojam	370,585	6	22	13	3,255,837
West Gojam	614,316	3	21	13	2,882,988
Waghamera	115,448	4	23	12	569,746
Awi	226,110	4	21	13	1,488,008
Oromia	65,454	4	23	12	439,537
Argoba Special	6,670	4	21	*	63,324
<b>Oromia</b>	5,770,724	4	21	12	32,506,054
West Wellega	367,750	3	18	10	1,196,360
East Wellega	240,198	3	20	10	747,247
Illubabor	338,672	3	19	11	1,221,120
Jimma	536,940	3	19	10	2,146,712
West Shewa	463,025	5	23	13	3,494,111
North Shewa	375,002	6	25	14	3,129,817
East Shewa	338,858	5	24	14	2,490,505
Arsi	512,224	5	23	13	4,260,766
West Harerghe	366,551	4	20	11	1,862,705
East Harerghe	650,373	4	20	11	3,365,241
Bale	235,021	4	23	14	1,490,745
Borena	166,220	3	18	11	691,228
South West Shewa	299,799	5	23	12	2,158,928
Guji	193,097	3	18	13	944,852
West arsi	351,810	4	22	13	2,121,237
Kelem Wellega	223,838	3	18	10	749,090
Horoguduru Wellega	111,346	3	21	12	435,390

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)
<b>Somale</b>	37,175	4	20	12	203,400
Shinele	1,646	4	16	10	6,303
Jijiga	*	7	*	10	*
Liben	29,379	4	21	13	151,369
<b>Benshangul-Gumuz</b>	252,693	3	18	11	1,052,180
Metekel	119,919	3	19	12	512,539
Asosa	94,328	3	17	10	386,716
Kemeshi	24,753	3	19	10	100,707
Mao Komo	13,693	3	18	10	52,219
<b>SNNP</b>	2,624,031	3	19	11	11,901,013
Gurage	243,353	4	21	12	1,319,879
Hadiya	203,059	3	20	11	934,045
Kembata Tembaro	85,405	4	18	11	399,097
Sidama	475,369	4	20	11	2,430,805
Gedio	56,247	3	18	12	250,904
Wolayita	200,000	3	18	10	800,357
South Omo	132,581	3	20	12	568,269
Shaka	55,720	3	18	11	251,849
Kaffa	280,832	3	17	11	1,085,553
Gamo Gofa	253,907	3	19	11	1,074,972
Bench Maji	146,904	3	18	11	631,544
Yem Sp. Wereda	16,430	4	20	11	79,469
Amaro Sp. Wereda	30,294	3	22	13	132,916
Burji Sp. Wereda	6,766	3	21	13	33,462
Konso Sp. Wereda	58,853	4	19	10	232,007
Derashe Sp. Wereda	37,192	3	19	10	148,202
Dawro	71,863	3	17	9	260,901
Basketo Sp. Wereda	10,382	3	20	12	55,873
Konta Sp. Wereda	22,741	3	16	9	64,985
Silte	190,638	4	20	11	867,307
Alaba Sp. Wereda	45,497	4	20	11	278,619
<b>Gambela Region</b>	67,909	3	18	11	276,923
Angnuwak	21,097	3	16	11	82,297
Nuware	21,704	4	19	12	94,364
Mezhenger	12,471	3	18	11	49,039
Itang Special	12,637	3	19	12	51,223
<b>Harari</b>	15,271	4	21	11	80,791
Hundene	15,271	4	21	11	80,791
<b>Dire Dawa</b>	33,283	4	18	10	153,512

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)
<b>Ethiopia</b>	532,169	*	32	26	14,844,827
<b>Tigray</b>	113,047	6	24	18	1,257,128
North West Tigray	9,941	4	23	19	91,584
Central Tigray	43,554	6	23	16	362,576
Eastern Tigray	18,314	6	24	18	206,978
Southern Tigray	38,389	6	28	21	578,442
Western Tigray	*	*	*	*	*
<b>Afar</b>	*	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	*	*	*	*
<b>Amhara</b>	172,777	*	37	29	*
North Gonder	10,092	4	*	*	92,652
South Gonder	10,545	4	20	15	70,233
North Wolo	10,616	4	26	19	84,981
South Wolo	15,342	*	27	23	*
North Shewa	33,632	4	29	22	423,212
East Gojam	48,336	7	64	47	799,279
West Gojam	25,603	5	40	34	308,752
Waghamera	3,439	5	25	19	57,687
Awi	12,158	4	30	25	84,431
Oromia	2,979	5	21	18	19,297
Argoba Special	*	*	*	*	*
<b>Oromia</b>	196,025	6	31	28	2,649,530
West Wellega	2,659	5	21	14	29,181
East Wellega	*	*	*	*	*
Illubabor	8,851	5	24	19	48,199
Jimma	17,915	5	19	14	83,727
West Shewa	37,920	5	37	34	539,244
North Shewa	33,803	6	34	27	510,751
East Shewa	11,604	5	25	23	186,198
Arsi	34,654	8	26	28	772,158
West Harerghe	*	*	*	*	*
East Harerghe	13,313	5	24	20	145,583
Bale	10,775	5	26	25	118,883
Borena	*	*	*	*	*
South West Shewa	4,888	5	112	101	64,524
Guji	*	*	*	*	*
West Arsi	8,729	4	25	26	65,261
Kelem Wellega	*	*	*	*	*
Horoguduru Wellega	791	2	21	21	2,595

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)
<b>Somale</b>	*	*	*	*	*
Shinele	*	*	*	*	*
Jijiga	*	-	-	*	-
Liben	-	*	-	-	-
<b>Benshangul-Gumuz</b>	3,327	4	*	22	25,998
Metekel	*	4	*	*	14,557
Asosa	*	-	-	*	-
Kemeshi	*	*	*	*	*
Mao komo	*	*	*	*	*
<b>SNNP</b>	42,500	5	28	24	470,766
Gurage	6,000	5	46	38	57,994
Hadiya	4,225	4	23	18	29,836
Kembata Tembaro	3,416	4	32	30	41,770
Sidama	10,146	6	28	26	181,110
Gedio	*	*	*	*	*
Wolayita	5,585	4	21	17	37,946
South Omo	*	*	*	*	*
Shaka	*	6	*	19	*
Kaffa	1,109	*	17	17	*
Gamo Gofa	*	*	*	*	*
Bench Maji	*	5	*	*	*
Yem Sp. Wereda	231	4	15	18	1,316
Amaro Sp. Wereda	*	*	*	*	*
Burji Sp. Wereda	*	*	*	*	*
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	*	*	*	*	*
Dawro	1,465	3	19	13	4,528
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	951	3	22	14	*
Silte	3,496	5	25	16	27,922
Alaba Sp. Wereda	1,258	5	21	17	6,340
<b>Gambela Region</b>	429	3	*	*	4,457
Angnuwak	*	*	*	*	3,236
Nware	-	-	*	-	-
Mezhenger	*	*	*	*	*
Itang Special	*	*	*	*	*
<b>Harari</b>	*	*	*	*	*
Hundene	*	*	*	*	*
<b>Dire Dawa</b>	2,374	5	29	25	18,950

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)
<b>Ethiopia</b>	123,086	1	69	65	936,107
<b>Tigray</b>	17,324	-	91	84	173,252
North West Tigray	*	-	28	28	*
Central Tigray	6,862	-	*	146	121,322
Eastern Tigray	5,485	-	40	38	*
Southern Tigray	3,307	-	*	*	*
Western Tigray	*	-	*	*	*
<b>Afar</b>	*	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	*	-	-	-	-
<b>Amhara</b>	47,126	1	66	60	346,315
North Gonder	*	-	*	*	*
South Gonder	*	-	*	*	*
North Wolo	3,873	-	75	73	34,255
South Wolo	9,357	-	80	78	*
North Shewa	8,066	-	*	*	12,494
East Gojam	5,112	-	*	*	*
West Gojam	9,278	-	*	33	*
Waghamera	*	-	*	25	5,025
Awi	*	-	*	*	*
Oromia	1,011	-	28	25	3,177
Argoba Special	*	-	*	*	*
<b>Oromia</b>	42,750	1	64	65	316,764
West Wellega	1,048	-	18	27	2,882
East Wellega	*	-	*	*	*
Illubabor	*	-	*	*	23,869
Jimma	*	-	*	*	*
West Shewa	7,776	-	64	54	*
North Shewa	*	-	50	45	*
East Shewa	4,413	-	*	*	*
Arsi	6,119	-	19	44	50,284
West Harerghe	*	-	-	*	*
East Harerghe	-	-	*	-	-
Bale	*	-	*	*	*
Borena	*	-	-	-	-
South West Shewa	*	-	*	*	38,407
Guji	*	-	*	*	*
West Arsi	*	-	*	*	*
Kelem Wellega	-	-	*	*	*
Horoguduru Wellega	-	-	-	-	-

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)
<b>Somale</b>	*	-	*	*	*
Shinele	*	-	*	*	*
Jijiga	-	-	-	-	-
Liben	*	-	*	-	-
<b>Benshangul-Gumuz</b>	*	1	25	25	832
Metekel	*	-	*	*	*
Asosa	-	-	-	-	-
Kemeshi	-	-	-	-	-
Mao Komo	*	-	*	*	*
<b>SNNP</b>	12,320	1	70	65	88,648
Gurage	3,837	-	*	*	*
Hadiya	*	-	*	*	*
Kembata Tembaro	1,136	-	*	*	*
Sidama	*	-	*	*	*
Gedio	*	-	*	*	*
Wolayita	-	-	-	-	-
South Omo	*	-	*	*	*
Shaka	*	-	*	*	*
Kaffa	943	-	33	33	2,584
Gamo Gofa	*	-	*	*	*
Bench Maji	*	-	*	*	*
Yem Sp. Wereda	111	-	*	*	*
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	*	-	*	*	*
Konso Sp. Wereda	*	-	*	*	*
Derashe Sp. Wereda	-	-	-	-	-
Dawro	-	-	*	*	*
Basketo Sp. Wereda	*	-	*	*	*
Konta Sp. Wereda	-	-	-	-	-
Silte	*	-	*	*	*
Alaba Sp. Wereda	-	-	-	-	-
<b>Gambela Region</b>	*	-	*	*	*
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	*	-	*	*	*
Itang Special	-	-	-	-	-
<b>Harari</b>	*	-	*	*	*
Hundene	*	-	*	*	*
<b>Dire Dawa</b>	2,901	1	41	40	8,911

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	Others
<b>Ethiopia</b>	18,479,097	5,854,098	5,991,196	1,862,571	3,165,970	1,926,909
<b>Tigray</b>	2,126,141	835,576	688,353	270,767	159,317	240,895
North West Tigray	525,430	224,830	142,832	*	*	108,068
Central Tigray	464,417	131,613	230,113	*	*	*
Eastern Tigray	321,661	186,520	96,424	*	*	22,258
Southern Tigray	501,945	158,844	150,147	150,648	49,165	*
Western Tigray	312,688	133,768	68,837	28,847	*	62,786
<b>Afar</b>	91,397	*	17,025	*	*	*
Zone 1	11,885	-	-	*	*	*
Zone 3	79,512	*	17,025	*	*	*
<b>Amhara</b>	2,357,716	907,272	542,553	291,453	166,941	457,285
North Gonder	357,765	186,859	*	*	*	71,782
South Gonder	156,945	57,887	*	*	-	*
North Wolo	210,201	79,017	73,010	*	*	*
South Wolo	358,605	177,647	93,123	*	*	*
North Shewa	331,997	*	187,507	*	42,364	*
East Gojam	477,793	249,192	107,775	*	*	*
West Gojam	218,644	*	22,258	*	*	*
Waghamera	47,729	*	*	*	*	17,167
Awi	115,329	*	*	*	-	*
Oromia	78,930	14,909	*	*	*	52,220
Argoba Special	3,779	595	2,420	604	-	160
<b>Oromia</b>	9,834,154	2,774,193	3,317,069	834,038	2,154,563	931,617
West Wellega	452,973	147,402	107,664	*	107,267	*
East Wellega	546,440	55,543	70,481	*	346,522	*
Illubabor	441,609	97,469	114,162	*	201,511	*
Jimma	596,008	140,181	151,975	*	160,649	82,423
West Shewa	443,974	193,532	124,646	*	84,991	*
North Shewa	409,874	139,444	156,795	*	64,835	27,601
East Shewa	679,780	265,091	252,333	*	108,638	71,003
Arsi	773,702	206,792	370,500	26,850	39,312	148,043
West Harerghe	852,126	208,255	201,308	*	376,157	*
East Harerghe	566,435	265,901	199,775	*	127,427	*
Bale	742,623	188,849	347,981	*	*	167,585
Borena	596,434	124,038	*	297,610	*	*
South West Shewa	804,829	315,385	259,242	*	140,347	*
Guji	667,601	50,442	470,063	96,884	*	*
West Arsi	814,008	276,447	218,535	59,075	158,013	145,680
Kelem Wellega	201,278	46,932	40,614	64,044	47,611	*
Horoguduru Wellega	244,460	*	98,534	*	77,982	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	118,840	*	*	77,712	*	*
Shinele	1,885	*	*	*	-	370
Jijiga	64,480	*	*	41,585	-	*
Liben	52,476	*	*	35,260	*	*
<b>Benshangul-Gumuz</b>	238,119	35,129	23,123	30,360	95,173	62,403
Metekel	137,291	24,990	*	*	43,893	39,169
Asosa	58,021	-	*	*	41,228	17,265
Kemeshi	8,715	*	*	*	*	-
Mao Komo	34,092	8,869	5,305	8,260	6,761	5,970
<b>SNNP</b>	3,584,930	1,238,342	1,375,603	294,440	521,705	210,046
Gurage	461,906	176,285	184,004	*	26,168	69,943
Hadiya	190,143	92,149	41,904	*	*	*
Kembata Tembaro	138,118	94,205	42,610	*	*	*
Sidama	744,573	149,891	274,165	50,804	268,964	*
Gedio	31,861	*	19,195	*	*	*
Wolayita	261,528	150,580	64,639	*	*	*
South Omo	181,945	61,768	32,806	*	*	*
Shaka	91,681	*	58,782	-	*	*
Kaffa	224,004	88,945	95,565	*	*	*
Gamo Gofa	437,931	111,218	271,868	57,278	-	*
Bench Maji	195,535	*	103,551	*	63,376	*
Yem Sp. Wereda	35,378	*	14,599	*	7,348	5,381
Amaro Sp. Wereda	88,848	*	35,886	*	*	13,822
Burji Sp. Wereda	30,478	4,271	6,492	864	11,069	7,753
Konso Sp. Wereda	23,537	16,567	4,289	2,712	-	*
Derashe Sp. Wereda	34,932	*	12,781	*	-	*
Dawro	64,082	35,021	16,620	6,946	*	*
Basketo Sp. Wereda	28,208	12,785	12,491	*	1,921	*
Konta Sp. Wereda	52,029	11,549	39,373	*	*	*
Silte	189,187	140,875	*	*	*	*
Alaba Sp. Wereda	79,026	56,305	15,467	*	*	*
<b>Gambela Region</b>	87,028	3,823	*	16,581	58,771	7,505
Angnuwak	7,643	*	*	3,962	*	*
Nuware	65,608	3,242	*	*	55,338	*
Mezhenger	8,007	*	*	4,605	*	*
Itang Special	5,770	3,823	-	*	*	*
<b>Harari</b>	14,982	9,695	*	-	*	*
Hundene	14,982	9,695	*	-	*	*
<b>Dire Dawa</b>	25792	25,623	*	*	-	-

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	3,952,015	355,647	441,147	881,869	883,713	1,405,569
<b>Tigray</b>	668,029	*	104,267	104,014	352,911	29,955
North West Tigray	22,280	-	*	*	*	*
Central Tigray	229,567	*	65,946	*	109,688	*
Eastern Tigray	193,542	*	*	*	127,427	*
Southern Tigray	205,356	*	*	*	*	*
Western Tigray	*	*	-	*	*	*
<b>Afar</b>	119,094	*	*	79,295	*	*
Zone 1	*	-	-	*	-	*
Zone 3	113,854	*	*	74,538	*	*
<b>Amhara</b>	1,519,153	94,137	92,690	221,062	139,533	992,901
North Gonder	22,359	*	-	*	-	*
South Gonder	*	*	*	*	-	*
North Wolo	221,602	*	*	*	*	152,306
South Wolo	373,208	*	*	*	*	281,515
North Shewa	243,069	*	*	*	*	124,239
East Gojam	*	60,829	*	80,109	*	*
West Gojam	27,600	*	*	*	*	*
Waghamera	32,457	*	*	*	-	14,425
Awi	*	*	-	-	-	*
Oromia	*	-	-	*	-	*
Argoba Special	*	-	-	-	*	*
<b>Oromia</b>	1,141,448	101,097	163,555	226,649	283,890	339,537
West Wellega	19,690	*	*	6,841	*	*
East Wellega	14,655	*	*	*	*	-
Illubabor	*	*	*	*	*	*
Jimma	4,187	*	-	*	*	-
West Shewa	122,925	*	*	*	*	*
North Shewa	239,014	*	16,155	34,280	13,321	158,163
East Shewa	65,040	*	7,139	5,393	*	33,365
Arsi	158,262	8,197	19,963	*	21,729	41,818
West Harerghe	18,772	*	*	-	9,525	*
East Harerghe	98,530	18,814	*	*	52,315	*
Bale	18,860	-	-	*	*	*
Borena	109,623	*	*	43,549	-	*
South West Shewa	72,906	*	*	*	*	*
Guji	*	*	*	*	-	-
West Arsi	89,497	*	*	*	*	*
Kelem Wellega	14,892	*	*	1,927	*	-
Horoguduru Wellega	17,726	*	*	-	*	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	137,144	*	*	120,465	-	13,842
Shinele	15,365	-	*	9,084	-	6,022
Jijiga	*	-	*	*	-	*
Liben	34,702	*	*	32,790	-	*
<b>Benshangul-Gumuz</b>	18,720	*	*	6,463	*	6,955
Metekel	6,215	*	-	*	-	*
Asosa	5,596	-	-	*	*	*
Kemeshi	1,212	*	-	*	*	-
Mao Komo	5,697	*	*	*	*	3,995
<b>SNNP</b>	311,034	38,822	*	116,914	91,392	13,620
Gurage	24,258	6,728	*	*	*	*
Hadiya	16,221	*	*	*	*	-
Kembata Tembaro	12,647	4,296	*	*	-	*
Sidama	*	*	*	*	*	*
Gedio	38,547	*	*	31,967	*	*
Wolayita	5,631	*	*	*	-	-
South Omo	62,001	1,138	*	*	*	*
Shaka	*	-	*	-	*	-
Kaffa	*	-	-	*	*	-
Gamo Gofa	*	*	*	*	-	*
Bench Maji	4,146	-	*	*	*	-
Yem Sp. Wereda	4,899	-	*	*	3,670	381
Amaro Sp. Wereda	*	*	*	*	-	-
Burji Sp. Wereda	*	-	-	*	-	-
Konso Sp. Wereda	5,837	-	*	2,935	-	*
Derashe Sp. Wereda	*	*	*	*	-	*
Dawro	2,844	*	*	*	*	*
Basketo Sp. Wereda	3,273	1,103	*	*	-	*
Konta Sp. Wereda	1,754	*	*	-	*	*
Silte	23,613	*	*	*	9,644	-
Alaba Sp. Wereda	6,570	4,640	*	*	*	*
<b>Gambela Region</b>	1,468	-	*	*	*	*
Angnuwak	-	-	-	-	-	-
Nuware	*	-	*	*	-	*
Mezhenger	*	-	-	*	-	-
Itang Special	*	-	-	-	*	-
<b>Harari</b>	*	*	*	-	-	-
Hundene	*	*	*	-	-	-
<b>Dire Dawa</b>	34,571	25,949	4,211	6,548	-	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	3,348,250	376,151	474,202	977,854	910,605	620,955
<b>Tigray</b>	973,407	96,639	137,259	152,462	531,370	75,126
North West Tigray	287,656	*	45,927	*	146,809	46,471
Central Tigray	370,309	*	66,317	83,229	196,771	*
Eastern Tigray	75,185	*	*	*	56,829	*
Southern Tigray	149,517	22,148	*	*	102,667	*
Western Tigray	90,741	*	*	*	28,294	*
<b>Afar</b>	152,336	*	*	101,017	*	*
Zone 1	*	-	-	*	-	*
Zone 3	144,889	*	*	94,519	*	*
<b>Amhara</b>	417,898	56,543	34,446	107,707	27,462	184,468
North Gonder	51,065	*	*	*	*	*
South Gonder	10,560	*	*	*	-	*
North Wolo	117,182	*	-	*	*	71,371
South Wolo	54,978	*	*	*	*	32,668
North Shewa	69,639	*	*	33,869	*	12,211
East Gojam	9,121	*	-	*	-	*
West Gojam	*	-	-	*	-	-
Waghamera	76,137	*	*	*	*	42,856
Awi	*	*	-	*	-	-
Oromia	*	*	-	*	-	4,102
Argoba Special	1,128	*	*	-	*	237
<b>Oromia</b>	1,124,507	124,339	248,443	189,478	266,658	294,121
West Wellega	12,784	*	-	*	*	-
East Wellega	2,763	*	-	*	*	-
Illubabor	*	*	*	*	*	*
Jimma	*	*	-	-	-	-
West Shewa	*	*	-	*	*	*
North Shewa	55,360	*	*	*	*	*
East Shewa	84,319	*	*	*	*	51,823
Arsi	87,711	*	*	*	*	*
West Harerghe	161,538	*	*	*	*	104,725
East Harerghe	168,806	24,775	*	*	90,951	*
Bale	165,308	*	*	*	*	*
Borena	197,635	*	*	111,355	-	*
South West Shewa	*	*	*	*	*	*
Guji	*	-	*	*	-	*
West Arsi	41,987	*	*	*	*	*
Kelem Wellega	*	-	*	-	*	-
Horoguduru Wellega	4,442	-	-	-	3,484	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	238,699	*	*	201,591	*	23,271
Shinele	54,419	*	*	36,469	-	14,108
Jijiga	110,808	*	*	98,589	*	*
Liben	73,473	-	*	66,533	*	*
<b>Benshangul-Gumuz</b>	59,497	*	*	36,875	*	14,440
Metekel	12,390	*	-	*	*	*
Asosa	32,329	-	-	28,608	*	*
Kemeshi	*	*	*	*	*	-
Mao Komo	9,310	*	-	1,860	-	7,401
<b>SNNP</b>	275,950	21,309	12,117	166,103	*	16,918
Gurage	*	*	*	-	*	*
Hadiya	12,642	*	-	*	*	-
Kembata Tembaro	3,847	*	*	*	-	*
Sidama	*	*	*	-	*	-
Gedio	*	-	-	*	-	-
Wolayita	*	-	*	*	-	-
South Omo	148,955	*	*	111,519	*	*
Shaka	-	-	-	-	-	-
Kaffa	*	-	-	*	-	-
Gamo Gofa	13,134	*	*	*	-	*
Bench Maji	*	-	-	*	*	-
Yem Sp. Wereda	2,088	-	*	*	1,326	*
Amaro Sp. Wereda	19,397	-	-	16,226	-	*
Burji Sp. Wereda	5,286	-	-	5,233	*	-
Konso Sp. Wereda	7,629	*	*	4,881	-	*
Derashe Sp. Wereda	*	*	-	7,782	-	*
Dawro	*	*	-	*	-	-
Basketo Sp. Wereda	*	*	*	*	-	*
Konta Sp. Wereda	317	-	*	*	*	*
Silte	7,595	*	-	*	*	-
Alaba Sp. Wereda	8,578	6,444	*	*	*	*
<b>Gambela Region</b>	4,749	-	-	3,596	*	619
Angnuwak	2,328	-	-	2,099	-	*
Nuware	*	-	-	*	-	*
Mezhenger	-	-	-	-	-	-
Itang Special	*	-	-	*	*	-
<b>Harari</b>	4,976	3,574	2,628	-	*	*
Hundene	4,976	3,574	2,628	-	*	*
<b>Dire Dawa</b>	96,230	69,400	14,851	19,025	-	*

d. Draught Animals

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	79,773	11,699	13,817	41,803	7,585	*
<b>Tigray</b>	*	1,274	*	*	*	*
North West Tigray	*	*	*	*	*	*
Central Tigray	*	-	-	-	*	-
Eastern Tigray	-	-	-	-	-	-
Southern Tigray	*	*	*	*	-	*
Western Tigray	*	*	*	-	*	-
<b>Afar</b>	*	-	*	*	-	*
Zone 1	*	-	-	*	-	-
Zone 3	*	-	*	*	-	*
<b>Amhara</b>	4,429	*	*	*	*	*
North Gonder	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-
North Wolo	*	-	-	-	-	*
South Wolo	*	-	-	-	-	-
North Shewa	*	*	*	-	*	*
East Gojam	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-
Waghamera	*	-	-	-	-	*
Awi	-	-	-	-	-	-
Oromia	*	-	-	*	-	*
Argoba Special	*	-	-	-	*	*
<b>Oromia</b>	20,663	*	*	5,972	*	*
West Wellega	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-
Jimma	-	-	-	-	-	-
West Shewa	*	-	-	*	-	-
North Shewa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
Arsi	*	-	*	-	-	-
West Harerghe	*	*	*	-	*	*
East Harerghe	-	-	-	-	-	-
Bale	*	-	*	-	-	*
Borena	8,824	*	*	5,093	*	*
South West Shewa	-	-	-	-	-	-
Guji	-	-	-	-	-	-
West Arsi	*	-	-	-	-	*
Kelem Wellega	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	26,434	*	*	19,160	*	*
Shinele	*	-	*	*	-	-
Jijiga	*	*	*	*	-	-
Liben	12,256	*	*	8,671	*	*
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-
<b>SNNP</b>	*	-	*	-	*	-
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	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-
Nware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
<b>Harari</b>	*	*	*	-	-	-
Hundene	*	*	*	*	-	-
<b>Dire Dawa</b>	2,712	1,679	*	-	-	-

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Ethiopia</b>	8,978,652	5,208,185	4,584,548	1,282,226	83,362	29,575,984
<b>Tigray</b>	346,303	156,377	630,575	37,192	4,659	2,573,964
North West Tigray	120,653	*	225,852	10,100	*	901,492
Central Tigray	46,788	43,126	187,943	9,518	-	497,828
Eastern Tigray	36,802	55,548	28,921	4,251	-	214,239
Southern Tigray	51,753	38,796	101,374	8,673	1,854	427,676
Western Tigray	90,306	6,314	86,485	4,649	2,231	532,728
<b>Afar</b>	116,760	147,234	223,391	5,368	6,084	9,951
Zone 1	83,522	101,473	158,916	4,428	3,035	-
Zone 3	33,239	45,761	64,475	940	*	9,951
<b>Amhara</b>	1,610,911	1,763,839	1,238,254	358,429	8,749	9,985,881
North Gonder	282,511	219,247	291,828	43,358	-	3,515,615
South Gonder	140,595	186,871	130,248	30,873	-	792,495
North Wolo	96,669	186,574	157,819	27,649	1,266	401,008
South Wolo	114,770	233,697	101,510	31,127	*	470,714
North Shewa	126,456	372,758	203,312	36,936	*	1,385,931
East Gojam	231,438	230,799	68,752	78,061	-	546,417
West Gojam	314,615	175,187	49,544	57,006	*	2,010,267
Waghamera	57,512	43,810	176,886	11,732	*	101,529
Awi	183,341	106,493	25,818	38,937	-	652,428
Oromia	60,890	7,926	28,374	2,694	812	105,158
Argoba Special	2,114	*	4,164	59	157	4,318
<b>Oromia</b>	4,558,236	2,221,375	1,560,988	689,424	43,926	11,136,051
West Wellega	354,399	113,664	43,730	38,158	-	1,246,728
East Wellega	373,658	86,368	53,936	33,560	-	706,179
Illubabor	364,865	117,704	65,844	29,818	-	692,540
Jimma	424,907	244,036	63,144	57,896	-	745,726
West Shewa	304,805	201,068	82,339	69,064	-	1,726,809
North Shewa	162,014	330,325	33,832	27,466	-	432,376
East Shewa	124,731	61,348	75,910	27,676	*	638,515
Arsi	291,252	214,355	148,304	72,217	*	1,246,816
West Harerghe	178,025	27,978	127,233	20,420	*	398,413
East Harerghe	310,577	84,849	276,113	38,650	6,688	185,723
Bale	228,374	52,896	199,059	42,360	10,791	187,212
Borena	240,804	79,999	152,777	9,680	14,434	188,041
South West Shewa	147,389	85,612	36,925	55,985	-	868,666
Guji	258,754	77,688	65,504	27,940	*	183,044
Werst Arsi	379,396	286,897	67,819	85,113	-	647,271
Kelem Wellega	235,774	96,220	37,162	23,254	-	720,482
Horoguduru Wellega	178,514	60,367	31,358	30,167	-	321,510

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
<b>Somale</b>	68,009	88,917	190,060	5,588	18,194	15,433
Shinele	3,253	8,091	39,584	751	2,101	176
Jijiga	14,859	30,451	*	*	*	*
Liben	49,897	50,375	96,822	4,556	14,963	15,099
<b>Benshangul-Gumuz</b>	264,162	46,477	212,754	29,381	-	1,282,401
Metekel	178,298	25,250	68,275	11,603	-	463,391
Asosa	58,596	9,616	114,008	12,621	-	548,696
Kemeshi	12,603	5,541	17,121	3,410	-	137,973
Mao Komo	14,665	6,070	13,351	1,747	-	132,341
<b>SNNP</b>	1,965,682	769,679	493,857	154,351	*	4,450,863
Gurage	161,515	39,466	20,013	12,386	-	155,240
Hadiya	94,133	32,765	19,570	13,563	-	341,165
Kembata Tembaro	52,981	17,424	4,573	7,290	-	103,748
Sidama	247,699	28,487	26,841	23,203	-	537,914
Gedio	17,124	48,341	*	5,719	-	82,961
Wolayita	232,371	31,788	8,643	12,011	-	402,661
South Omo	195,041	162,567	192,683	7,937	-	287,006
Shaka	23,139	18,328	2,766	3,005	-	213,846
Kaffa	162,421	130,976	37,791	23,363	-	577,889
Gamo Gofa	314,129	91,487	39,922	19,020	-	673,065
Bench Maji	89,415	54,344	14,396	5,402	-	410,725
Yem Sp. Wereda	12,817	4,863	2,377	568	-	12,207
Amaro Sp. Wereda	42,223	10,847	16,147	*	-	28,352
Burji Sp. Wereda	14,061	460	6,366	394	-	20,956
Konso Sp. Wereda	33,757	16,255	40,097	*	-	75,424
Derashe Sp. Wereda	23,669	6,528	19,699	1,505	-	63,617
Dawro	123,686	19,288	9,666	5,722	*	99,200
Basketo Sp. Wereda	12,378	3,062	2,517	529	-	23,514
Konta Sp. Wereda	31,786	6,975	5,584	1,744	-	62,878
Silte	54,870	32,389	9,184	6,245	-	189,517
Alaba Sp. Wereda	26,470	13,037	13,057	3,004	-	88,977
<b>Gambela Region</b>	31,710	4,480	8,501	279	-	102,994
Angnuwak	4,379	*	1,502	*	-	38,521
Nuware	19,428	3,162	5,313	-	-	6,597
Mezhenger	4,041	676	*	202	-	44,502
Itang Special	3,861	362	1,595	-	-	13,374
<b>Harari</b>	11,985	430	6,044	1,201	*	4,385
Hundene	11,985	430	6,044	1,201	*	4,385
<b>Dire Dawa</b>	4,894	9,376	20,125	1,012	1,122	14,060

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Ethiopia</b>	5,032,302	1,715,009	1,140,052	620,843	28,921	2,106,963
<b>Tigray</b>	122,990	45,880	126,618	11,353	1,859	128,220
North West Tigray	51,256	*	56,070	2,855	*	*
Central Tigray	14,890	12,069	39,052	2,699	-	*
Eastern Tigray	6,253	4,247	*	*	-	9,722
Southern Tigray	20,210	20,245	10,568	3,546	998	14,335
Western Tigray	30,381	1,384	19,416	1,541	*	18,454
<b>Afar</b>	22,889	20,877	29,126	*	*	*
Zone 1	7,253	2,513	*	-	*	-
Zone 3	15,636	18,364	25,468	*	*	*
<b>Amhara</b>	857,963	704,518	260,896	159,059	6,266	453,222
North Gonder	125,121	52,327	35,557	20,505	-	58,485
South Gonder	64,581	63,051	10,205	12,815	-	*
North Wolo	32,985	71,961	57,114	6,241	*	17,515
South Wolo	42,433	65,141	19,803	9,266	*	*
North Shewa	49,724	152,031	41,500	15,195	*	*
East Gojam	143,189	128,153	16,100	36,140	-	26,955
West Gojam	196,759	89,988	*	27,336	*	69,981
Waghamera	28,938	17,054	55,804	3,598	-	*
Awi	153,885	62,470	*	27,842	-	128,258
Oromia	19,987	*	2,659	*	*	*
Argoba Special	363	*	2,437	*	75	414
<b>Oromia</b>	2,682,126	744,850	449,208	355,224	11,969	1,185,044
West Wellega	294,027	54,499	23,696	29,803	-	*
East Wellega	268,933	35,980	20,669	21,558	-	61,198
Illubabor	308,564	51,253	26,047	20,270	-	53,992
Jimma	160,757	14,661	*	20,577	-	46,616
West Shewa	176,316	62,857	*	36,177	-	200,277
North Shewa	81,603	142,089	8,869	9,842	-	72,001
East Shewa	81,309	28,740	29,099	14,817	*	40,118
Arsi	127,411	73,317	*	32,166	-	121,629
West Harerghe	77,379	9,712	39,593	7,341	*	37,568
East Harerghe	148,049	22,543	72,431	15,267	*	8,149
Bale	90,299	*	*	19,420	*	17,611
Borena	68,318	14,152	34,034	3,712	4,591	*
South West Shewa	89,960	19,716	10,214	33,514	-	151,199
Guji	*	*	*	7,604	*	*
West Arsi	195,008	98,785	9,309	41,782	-	74,133
Kelem Wellega	219,054	76,023	24,193	19,956	-	62,752
Horoguduru Wellega	140,822	28,555	9,286	21,420	-	53,836

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Somale</b>	16,527	*	*	*	5,664	*
Shinele	1,180	2,062	10,988	*	*	-
Jijiga	3,668	*	*	*	*	*
Liben	*	6,184	*	*	*	*
<b>Benshangul-Gumuz</b>	222,626	25,212	70,339	19,901	-	128,597
Metekel	143,672	13,108	21,714	*	-	39,428
Asosa	55,921	4,505	33,921	7,244	-	49,050
Kemeshi	9,792	2,607	7,126	2,748	-	3,734
Mao Komo	13,241	4,992	7,578	1,431	-	36,385
<b>SNNP</b>	1,087,378	150,277	130,294	72,276	*	205,844
Gurage	108,132	7,059	8,916	7,447	-	15,332
Hadiya	46,194	2,923	*	5,912	-	*
Kembata Tembaro	29,061	4,060	*	4,214	-	8,240
Sidama	115,582	*	*	10,197	-	*
Gedio	8,324	21,944	*	2,337	-	6,599
Wolayita	144,454	8,522	*	7,784	-	*
South Omo	65,137	*	45,281	1,008	-	6,160
Shaka	14,292	2,984	*	1,637	-	*
Kaffa	61,895	9,171	1,781	8,556	-	8,226
Gamo Gofa	192,264	*	10,373	9,320	-	22,974
Bench Maji	56,151	15,935	*	2,860	-	12,590
Yem Sp. Wereda	9,595	1,317	*	341	-	*
Amaro Sp. Wereda	34,510	*	6,563	*	-	*
Burji Sp. Wereda	9,259	131	2,328	251	-	*
Konso Sp. Wereda	22,967	6,020	20,130	*	-	*
Derashe Sp. Wereda	6,498	*	2,273	476	-	*
Dawro	100,374	5,790	2,069	4,759	*	5,847
Basketo Sp. Wereda	9,423	1,601	584	434	-	4,287
Konta Sp. Wereda	21,721	1,232	*	1,297	-	5,494
Silte	22,952	4,808	2,499	1,827	-	24,237
Alaba Sp. Wereda	8,593	*	*	600	-	*
<b>Gambela Region</b>	14,286	593	1,233	129	-	1,581
Angnuwak	3,518	-	*	-	-	1,324
Nuware	7,121	*	679	-	-	*
Mezhenger	2,908	*	*	129	-	-
Itang Special	740	*	206	-	-	*
<b>Harari</b>	3,852	*	1,536	331	*	*
Hundene	3,852	*	1,536	331	*	*
<b>Dire Dawa</b>	1,665	1,681	3,017	272	634	1,049

**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
<b>Ethiopia</b>	3,519,690	3,660,468	3,298,440	182,264	380,977	24,911	42,899	26,433,430
<b>Tigray</b>	129,903	116,964	508,688	2,878	16,537	*	1,248	2,303,914
North West Tigray	36,186	2,923	181,015	-	3,505	*	-	795,020
Central Tigray	22,627	37,077	158,148	*	4,277	-	-	462,522
Eastern Tigray	12,269	41,939	23,429	-	1,263	*	-	202,806
Southern Tigray	28,241	29,111	88,832	*	4,813	*	827	401,107
Western Tigray	30,581	5,914	57,264	*	2,679	-	*	442,459
<b>Afar</b>	71,068	88,910	136,838	*	2,139	-	1,691	9,965
Zone 1	56,669	68,100	107,958	*	*	-	830	-
Zone 3	14,399	20,810	28,880	-	*	-	*	9,965
<b>Amhara</b>	570,595	1,171,814	903,226	28,857	135,169	5,140	2,364	8,757,192
North Gonder	125,747	159,952	210,071	*	20,996	*	-	2,954,180
South Gonder	64,918	131,176	105,084	*	11,950	-	-	717,774
North Wolo	40,338	112,817	107,765	*	8,846	*	*	323,660
South Wolo	57,770	163,592	72,863	*	14,605	*	*	453,522
North Shewa	57,737	265,387	175,594	2,763	17,135	*	*	1,212,985
East Gojam	67,374	148,421	45,567	8,377	27,824	*	*	517,690
West Gojam	72,237	98,078	43,494	3,644	21,902	*	-	1,813,660
Waghamera	16,984	25,552	102,772	*	4,872	*	-	83,850
awi	32,487	59,918	17,230	3,354	*	*	-	588,714
Oromia	34,030	6,779	20,890	-	2,046	-	*	87,504
Argoba Special	973	140	1,896	-	39	-	*	3,653
<b>Oromia</b>	1,783,820	1,593,242	1,164,663	114,257	185,307	13,080	27,362	10,218,093
West Wellega	81,113	62,391	28,089	*	8,302	*	-	1,172,620
East Wellega	72,225	51,692	32,362	*	11,932	*	-	654,657
Illubabor	104,714	76,815	43,579	8,111	2,700	*	-	646,509
Jimma	156,423	171,152	48,550	15,283	7,419	3,382	-	632,552
West Shewa	92,518	159,727	58,110	10,446	13,904	*	-	1,530,041
North Shewa	91,111	241,869	25,395	5,376	10,671	*	-	429,674
East Shewa	34,391	47,009	56,841	1,669	11,787	*	*	670,895
Arsi	138,327	146,823	102,771	14,545	24,190	1,234	*	1,184,598
West Harerghe	116,573	25,350	107,487	-	12,323	*	*	350,582
East Harerghe	191,812	65,585	211,078	-	23,358	-	*	155,008
Bale	137,685	45,264	159,527	5,864	8,955	2,717	*	155,515
Borena	174,281	59,794	112,974	*	2,849	*	6,456	179,992
South West Shewa	55,877	68,699	25,761	7,078	15,696	1,831	-	817,693
Guji	88,451	71,469	50,724	16,311	3,699	*	-	153,003
West Arsi	167,447	224,912	64,182	21,947	15,553	*	-	567,440
Kelem Wellega	39,132	37,148	14,791	*	5,904	*	-	653,673
Horoguduru Wellega	41,742	37,546	22,443	4,453	6,064	*	*	263,641

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Somale</b>	26,639	45,678	89,044	*	1,346	-	9,599	11,375
Shinele	1,656	5,382	24,298	*	239	-	519	*
Jijiga	6,603	11,797	11,836	-	*	-	*	*
Liben	18,381	28,499	52,910	*	*	-	8,874	10,595
<b>Benshangul-Gumuz</b>	53,668	26,290	155,511	*	11,664	*	*	1,045,685
Metekel	30,861	13,316	50,677	*	2,520	-	-	374,508
Asosa	12,912	5,754	84,086	*	6,949	-	*	423,220
Kemeshi	2,028	3,038	10,773	-	1,044	-	-	125,927
Mao Komo	7,867	4,182	9,975	-	1,151	*	-	122,030
<b>SNNP</b>	858,688	607,812	314,449	32,611	27,684	5,826	-	3,983,906
Gurage	66,982	35,302	16,892	2,047	3,742	*	-	171,750
Hadiya	42,846	27,479	15,816	*	2,519	*	-	304,908
Kembata Tembaro	26,519	13,015	2,515	1,961	1,094	*	-	95,986
Sidama	124,685	18,447	23,175	*	3,615	*	-	446,543
Gedio	5,491	33,102	*	1,973	*	*	-	74,263
Wolayita	95,817	20,894	5,186	-	3,347	*	-	385,548
South Omo	100,139	120,253	103,526	*	*	-	-	249,153
Shaka	12,257	15,992	1,650	1,034	772	*	-	200,326
Kaffa	98,558	115,466	34,192	10,575	*	*	-	532,857
Gamo Gofa	101,415	79,638	21,532	3,156	*	*	-	608,760
Bench Maji	33,238	43,534	8,770	2,450	*	*	-	330,198
Yem Sp. Wereda	3,322	3,988	1,472	119	124	*	-	14,161
Amaro Sp. Wereda	11,367	4,426	9,600	*	*	*	-	27,149
Burji Sp. Wereda	4,579	333	3,947	*	164	*	-	19,577
Konso Sp. Wereda	11,857	10,086	16,921	*	*	-	-	58,006
Derashe Sp. Wereda	14,650	5,250	16,379	*	405	*	-	57,489
Dawro	31,562	13,758	7,556	*	*	510	-	89,782
Basketo Sp. Wereda	5,541	1,774	1,917	*	*	-	-	22,255
Konta Sp. Wereda	14,734	6,226	4,081	421	*	*	-	60,204
Silte	34,227	27,768	6,651	1,288	2,755	-	-	156,698
Alaba Sp. Wereda	18,903	11,083	12,157	616	1,264	-	-	78,292
<b>Gambela Region</b>	15,229	3,010	5,626	*	*	-	-	87,286
Angnuwak	843	*	1,390	-	*	-	-	32,398
Nuware	11,573	1,985	3,322	-	-	-	-	4,858
Mezhenger	1,354	744	*	*	-	-	-	37,531
Itang Special	1,460	121	888	-	-	-	-	12,499
<b>Harari</b>	7,703	418	4,269	-	604	-	*	4,925
Hundene	7,703	418	4,269	-	604	-	*	4,925
<b>Dire Dawa</b>	2,376	6,330	16,126	*	476	-	*	11,090

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
<b>Ethiopia</b>	1,530,253	933,508	1,283,617	36,676	110,014	7,457	41,493	20,925,714
<b>Tigray</b>	70,150	43,872	200,856	*	10,649	*	*	1,698,781
North West Tigray	25,002	2,326	76,239	*	1,784	-	-	628,126
Central Tigray	7,933	11,009	62,598	-	2,662	*	-	333,025
Eastern Tigray	7,952	20,077	14,152	-	2,752	-	-	204,075
Southern Tigray	7,717	*	23,416	*	1,830	*	*	314,282
Western Tigray	21,545	1,192	24,450	-	1,621	-	*	219,272
<b>Afar</b>	11,495	28,881	47,469	-	*	-	1,772	1,578
Zone 1	7,907	23,327	39,280	-	*	-	*	*
Zone 3	3,588	*	8,188	-	-	-	*	1,388
<b>Amhara</b>	236,944	211,680	275,029	*	42,106	2,663	*	6,511,407
North Gonder	39,603	23,673	55,279	-	3,218	-	-	1,387,600
South Gonder	24,098	22,574	34,381	*	2,187	-	-	745,006
North Wolo	20,769	22,169	33,320	*	4,625	*	*	410,986
South Wolo	24,331	33,730	25,639	*	8,250	*	*	734,296
North Shewa	37,201	45,555	35,209	*	9,025	*	-	671,733
East Gojam	27,426	22,952	34,552	-	9,243	*	-	347,630
West Gojam	20,351	19,246	13,077	-	2,878	*	-	1,450,535
Waghamera	8,599	15,375	31,157	-	*	-	-	206,344
Awi	15,371	3,550	3,324	*	-	-	-	404,943
Oromia	18,628	*	*	-	1,017	-	*	138,912
Argoba Special	568	402	939	-	28	-	*	13,422
<b>Oromia</b>	812,652	442,400	450,480	18,390	42,906	*	11,217	7,536,211
West Wellega	13,680	17,530	8,394	-	*	-	-	542,698
East Wellega	10,650	14,481	7,554	-	*	-	-	431,212
Illubabor	9,189	10,229	7,153	*	*	*	-	516,941
Jimma	18,843	33,817	12,600	*	*	*	-	855,621
West Shewa	32,851	8,783	12,960	-	3,157	-	-	353,414
North Shewa	26,597	20,147	*	*	2,982	-	-	144,374
East Shewa	9,237	16,045	18,855	*	6,170	-	*	235,640
Arsi	44,187	31,225	18,388	5,387	5,087	-	*	678,583
West Harerghe	23,855	13,485	47,686	*	2,415	-	*	740,003
East Harerghe	36,068	21,718	62,481	-	3,731	-	*	1,005,193
Bale	44,542	11,605	54,015	*	3,634	*	*	244,806
Borena	354,821	64,219	82,819	-	2,728	*	5,426	176,004
South West Shewa	18,666	5,096	16,458	*	2,438	-	-	241,610
Guji	132,843	*	59,721	1,170	*	-	-	232,949
West Arsi	24,316	21,094	17,874	*	4,763	*	-	438,495
Kelem Wellega	3,804	*	4,859	-	508	-	-	477,627
Horoguduru Wellega	8,501	7,306	8,036	844	690	*	-	221,042

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Somale</b>	271,607	112,255	197,562	*	7,375	*	25,985	41,201
Shinele	297	4,960	15,365	*	126	-	354	*
Jijiga	3,548	15,663	10,503	-	*	-	*	5,801
Liben	267,763	91,632	171,694	*	7,062	*	25,449	31,287
<b>Benshangul-Gumuz</b>	8,679	4,386	20,550	*	524	*	-	398,661
Metekel	6,955	2,667	9,249	*	524	-	-	247,646
Asosa	853	*	6,264	-	-	-	-	54,897
Kemeshi	378	749	4,220	-	-	*	-	69,791
Mao Komo	493	698	817	-	-	-	-	26,328
<b>SNNP</b>	114,083	86,327	80,110	4,361	5,595	*	*	4,605,514
Gurage	18,029	9,271	6,266	*	906	-	-	133,938
Hadiya	6,958	5,522	2,669	*	*	-	-	334,966
Kembata Tembaro	3,365	1,705	1,039	*	*	-	-	139,937
Sidama	16,963	*	2,415	-	*	-	-	386,419
Gedio	*	*	*	-	*	*	*	68,370
Wolayita	8,989	1,156	2,059	-	-	*	-	360,345
South Omo	*	7,208	*	*	*	-	-	126,248
Shaka	1,028	4,162	*	-	*	-	-	163,295
Kaffa	5,274	7,198	2,810	1,315	-	-	-	1,118,871
Gamo Gofa	19,436	14,244	13,542	*	*	-	-	492,984
Bench Maji	2,758	10,423	2,425	*	*	-	-	670,557
Yem Sp. Wereda	839	503	461	*	-	-	-	23,826
Amaro Sp. Wereda	2,478	337	2,988	*	*	-	-	44,690
Burji Sp. Wereda	430	*	1,868	*	*	-	-	8,660
Konso Sp. Wereda	*	1,373	5,589	-	-	-	-	48,052
Derashe Sp. Wereda	1,311	434	731	-	249	-	-	37,242
Dawro	5,020	4,182	2,481	*	-	*	-	100,294
Basketo Sp. Wereda	562	202	*	-	*	-	-	15,926
Konta Sp. Wereda	1,565	1,936	663	*	-	-	-	48,364
Silte	5,259	8,426	3,913	*	*	-	-	203,582
Alaba Sp. Wereda	1,214	583	*	-	*	-	-	78,947
<b>Gambela Region</b>	2,436	891	2,546	*	*	-	-	79,620
Angnuwak	*	-	399	*	-	-	-	21,233
Nuware	1,562	516	1,391	-	-	-	-	10,195
Mezhenger	*	214	-	-	-	-	-	19,707
Itang Special	598	*	756	-	*	-	-	28,485
<b>Harari</b>	1,727	231	1,684	-	194	-	*	27,432
Hundene	1,727	231	1,684	-	194	-	*	27,432
<b>Dire Dawa</b>	480	2,584	7,332	-	189	-	146	25,309

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
<b>Ethiopia</b>	3,163,790	4,160,706	3,778,385	3,118,351	745,124	113,603	5,887	1,725	888
<b>Tigray</b>	216,559	231,391	258,585	208,669	48,086	12,687	510	-	142
North West Tigray	32,087	30,358	44,397	57,525	24,626	7,997	-	-	-
Central Tigray	64,968	78,943	89,076	47,794	1,400	-	-	-	-
Eastern Tigray	41,712	47,106	43,167	21,463	1,171	-	-	-	-
Southern Tigray	61,548	62,757	63,841	52,750	6,244	202	-	-	-
Western Tigray	16,245	12,227	18,105	29,136	14,644	4,488	510	-	142
<b>Afar</b>	28,497	7,943	10,296	21,483	21,161	12,139	1,155	77	-
Zone 1	17,145	4,729	7,099	15,490	13,553	8,296	787	41	-
Zone 3	11,352	3,213	3,197	5,994	7,608	3,843	367	36	-
<b>Amhara</b>	862,269	1,313,755	1,212,108	833,433	140,336	10,945	158	-	-
North Gonder	144,901	170,258	182,206	150,173	49,534	5,387	-	-	-
South Gonder	79,892	172,732	153,805	84,553	6,626	396	-	-	-
North Wolo	75,927	125,926	130,559	55,500	5,331	-	-	-	-
South Wolo	117,834	205,500	234,573	75,082	1,169	-	-	-	-
North Shewa	124,797	160,243	122,191	83,050	9,944	596	-	-	-
East Gojam	131,278	203,723	138,212	113,940	15,043	386	-	-	-
West Gojam	90,225	160,097	153,259	153,771	27,620	1,686	-	-	-
Waghamera	25,070	33,998	27,268	27,657	5,351	678	-	-	-
Awi	48,512	51,389	45,450	68,781	16,810	1,480	-	-	-
Oromia	22,694	28,494	22,807	19,062	2,677	330	158	-	-
Argoba Special	1,136	1,397	1,778	1,861	232	8	-	-	-
<b>Oromia</b>	1,245,454	1,428,167	1,326,304	1,375,467	428,915	56,154	2,288	-	-
West Wellega	95,874	60,709	43,564	57,732	22,590	2,923	-	-	-
East Wellega	48,838	37,164	39,210	60,392	29,965	4,501	-	-	-
Illubabor	83,047	61,216	56,594	67,873	17,926	691	-	-	-
Jimma	116,170	140,910	167,974	179,291	25,685	1,415	422	-	-
West Shewa	116,782	106,771	99,438	135,435	52,772	6,837	-	-	-
North Shewa	58,174	82,597	91,758	102,905	28,088	1,696	-	-	-
East Shewa	80,155	64,143	51,320	54,389	18,638	3,727	-	-	-
Arsi	88,365	114,239	128,155	142,269	47,093	5,842	273	-	-
West Harerghe	46,744	118,527	100,763	67,772	9,315	565	-	-	-
East Harerghe	96,128	239,669	165,405	49,613	3,408	302	-	-	-
Bale	59,865	68,097	70,942	103,360	35,770	3,670	-	-	-
Borena	39,139	41,173	33,630	39,572	27,105	6,697	651	-	-
South West Shewa	66,137	73,619	67,559	80,157	11,593	464	-	-	-
Guji	60,254	51,297	51,894	65,783	30,508	5,841	370	-	-
West Arsi	99,811	108,203	102,163	109,750	46,297	6,476	479	-	-
Kelem Wellega	68,239	43,030	35,106	27,568	4,183	518	-	-	-
Horoguduru Wellega	21,733	16,803	20,830	31,607	17,977	3,989	93	-	-

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
<b>Somale</b>	41,448	19,372	20,836	23,358	12,486	2,872	267	-	-
Shinele	5,986	2,047	1,965	1,108	234	12	-	-	-
Jijiga	13,777	9,475	13,379	16,329	7,436	1,186	-	-	-
Liben	21,684	7,850	5,492	5,921	4,816	1,675	267	-	-
<b>Benshangul-Gumuz</b>	116,075	34,855	24,399	25,325	13,284	2,777	55	-	-
Metekel	28,749	15,842	14,988	20,136	12,631	2,749	55	-	-
Asosa	63,143	13,289	6,452	3,015	223	-	-	-	-
Kemeshi	14,854	3,087	1,771	1,551	369	28	-	-	-
Mao Komo	9,329	2,637	1,188	623	61	-	-	-	-
<b>SNNP</b>	622,270	1,101,25	909,233	622,384	75,357	12,417	1,071	1,607	746
Gurage	35,486	69,569	117,906	76,292	5,731	-	-	-	-
Hadiya	26,715	92,085	92,957	52,981	2,600	641	-	-	-
Kembata Tembaro	13,007	49,618	45,886	11,965	117	-	-	-	-
Sidama	164,935	339,166	173,837	103,348	17,799	2,353	-	-	-
Gedio	93,025	48,769	9,697	4,494	348	-	-	-	-
Wolayita	51,064	135,152	96,409	31,551	222	-	-	-	-
South Omo	31,264	27,101	21,075	22,097	14,008	5,523	1,046	1,607	746
Shaka	13,816	15,383	9,077	5,915	2,491	278	-	-	-
Kaffa	23,695	42,142	58,679	71,114	9,600	675	-	-	-
Gamo Gofa	47,921	112,335	106,685	97,696	8,641	1,638	-	-	-
Bench Maji	27,090	33,076	31,689	25,122	2,545	200	-	-	-
Yem Sp. Wereda	2,744	4,121	5,883	5,177	480	-	-	-	-
Amaro Sp. Wereda	6,717	8,870	9,959	11,619	1,522	346	-	-	-
Burji Sp. Wereda	1,983	2,303	2,089	2,840	911	156	25	-	-
Konso Sp. Wereda	19,461	14,558	11,239	6,845	1,497	141	-	-	-
Derashe Sp. Wereda	13,634	7,112	4,885	5,002	939	397	-	-	-
Dawro	8,141	14,323	21,642	31,345	3,421	68	-	-	-
Basketo Sp. Wereda	4,861	4,721	3,903	2,209	131	-	-	-	-
Konta Sp. Wereda	4,087	7,187	7,868	8,535	449	-	-	-	-
Silte	26,705	56,493	59,417	34,503	956	-	-	-	-
Alaba Sp. Wereda	5,919	17,167	18,451	11,734	950	-	-	-	-
<b>Gambela Region</b>	22,009	5,713	4,216	4,337	5,168	3,611	383	40	-
Angnuwak	9,392	1,079	833	953	298	95	-	-	-
Nuware	1,266	417	672	2,101	4,204	3,052	328	36	-
Mezhenger	7,632	4,009	2,327	486	-	-	-	-	-
Itang Special	3,716	209	384	798	666	464	55	5	-
<b>Harari</b>	4,233	8,287	5,954	2,092	204	-	-	-	-
Hundene	4,233	8,287	5,954	2,092	204	-	-	-	-
<b>Dire Dawa</b>	4,978	9,973	6,454	1,803	128	-	-	-	-

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
<b>Ethiopia</b>	10,072,821	3,285,454	1,222,769	496,269	8,103	2,635	408	-
<b>Tigray</b>	790,972	83,967	71,529	30,082	79	-	-	-
North West Tigray	186,774	5,598	2,773	1,845	-	-	-	-
Central Tigray	228,639	27,185	20,316	6,041	-	-	-	-
Eastern Tigray	82,554	27,702	31,613	12,750	-	-	-	-
Southern Tigray	204,677	19,651	14,106	8,908	-	-	-	-
Western Tigray	88,329	3,830	2,721	538	79	-	-	-
<b>Afar</b>	38,221	11,777	13,865	36,784	1,694	410	-	-
Zone 1	24,568	7,594	10,090	23,904	868	116	-	-
Zone 3	13,652	4,184	3,775	12,880	826	293	-	-
<b>Amhara</b>	2,875,187	826,701	456,172	214,109	697	-	138	-
North Gonder	552,772	82,537	46,335	20,815	-	-	-	-
South Gonder	319,358	117,140	51,596	9,910	-	-	-	-
North Wolo	266,683	50,831	41,398	34,093	238	-	-	-
South Wolo	380,000	100,873	95,034	58,251	-	-	-	-
North Shewa	316,694	74,368	53,825	55,650	284	-	-	-
East Gojam	364,904	149,775	71,599	16,304	-	-	-	-
West Gojam	362,738	162,983	53,199	7,738	-	-	-	-
Waghamera	90,472	12,565	9,425	7,247	175	-	138	-
Awi	136,138	63,536	30,110	2,638	-	-	-	-
Oromia	79,751	11,508	3,552	1,411	-	-	-	-
Argoba Special	5,675	587	98	52	-	-	-	-
<b>Oromia</b>	3,848,689	1,373,001	489,858	151,120	81	-	-	-
West Wellega	201,527	61,283	19,052	1,530	-	-	-	-
East Wellega	156,900	46,132	14,214	2,824	-	-	-	-
Illubabor	168,902	89,154	28,303	988	-	-	-	-
Jimma	361,555	213,631	52,732	3,949	-	-	-	-
West Shewa	324,815	110,511	60,527	22,182	-	-	-	-
North Shewa	194,605	81,663	57,398	31,552	-	-	-	-
East Shewa	213,868	35,785	17,365	5,354	-	-	-	-
Arsi	306,600	122,597	65,903	31,136	-	-	-	-
West Harerghe	281,538	55,241	6,673	234	-	-	-	-
East Harerghe	403,673	135,599	13,598	1,655	-	-	-	-
Bale	280,036	36,825	16,667	8,176	-	-	-	-
Borena	111,461	50,400	17,118	8,907	81	-	-	-
South West Shewa	217,368	56,348	21,517	4,296	-	-	-	-
Guji	148,955	80,955	30,449	5,588	-	-	-	-
West Arsi	291,340	124,723	38,063	19,053	-	-	-	-
Kelem Wellega	117,236	42,882	17,062	1,464	-	-	-	-
Horoguduru Wellega	68,309	29,272	13,217	2,234	-	-	-	-

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
<b>Somale</b>	54,294	18,827	15,603	26,877	3,845	922	271	-
Shinele	5,152	2,840	1,721	1,592	47	-	-	-
Jijiga	29,751	6,547	5,175	15,525	3,391	922	271	-
Liben	19,388	9,441	8,708	9,760	408	-	-	-
<b>Benshangul-Gumuz</b>	188,893	20,832	6,182	863	-	-	-	-
Metekel	79,370	11,966	3,423	391	-	-	-	-
Asosa	80,665	3,948	1,297	212	-	-	-	-
Kemeshi	17,553	3,153	848	106	-	-	-	-
Mao Komo	11,306	1,765	614	153	-	-	-	-
<b>SNNP</b>	2,208,652	936,196	164,776	33,815	1,593	1,303	-	-
Gurage	202,526	83,171	18,154	1,133	-	-	-	-
Hadiya	172,268	87,931	7,022	758	-	-	-	-
Kembata Tembaro	76,750	41,336	2,385	122	-	-	-	-
Sidama	641,524	143,846	13,882	2,186	-	-	-	-
Gedio	97,768	49,909	7,465	1,191	-	-	-	-
Wolayita	223,817	89,881	700	-	-	-	-	-
South Omo	58,068	30,298	19,886	13,762	1,150	1,303	-	-
Shaka	31,353	11,236	3,040	1,331	-	-	-	-
Kaffa	86,303	87,769	29,040	2,627	166	-	-	-
Gamo Gofa	258,733	85,831	21,662	8,414	276	-	-	-
Bench Maji	66,759	46,569	6,073	321	-	-	-	-
Yem Sp. Wereda	9,102	7,603	1,670	30	-	-	-	-
Amaro Sp. Wereda	26,291	8,719	3,525	498	-	-	-	-
Burji Sp. Wereda	9,341	762	191	13	-	-	-	-
Konso Sp. Wereda	22,946	23,468	7,015	312	-	-	-	-
Derashe Sp. Wereda	24,281	5,070	2,150	468	-	-	-	-
Dawro	43,327	30,511	5,034	68	-	-	-	-
Basketo Sp. Wereda	9,935	5,108	761	21	-	-	-	-
Konta Sp. Wereda	19,263	7,953	910	-	-	-	-	-
Silte	92,975	72,031	12,508	560	-	-	-	-
Alaba Sp. Wereda	35,321	17,196	1,704	-	-	-	-	-
<b>Gambela Region</b>	38,863	3,215	1,871	1,415	113	-	-	-
Angnuwak	12,405	220	25	-	-	-	-	-
Nuware	8,245	953	1,565	1,212	101	-	-	-
Mezhenger	12,655	1,694	80	25	-	-	-	-
Itang Special	5,559	348	200	178	12	-	-	-
<b>Harari</b>	18,651	1,954	137	28	-	-	-	-
Hundene	18,651	1,954	137	28	-	-	-	-
<b>Dire Dawa</b>	10,400	8,983	2,777	1,176	-	-	-	-

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
<b>Ethiopia</b>	11,218,434	2,332,331	981,936	533,298	17,391	3,570	1,426	73
<b>Tigray</b>	640,094	109,178	118,638	107,406	1,032	281	-	-
North West Tigray	100,425	22,407	29,015	44,295	649	199	-	-
Central Tigray	163,778	40,918	44,545	32,940	-	-	-	-
Eastern Tigray	126,824	11,341	10,034	6,420	-	-	-	-
Southern Tigray	195,726	18,384	21,263	11,969	-	-	-	-
Western Tigray	53,340	16,128	13,782	11,783	382	82	-	-
<b>Afar</b>	19,098	11,061	13,850	53,111	5,270	361	-	-
Zone 1	13,235	6,537	9,927	34,001	3,218	222	-	-
Zone 3	5,862	4,524	3,923	19,110	2,052	139	-	-
<b>Amhara</b>	3,389,681	562,092	298,664	121,813	488	266	-	-
North Gonder	506,101	104,096	60,594	31,668	-	-	-	-
South Gonder	396,070	55,483	37,689	8,762	-	-	-	-
North Wolo	262,557	73,409	40,033	17,244	-	-	-	-
South Wolo	453,583	123,978	44,176	12,421	-	-	-	-
North Shewa	360,035	86,640	41,868	12,278	-	-	-	-
East Gojam	539,128	33,833	23,685	5,936	-	-	-	-
West Gojam	531,127	32,484	16,079	6,968	-	-	-	-
Waghamera	64,465	19,133	15,997	19,683	478	266	-	-
Awi	205,786	16,122	8,417	2,097	-	-	-	-
Oromia	67,601	15,524	8,813	4,284	-	-	-	-
Argoba Special	3,226	1,390	1,314	472	10	-	-	-
<b>Oromia</b>	4,293,609	1,032,624	384,605	149,741	1,975	195	-	-
West Wellega	247,800	21,026	12,037	2,529	-	-	-	-
East Wellega	179,225	29,094	9,619	2,132	-	-	-	-
Illubabor	232,659	43,188	9,624	1,876	-	-	-	-
Jimma	526,760	86,843	17,864	400	-	-	-	-
West Shewa	442,986	44,517	20,396	10,136	-	-	-	-
North Shewa	315,922	30,630	13,193	5,473	-	-	-	-
East Shewa	196,581	39,531	23,433	12,359	468	-	-	-
Arsi	416,178	66,533	26,562	16,274	689	-	-	-
West Harerghe	161,252	126,866	43,643	11,925	-	-	-	-
East Harerghe	242,432	242,972	56,976	12,145	-	-	-	-
Bale	209,501	69,457	40,260	22,486	-	-	-	-
Borena	86,256	39,012	31,572	30,113	819	195	-	-
South West Shewa	235,607	46,221	15,438	2,263	-	-	-	-
Guji	179,741	45,671	29,186	11,349	-	-	-	-
West Arsi	379,786	65,426	21,806	6,161	-	-	-	-
Kelem Wellega	155,639	18,448	4,297	260	-	-	-	-
Horoguduru Wellega	85,283	17,190	8,699	1,860	-	-	-	-

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
<b>Somale</b>	32,805	19,713	22,358	41,357	3,467	939	-	-
Shinele	1,899	1,639	2,296	4,598	666	254	-	-
Jijiga	20,696	11,245	11,226	17,195	877	343	-	-
Liben	10,210	6,830	8,836	19,564	1,924	341	-	-
<b>Benshangul-Gumuz</b>	140,437	37,855	25,839	12,524	115	-	-	-
Metekel	64,745	14,068	11,331	5,006	-	-	-	-
Asosa	54,670	16,177	9,495	5,665	115	-	-	-
Kemeshi	12,219	4,634	3,364	1,443	-	-	-	-
Mao Komo	8,802	2,976	1,649	411	-	-	-	-
<b>SNNP</b>	2,656,696	537,355	105,659	38,621	4,977	1,528	1,426	73
Gurage	264,927	33,204	5,411	1,442	-	-	-	-
Hadiya	215,194	44,978	7,807	-	-	-	-	-
Kembata Tembaro	104,276	15,280	1,037	-	-	-	-	-
Sidama	704,625	84,391	11,793	629	-	-	-	-
Gedio	152,837	2,894	433	169	-	-	-	-
Wolayita	266,638	44,617	3,143	-	-	-	-	-
South Omo	71,655	13,424	10,353	21,268	4,740	1,528	1,426	73
Shaka	41,216	4,556	1,027	161	-	-	-	-
Kaffa	131,283	61,799	11,870	953	-	-	-	-
Gamo Gofa	276,183	80,276	16,875	1,582	-	-	-	-
Bench Maji	91,842	23,229	3,901	750	-	-	-	-
Yem Sp. Wereda	11,288	5,082	1,898	137	-	-	-	-
Amaro Sp. Wereda	22,562	9,878	5,048	1,545	-	-	-	-
Burji Sp. Wereda	5,620	2,283	1,538	866	-	-	-	-
Konso Sp. Wereda	18,806	21,523	7,053	6,220	139	-	-	-
Derashe Sp. Wereda	16,532	9,674	3,626	2,038	99	-	-	-
Dawro	57,524	17,874	3,471	71	-	-	-	-
Basketo Sp. Wereda	13,478	1,939	356	52	-	-	-	-
Konta Sp. Wereda	21,751	6,010	365	-	-	-	-	-
Silte	134,084	37,464	5,892	634	-	-	-	-
Alaba Sp. Wereda	34,374	16,981	2,762	104	-	-	-	-
<b>Gambela Region</b>	34,909	4,447	3,206	2,903	12	-	-	-
Angnuwak	10,627	1,203	623	197	-	-	-	-
Nware	5,695	2,034	1,973	2,362	12	-	-	-
Mezhenger	13,747	644	63	-	-	-	-	-
Itang Special	4,838	566	548	345	-	-	-	-
<b>Harari</b>	8,141	9,757	2,644	228	-	-	-	-
Hundene	8,141	9,757	2,644	228	-	-	-	-
<b>Dire Dawa</b>	2,966	8,248	6,472	5,595	55	-	-	-

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
<b>Ethiopia</b>	13,803,510	1,141,052	121,198	21,550	1,149	10,615,287	4,139,726	305,846	26,982	618
<b>Tigray</b>	974,849	1,780	-	-	-	579,287	366,839	29,503	1,000	-
North West Tigray	196,990	-	-	-	-	111,781	79,707	5,502	-	-
Central Tigray	281,941	240	-	-	-	173,965	101,989	6,227	-	-
Eastern Tigray	154,465	154	-	-	-	90,544	59,100	4,975	-	-
Southern Tigray	246,229	1,113	-	-	-	145,261	92,507	8,574	1,000	-
Western Tigray	95,224	273	-	-	-	57,735	33,536	4,226	-	-
<b>Afar</b>	102,615	136	-	-	-	74,551	20,303	6,704	1,193	-
Zone 1	67,004	136	-	-	-	51,607	12,099	3,023	411	-
Zone 3	35,610	-	-	-	-	22,943	8,204	3,681	782	-
<b>Amhara</b>	4,071,133	277,428	23,685	758	-	2,752,187	1,513,216	99,871	7,730	-
North Gonder	685,384	15,750	901	424	-	444,414	245,944	11,562	539	-
South Gonder	476,483	20,875	323	323	-	330,646	156,518	10,130	710	-
North Wolo	364,891	27,196	1,156	-	-	233,449	148,723	10,471	600	-
South Wolo	571,337	61,234	1,587	-	-	381,051	239,316	12,932	859	-
North Shewa	467,649	29,644	3,528	-	-	251,387	230,048	18,546	840	-
East Gojam	535,299	58,802	8,481	-	-	389,250	192,019	18,294	3,019	-
West Gojam	563,456	22,013	1,189	-	-	399,716	178,428	7,693	821	-
Waghamera	119,811	211	-	-	-	67,650	47,150	4,878	344	-
Awi	184,336	41,566	6,520	-	-	185,358	43,638	3,426	-	-
Oromia	96,097	125	-	-	-	65,294	29,006	1,922	-	-
Argoba Special	6,392	10	-	10	-	3,968	2,426	18	-	-
<b>Oromia</b>	5,176,202	578,542	87,458	19,398	1,149	3,997,594	1,700,042	149,828	14,727	558
West Wellega	281,702	1,506	184	-	-	207,348	68,265	7,462	317	-
East Wellega	218,122	1,153	795	-	-	157,056	57,749	5,105	160	-
Illubabor	260,771	22,716	3,022	838	-	267,111	18,950	1,137	149	-
Jimma	574,922	50,829	3,476	2,640	-	567,923	63,601	343	-	-
West Shewa	421,284	77,356	17,481	1,914	-	382,000	122,906	12,218	911	-
North Shewa	294,341	63,371	7,259	247	-	207,150	142,194	13,995	1,879	-
East Shewa	262,988	8,763	405	216	-	130,780	118,048	19,573	3,755	216
Arsi	395,993	114,216	14,876	1,151	-	288,115	216,109	19,062	2,609	341
West Harerghe	342,204	1,482	-	-	-	180,832	159,287	3,319	248	-
East Harerghe	552,636	1,889	-	-	-	324,352	223,767	6,406	-	-
Bale	301,675	32,872	4,587	2,570	-	193,953	131,841	14,700	1,210	-
Borena	187,434	533	-	-	-	142,690	38,571	5,584	1,122	-
South West Shewa	257,815	40,438	1,276	-	-	183,546	106,947	8,796	240	-
Guji	191,311	57,892	13,156	3,588	-	210,395	48,442	6,916	194	-
West Arsi	364,756	86,038	17,508	3,920	957	330,149	123,442	18,017	1,571	-
Kelem Wellega	172,667	5,153	689	135	-	150,352	27,117	1,175	-	-
Horoguduru Wellega	95,582	12,336	2,743	2,179	192	73,847	32,804	6,019	362	-

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
<b>Somale</b>	120,581	58	-	-	-	55,483	58,302	6,276	578	-
Shinele	11,352	-	-	-	-	6,607	4,104	610	31	-
Jijiga	61,582	-	-	-	-	28,696	30,551	2,255	80	-
Liben	47,647	58	-	-	-	20,181	23,648	3,410	466	-
<b>Benshangul-Gumuz</b>	215,076	1,422	272	-	-	167,209	46,149	3,014	398	-
Metekel	93,456	1,422	272	-	-	70,006	23,477	1,331	336	-
Asosa	86,122	-	-	-	-	66,978	17,592	1,552	-	-
Kemeshi	21,660	-	-	-	-	18,152	3,356	110	42	-
Mao Komo	13,838	-	-	-	-	12,074	1,724	21	19	-
<b>SNNP</b>	3,054,188	280,993	9,759	1,395	-	2,918,451	416,865	9,610	1,348	61
Gurage	253,917	50,798	269	-	-	246,120	56,906	1,702	256	-
Hadiya	240,634	26,353	992	-	-	197,575	68,883	1,521	-	-
Kembata Tembaro	114,241	6,235	117	-	-	98,490	22,103	-	-	-
Sidama	753,016	47,930	492	-	-	730,367	70,458	-	613	-
Gedio	139,983	15,154	1,111	85	-	151,249	4,915	169	-	-
Wolayita	314,158	240	-	-	-	284,986	29,156	256	-	-
South Omo	116,010	7,127	1,330	-	-	116,579	5,013	2,502	312	61
Shaka	41,711	4,534	657	58	-	43,929	3,031	-	-	-
Kaffa	155,395	46,288	3,388	834	-	205,098	807	-	-	-
Gamo Gofa	348,824	25,312	488	292	-	335,880	38,463	573	-	-
Bench Maji	110,687	8,827	208	-	-	119,138	481	103	-	-
Yem Sp. Wereda	17,665	740	-	-	-	15,598	2,782	25	-	-
Amaro Sp. Wereda	36,423	2,438	115	57	-	35,443	3,590	-	-	-
Burji Sp. Wereda	10,307	-	-	-	-	7,292	2,887	116	12	-
Konso Sp. Wereda	53,741	-	-	-	-	48,874	4,569	298	-	-
Derashe Sp. Wereda	31,601	330	38	-	-	22,282	9,156	531	-	-
Dawro	73,058	5,608	206	68	-	77,375	1,565	-	-	-
Basketo Sp. Wereda	15,508	317	-	-	-	15,244	564	17	-	-
Konta Sp. Wereda	26,538	1,588	-	-	-	27,886	240	-	-	-
Silte	148,794	28,933	347	-	-	110,010	66,641	1,268	155	-
Alaba Sp. Wereda	51,982	2,239	-	-	-	29,037	24,655	529	-	-
<b>Gambela Region</b>	44,815	662	-	-	-	45,303	149	25	-	-
Angnuwak	12,650	-	-	-	-	12,549	76	25	-	-
Nware	12,076	-	-	-	-	12,076	-	-	-	-
Mezhenger	13,792	662	-	-	-	14,381	73	-	-	-
Itang Special	6,297	-	-	-	-	6,297	-	-	-	-
<b>Harari</b>	20,715	31	24	-	-	12,787	7,808	175	-	-
Hundene	20,715	31	24	-	-	12,787	7,808	175	-	-
<b>Dire Dawa</b>	23,336	-	-	-	-	12,435	10,053	840	8	-

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
<b>Ethiopia</b>	14,751,387	331,757	4,209	1,038	68	14,872,577	127,416	30,561	31,068	26,535
<b>Tigray</b>	972,915	3,714	-	-	-	955,587	19,035	595	1,191	221
North West Tigray	196,588	402	-	-	-	188,738	8,252	-	-	-
Central Tigray	281,529	652	-	-	-	280,175	2,006	-	-	-
Eastern Tigray	154,103	516	-	-	-	154,619	-	-	-	-
Southern Tigray	245,891	1,451	-	-	-	242,482	2,853	595	1,191	221
Western Tigray	94,804	693	-	-	-	89,573	5,924	-	-	-
<b>Afar</b>	102,452	299	-	-	-	64,804	16,147	4,405	8,173	9,222
Zone 1	67,140	-	-	-	-	41,018	14,161	2,741	5,369	3,851
Zone 3	35,311	299	-	-	-	23,786	1,986	1,663	2,804	5,371
<b>Amhara</b>	4,246,831	124,716	1,457	-	-	4,333,153	37,161	2,002	590	98
North Gonder	692,211	10,248	-	-	-	701,586	873	-	-	-
South Gonder	480,383	17,621	-	-	-	497,674	330	-	-	-
North Wolo	382,613	10,630	-	-	-	381,675	11,324	244	-	-
South Wolo	607,603	26,555	-	-	-	620,772	12,764	311	311	-
North Shewa	488,763	12,058	-	-	-	493,869	5,641	1,031	280	-
East Gojam	589,575	12,168	839	-	-	602,582	-	-	-	-
West Gojam	565,309	20,937	412	-	-	586,658	-	-	-	-
Waghamera	115,367	4,655	-	-	-	120,022	-	-	-	-
Awi	222,371	9,845	206	-	-	232,422	-	-	-	-
Oromia	96,222	-	-	-	-	89,940	5,868	316	-	98
Argoba Special	6,412	-	-	-	-	5,950	362	100	-	-
<b>Oromia</b>	5,725,736	133,950	2,025	1,038	-	5,786,820	40,493	16,592	11,795	7,049
West Wellega	278,663	4,521	208	-	-	283,392	-	-	-	-
East Wellega	216,242	3,828	-	-	-	220,070	-	-	-	-
Illubabor	277,534	9,648	165	-	-	287,347	-	-	-	-
Jimma	613,062	17,721	542	542	-	631,867	-	-	-	-
West Shewa	509,503	8,532	-	-	-	518,035	-	-	-	-
North Shewa	360,796	4,422	-	-	-	365,218	-	-	-	-
East Shewa	266,126	6,246	-	-	-	269,595	1,884	261	371	261
Arsi	506,584	19,652	-	-	-	517,971	2,066	2,066	2,411	1,722
West Harerghe	341,030	2,656	-	-	-	333,163	6,270	2,768	585	900
East Harerghe	552,088	2,437	-	-	-	541,835	6,083	3,023	2,026	1,558
Bale	319,702	21,398	604	-	-	324,547	12,850	2,457	1,632	218
Borena	184,680	3,162	-	125	-	168,083	9,877	5,215	2,794	1,998
South West Shewa	295,239	4,290	-	-	-	299,529	-	-	-	-
Guji	253,987	11,164	426	370	-	261,315	1,463	802	1,976	391
West Arsi	466,336	6,843	-	-	-	473,179	-	-	-	-
Kelem Wellega	174,338	4,306	-	-	-	178,644	-	-	-	-
Horoguduru Wellega	109,827	3,125	80	-	-	113,032	-	-	-	-

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
<b>Somale</b>	120,405	234	-	-	-	83,662	12,161	6,018	8,960	9,838
Shinele	11,352	-	-	-	-	8,481	1,527	627	471	246
Jijiga	61,494	88	-	-	-	46,673	6,116	2,198	3,629	2,966
Liben	47,559	146	-	-	-	28,507	4,519	3,194	4,859	6,626
<b>Benshangul-Gumuz</b>	215,129	1,641	-	-	-	216,770	-	-	-	-
Metekel	93,679	1,471	-	-	-	95,150	-	-	-	-
Asosa	86,023	99	-	-	-	86,122	-	-	-	-
Kemeshi	21,631	29	-	-	-	21,660	-	-	-	-
Mao Komo	13,796	42	-	-	-	13,838	-	-	-	-
<b>SNNP</b>	3,278,386	67,154	727	-	68	3,345,91	61	61	-	-
Gurage	301,716	3,268	-	-	-	304,984	-	-	-	-
Hadiya	258,897	9,082	-	-	-	267,979	-	-	-	-
Kembata Tembaro	119,539	1,054	-	-	-	120,593	-	-	-	-
Sidama	793,382	8,056	-	-	-	801,438	-	-	-	-
Gedio	152,993	3,172	168	-	-	156,333	-	-	-	-
Wolayita	312,574	1,824	-	-	-	314,398	-	-	-	-
South Omo	121,028	3,155	284	-	-	124,345	61	61	-	-
Shaka	46,245	715	-	-	-	46,960	-	-	-	-
Kaffa	194,308	11,597	-	-	-	205,905	-	-	-	-
Gamo Gofa	362,927	11,713	276	-	-	374,916	-	-	-	-
Bench Maji	117,945	1,777	-	-	-	119,420	-	-	-	-
Yem Sp. Wereda	18,291	114	-	-	-	18,405	-	-	-	-
Amaro Sp. Wereda	37,051	1,982	-	-	-	39,033	-	-	-	-
Burji Sp. Wereda	10,244	63	-	-	-	10,307	-	-	-	-
Konso Sp. Wereda	53,646	95	-	-	-	53,741	-	-	-	-
Derashe Sp. Wereda	31,616	353	-	-	-	31,969	-	-	-	-
Dawro	73,225	5,647	-	-	68	78,940	-	-	-	-
Basketo Sp. Wereda	15,307	518	-	-	-	15,825	-	-	-	-
Konta Sp. Wereda	27,375	751	-	-	-	28,126	-	-	-	-
Silte	176,105	1,969	-	-	-	178,074	-	-	-	-
Alaba Sp. Wereda	53,972	249	-	-	-	54,221	-	-	-	-
<b>Gambela Region</b>	45,429	48	-	-	-	45,477	-	-	-	-
Angnuwak	12,650	-	-	-	-	12,650	-	-	-	-
Nuware	12,076	-	-	-	-	12,076	-	-	-	-
Mezhenger	14,406	48	-	-	-	14,454	-	-	-	-
Itang Special	6,297	-	-	-	-	6,297	-	-	-	-
<b>Harari</b>	20,770	-	-	-	-	20,217	279	102	147	25
Hundene	20,770	-	-	-	-	20,217	279	102	147	25
<b>Dire Dawa</b>	23,336	-	-	-	-	20,179	2,077	786	212	82

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
<b>Ethiopia</b>	6,903,387	6,792,269	1,390,987	1,816	-	-
<b>Tigray</b>	273,004	516,944	186,482	199	-	-
North West Tigray	48,883	88,917	58,991	199	-	-
Central Tigray	69,238	166,932	46,011	-	-	-
Eastern Tigray	39,871	94,074	20,674	-	-	-
Southern Tigray	87,912	126,335	33,095	-	-	-
Western Tigray	27,098	40,687	27,712	-	-	-
<b>Afar</b>	95,289	4,853	2,578	31	-	-
Zone 1	66,809	190	141	-	-	-
Zone 3	28,479	4,663	2,437	31	-	-
<b>Amhara</b>	1,597,682	2,354,232	420,617	473	-	-
North Gonder	181,562	381,667	138,757	473	-	-
South Gonder	163,662	291,541	42,801	-	-	-
North Wolo	94,403	265,058	33,782	-	-	-
South Wolo	209,578	400,031	24,549	-	-	-
North Shewa	181,178	287,645	31,998	-	-	-
East Gojam	373,269	209,395	19,918	-	-	-
West Gojam	224,373	282,370	79,915	-	-	-
Waghamera	39,214	62,315	18,493	-	-	-
Awi	82,737	128,399	21,286	-	-	-
Oromia	45,960	42,155	8,107	-	-	-
Argoba Special	1,747	3,656	1,009	-	-	-
<b>Oromia</b>	2,906,420	2,450,023	505,910	396	-	-
West Wellega	102,116	131,085	50,191	-	-	-
East Wellega	94,683	95,585	29,802	-	-	-
Iubbabor	120,379	132,825	33,904	239	-	-
Jimma	334,921	257,045	39,901	-	-	-
West Shewa	264,020	212,810	41,205	-	-	-
North Shewa	180,872	168,474	15,872	-	-	-
East Shewa	130,957	109,527	31,888	-	-	-
Arsi	265,307	215,310	45,619	-	-	-
West Harerghe	157,793	149,505	36,388	-	-	-
East Harerghe	238,734	281,729	34,062	-	-	-
Bale	224,671	95,758	21,275	-	-	-
Borena	95,542	74,750	17,675	-	-	-
South West Shewa	141,275	134,995	23,259	-	-	-
Guji	152,043	99,460	14,444	-	-	-
West Arsi	290,992	157,003	25,184	-	-	-
Kelem Wellega	63,501	84,205	30,781	157	-	-
Horoguduru Wellega	48,615	49,958	14,459	-	-	-

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
<b>Somale</b>	101,179	16,217	3,243	-	-	-
Shinele	10,514	731	107	-	-	-
Jijiga	58,674	2,263	645	-	-	-
Liben	31,991	13,224	2,490	-	-	-
<b>Benshangul-Gumuz</b>	78,707	91,242	46,619	202	-	-
Metekel	28,272	44,099	22,709	70	-	-
Asosa	37,060	32,498	16,449	115	-	-
Kemeshi	7,751	8,719	5,190	-	-	-
Mao Komo	5,622	5,926	2,272	18	-	-
<b>SNNP</b>	1,811,088	1,324,32	210,846	78	-	-
Gurage	141,327	154,248	9,409	-	-	-
Hadiya	126,532	121,340	20,107	-	-	-
Kembata Tembaro	61,644	52,916	6,033	-	-	-
Sidama	516,346	261,273	23,819	-	-	-
Gedio	115,527	38,544	2,262	-	-	-
Wolayita	191,999	105,654	16,745	-	-	-
South Omo	61,088	42,859	20,442	78	-	-
Shaka	19,340	23,346	4,274	-	-	-
Kaffa	69,263	111,343	25,299	-	-	-
Gamo Gofa	229,604	121,393	23,919	-	-	-
Bench Maji	45,497	58,056	16,169	-	-	-
Yem Sp. Wereda	9,072	8,682	651	-	-	-
Amaro Sp. Wereda	22,183	13,160	3,690	-	-	-
Burji Sp. Wereda	6,400	3,204	703	-	-	-
Konso Sp. Wereda	23,564	24,406	5,771	-	-	-
Derashe Sp. Wereda	14,623	13,076	4,270	-	-	-
Dawro	40,524	32,176	6,240	-	-	-
Basketo Sp. Wereda	9,288	5,394	1,143	-	-	-
Konta Sp. Wereda	12,944	12,127	3,055	-	-	-
Silte	70,071	95,246	12,757	-	-	-
Alaba Sp. Wereda	24,254	25,879	4,088	-	-	-
<b>Gambela Region</b>	20,667	12,330	12,080	400	-	-
Angnuwak	5,130	3,146	4,337	37	-	-
Nuware	4,729	2,805	4,414	128	-	-
Mezhenger	7,853	5,292	1,282	27	-	-
Itang Special	2,956	1,087	2,046	208	-	-
<b>Harari</b>	12,355	7,505	872	38	-	-
Hundene	12,355	7,505	872	38	-	-
<b>Dire Dawa</b>	6,997	14,599	1,740	-	-	-

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
<b>Ethiopia</b>	100	58.56	29.37	0.27	6.54	0.98	4.16
<b>Tigray</b>	100	37.74	42.34	0.31	14.47	1.03	4.08
North West Tigray	100	47.69	30.6	0.63	14.52	0.78	5.78
Central Tigray	100	30.36	50.15	0.34	15.87	1.23	2
Eastern Tigray	100	29.45	51.05	0.04	13.06	0.63	5.77
Southern Tigray	100	36.65	46.32	0.24	12.08	1.21	3.49
Western Tigray	100	52.5	22.58	0.18	18.39	1.11	5.24
<b>Afar</b>	100	89.78	4.94	0.15	2.25	1.57	0.96
Zone 1	100	89.92	6.58	0.09	1.42	1.39	0.06
Zone 3	100	89.5	1.82	0.27	3.82	1.91	2.68
<b>Amhara</b>	100	41.05	39.09	0.27	13.94	0.63	4.68
North Gonder	100	43.09	34.99	0.11	19.1	1.02	1.69
South Gonder	100	32.64	44.64	0.09	18.12	0.94	3.55
North Wolo	100	34.11	43.98	0.13	15.14	0.34	6.3
South Wolo	100	33.79	43.44	1.05	16.69	0.14	4.83
North Shewa	100	40.71	39.42	0.12	14.52	1.17	4.04
East Gojam	100	44.6	43.94	0.27	4.87	0.18	6.1
West Gojam	100	46.72	34.53	0.05	9.96	0.81	5.6
Waghamera	100	41.51	35.95	0.06	15.37	0.49	6.61
Awi	100	57.96	23.48	0.12	10.65	0.51	7.25
Oromia	100	50.41	29.26	0.23	15.25	0.24	4.58
Argoba Special	100	47.21	35.18	0.06	14.55	0.05	2.95
<b>Oromia</b>	100	66.62	25.12	0.21	2.65	1.15	4.2
West Wellega	100	86.88	7.57	0.05	0.06	0.4	5.03
East Wellega	100	85.5	9.58	*	1.29	0.18	3.45
Illubabor	100	88.73	8.31	0.17	0.02	0.11	2.66
Jimma	100	87.42	9.56	*	0.11	0.24	2.67
West Shewa	100	73.26	19.37	0.09	3.43	0.53	3.31
North Shewa	100	48.44	29.02	0.35	17.75	1.02	2.89
East Shewa	100	44.89	42.73	0.25	1.53	3.68	6.93
Arsi	100	57	35.91	0.11	1.43	1.72	3.83
West Harerghe	100	39.35	46.12	0.17	2.14	0.73	11.45
East Harerghe	100	33.07	54.08	1.2	2.78	2.51	6.37
Bale	100	79.91	16.53	0.07	0.86	1.27	1.36
Borena	100	82.42	10.24	0.1	1.72	1.31	4.18
South West Shewa	100	61.44	28.59	0.03	3.7	1.25	4.94
Guji	100	73.16	18.61	0.07	2.71	1.04	4.33
West Arsi	100	73.91	21.41	0.08	1.41	1.55	1.64
Kelem Wellega	100	84.12	11.63	0.04	0.4	0.52	3.28
Horoguduru Wellega	100	78.04	16.74	0.06	1.24	0.15	3.77

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somale</b>	100	80.99	16.08	0.15	0.46	0.86	1.3
Shinele	100	89.59	6.9	0.02	0.13	1.31	2.05
Jijiga	100	72.52	25.77	0.27	0.36	0.06	0.8
Liben	100	90.03	5.59	0.02	0.66	1.81	1.77
<b>Benshangul-Gumuz</b>	100	81.68	9.16	0.09	1.9	0.89	6.26
Metekel	100	79.86	12.35	0.03	3.19	0.79	3.75
Asosa	100	81.02	7.58	0.19	0.94	1.14	9.11
Kemeshi	100	91.17	1.73	-	0.22	0.28	6.6
Mao Komo	100	85.51	4.89	0.07	0.04	1.03	8.46
<b>SNNP</b>	100	69.62	23.14	0.35	2.24	1.06	3.57
Gurage	100	64.51	25.34	0.35	6.71	1.21	1.86
Hadiya	100	59.4	28.59	0.39	3.55	1.11	6.91
Kembata Tembaro	100	49.75	34.71	2.15	3.33	1.9	8.17
Sidama	100	69.66	24.68	0.56	0.3	1.2	3.59
Gedio	100	80.95	15.05	0.03	0.46	0.5	2.86
Wolayita	100	69.95	18.9	0.13	3.05	2.25	5.64
South Omo	100	80.38	15.15	0.43	0.11	0.25	3.68
Shaka	100	93.66	3.87	0.03	-	1.98	0.47
Kaffa	100	93.58	4.74	0.05	0.02	1.14	0.47
Gamo Gofa	100	67.99	28.17	0.01	2.23	0.05	1.56
Bench Maji	100	90.22	7.39	*	0.01	1.9	0.47
Yem Sp. Wereda	100	75.33	17.94	0.06	3.26	0.02	3.4
Amaro Sp. Wereda	100	66.5	30	-	1.76	0.17	1.58
Burji Sp. Wereda	100	68.03	28.19	0.02	1.11	0.57	2.08
Konso Sp. Wereda	100	58.68	32.57	0.23	1.47	-	7.05
Derashe Sp. Wereda	100	64.64	31.26	-	-	0.76	3.03
Dawro	100	79.34	12.78	0.08	2.22	1.18	4.4
Basketo Sp. Wereda	100	67.39	27.93	0.65	0.47	0.21	3.35
Konta Sp. Wereda	100	81.59	11.74	0.06	0.44	-	6.17
Silte	100	52.27	36.32	0.31	5.45	0.73	4.93
Alaba Sp. Wereda	100	51.25	40.26	0.63	6.28	0.21	1.38
<b>Gambela Region</b>	100	97.27	2.31	-	0.02	0.25	0.08
Angnuwak	100	97.37	1.84	-	-	0.22	0.14
Nware	100	99.98	0.02	-	-	-	-
Mezhenger	100	92.47	6.56	-	0.06	0.71	0.19
Itang Special	100	99.99	0.01	-	-	-	-
<b>Harari</b>	100	30.66	48.31	2.2	1.76	9.66	6.85
Hundene	100	30.66	48.31	2.2	1.76	9.66	6.85
<b>Dire Dawa</b>	100	69.81	23.81	0.51	0.12	2.74	3.01

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
<b>Ethiopia</b>	13,012,645	11,124,703	201,243	4,045,778	1,046,053	4,187,533
<b>Tigray</b>	815,193	778,992	9,240	617,350	76,422	203,270
North West Tigray	171,130	166,747	4,562	137,482	17,848	61,290
Central Tigray	230,628	225,767	2,025	182,183	19,955	34,568
Eastern Tigray	124,144	119,272	504	92,520	5,820	32,342
Southern Tigray	206,218	193,649	1,402	137,736	24,505	52,808
Western Tigray	83,073	73,557	747	67,429	8,294	22,263
<b>Afar</b>	99,891	24,744	686	5,524	4,939	2,860
Zone 1	65,873	23,343	363	2,670	2,697	435
Zone 3	34,018	1,401	323	2,854	2,241	2,426
<b>Amhara</b>	3,704,544	3,578,246	49,579	2,288,919	236,101	1,357,279
North Gonder	602,938	557,278	3,936	433,663	54,768	58,975
South Gonder	433,855	428,987	2,181	314,319	43,715	104,751
North Wolo	305,518	318,825	2,718	202,047	3,403	60,442
South Wolo	529,641	535,802	27,632	378,959	4,590	118,677
North Shewa	420,784	394,200	1,878	284,635	67,370	219,670
East Gojam	519,329	507,278	7,568	137,048	7,727	335,895
West Gojam	505,568	484,362	1,595	287,687	40,275	327,517
Waghamera	100,823	97,756	140	87,878	2,455	10,924
Awi	202,365	178,548	1,300	111,292	10,392	103,762
Oromia	77,864	69,989	612	48,190	1,389	16,260
Argoba Special	5,859	5,222	19	3,201	18	407
<b>Oromia</b>	5,047,628	4,053,562	60,196	744,809	426,247	1,602,749
West Wellega	224,812	93,704	544	1,245	4,805	78,756
East Wellega	191,669	105,648	155	10,792	3,456	57,847
Illubabor	245,861	138,133	1,247	178	2,063	89,405
Jimma	570,308	330,639	401	5,631	10,628	168,588
West Shewa	454,738	375,212	4,052	101,282	23,444	177,413
North Shewa	321,106	303,898	8,758	272,946	35,252	131,508
East Shewa	215,951	207,579	2,446	20,078	58,706	73,399
Arsi	471,064	452,166	3,321	46,201	67,025	139,641
West Harerghe	294,685	319,506	2,549	35,103	12,667	171,736
East Harerghe	440,142	519,927	28,676	77,035	71,541	193,529
Bale	302,910	219,453	1,525	16,402	25,176	31,028
Borena	166,343	71,680	796	13,717	10,482	39,287
South West Shewa	255,180	227,964	878	60,302	27,329	88,703
Guji	229,578	168,597	642	33,264	16,015	63,443
West Arsi	421,001	363,635	3,203	39,208	51,463	32,519
Kelem Wellega	138,462	72,970	518	2,517	4,647	33,117
Horoguduru Wellega	103,817	82,850	485	8,908	1,548	32,830

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somale</b>	116,007	66,691	541	3,338	3,851	10,434
Shinele	10,695	4,030	51	179	662	1,724
Jijiga	59,688	52,009	410	1,794	464	4,283
Liben	45,624	10,652	80	1,365	2,725	4,427
<b>Benshangul-Gumuz</b>	168,833	81,055	1,389	24,067	9,472	45,864
Metekel	82,088	52,443	211	18,864	5,321	14,166
Asosa	60,277	23,591	1,115	4,826	3,424	21,209
Kemeshi	16,034	1,457	-	314	129	5,625
Mao Komo	10,433	3,563	63	63	598	4,864
<b>SNNP</b>	2,996,308	2,498,680	76,521	359,851	273,621	952,983
Gurage	282,704	259,248	9,940	97,675	27,310	64,612
Hadiya	254,327	243,855	6,897	46,277	19,695	122,218
Kembata Tembaro	113,359	108,458	19,097	16,610	17,978	74,691
Sidama	683,159	610,363	27,774	16,551	66,986	200,017
Gedio	104,868	70,675	141	1,821	5,313	30,758
Wolayita	292,021	264,403	3,804	55,122	57,025	203,975
South Omo	109,097	76,809	1,113	601	1,831	20,291
Shaka	38,397	14,195	74	-	8,247	2,607
Kaffa	198,028	65,750	617	424	30,139	12,698
Gamo Gofa	347,549	314,726	265	35,543	911	55,357
Bench Maji	107,142	49,115	109	230	21,614	5,679
Yem Sp. Wereda	17,073	15,904	58	4,761	29	6,632
Amaro Sp. Wereda	36,147	33,620	-	3,142	154	5,824
Burji Sp. Wereda	8,974	8,511	17	654	225	1,462
Konso Sp. Wereda	46,371	43,417	183	4,965	-	25,659
Derashe Sp. Wereda	25,349	21,748	-	-	622	7,694
Dawro	75,302	62,167	527	11,348	5,555	46,105
Basketo Sp. Wereda	12,700	11,886	393	286	145	2,231
Konta Sp. Wereda	26,811	16,549	42	705	-	13,793
Silte	166,715	157,881	3,694	47,263	8,682	43,937
Alaba Sp. Wereda	50,216	49,401	1,776	15,872	1,161	6,742
<b>Gambela Region</b>	26,913	2,861	-	27	650	194
Angnuwak	4,015	336	-	-	39	36
Nuware	11,463	21	-	-	-	-
Mezhenger	8,314	2,473	-	27	611	158
Itang Special	3,120	31	-	-	-	-
<b>Harari</b>	15,677	19,242	2,343	1,812	9,175	8,184
Hundene	15,677	19,242	2,343	1,812	9,175	8,184
<b>Dire Dawa</b>	21,651	20,630	749	82	5,576	3,715

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
<b>Ethiopia</b>	5,090,470	231,354	3,809,607	3,545,267	277,298
<b>Tigray</b>	110,692	4,258	508,303	190,106	1,833
North West Tigray	9,733	1,124	128,344	31,504	426
Central Tigray	43,845	1,402	104,403	80,292	686
Eastern Tigray	44,353	1,133	61,896	16,040	722
Southern Tigray	9,756	449	147,574	48,439	-
Western Tigray	3,005	150	66,087	13,832	-
<b>Afar</b>	1,360	653	94,199	2,277	275
Zone 1	413	254	63,210	1,176	-
Zone 3	947	398	30,989	1,101	275
<b>Amhara</b>	923,767	46,725	1,487,136	1,166,293	50,972
North Gonder	88,281	2,297	347,937	162,160	2,264
South Gonder	44,401	1,075	241,250	133,884	2,158
North Wolo	161,561	10,094	67,171	62,529	907
South Wolo	292,550	18,093	88,136	127,930	2,931
North Shewa	192,984	10,513	86,108	93,958	37,221
East Gojam	43,502	2,078	243,715	213,857	2,435
West Gojam	39,317	423	240,957	222,641	1,782
Waghamera	12,713	342	71,593	16,046	128
Awi	12,162	1,125	79,818	108,628	632
Oromia	33,098	574	20,016	22,544	514
Argoba Special	3,200	111	434	2,115	-
<b>Oromia</b>	2,239,414	145,878	1,189,851	1,293,443	166,612
West Wellega	45,335	902	105,986	70,187	2,401
East Wellega	34,939	4,660	50,614	96,037	4,312
Illubabor	91,080	902	69,320	72,235	5,706
Jimma	272,688	5,902	110,148	157,177	24,393
West Shewa	234,877	34,756	67,796	73,932	42,758
North Shewa	173,440	40,499	23,858	65,196	16,597
East Shewa	71,293	5,677	51,846	79,171	7,964
Arsi	288,098	29,798	33,932	98,759	19,927
West Harerghe	185,358	1,263	63,805	42,640	909
East Harerghe	195,529	2,532	185,754	52,660	3,332
Bale	71,126	1,339	101,817	123,969	4,659
Borena	48,604	1,009	90,360	25,547	712
South West Shewa	129,546	9,906	12,504	84,873	18,351
Guji	119,934	1,222	51,473	55,982	396
West Arsi	242,750	4,985	38,117	125,171	9,978
Kelem Wellega	20,887	345	93,903	21,951	1,376
Horoguduru Wellega	13,929	180	38,618	47,957	2,842

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	4,575	471	74,850	32,446	47
Shinele	166	-	9,834	695	-
Jijiga	3,838	197	28,449	24,311	47
Liben	572	274	36,567	7,440	-
<b>Benshangul-Gumuz</b>	3,993	713	158,265	4,793	121
Metekel	2,520	400	76,195	2,157	121
Asosa	462	95	59,297	172	-
Kemeshi	404	181	14,114	1,336	-
Mao Komo	607	38	8,659	1,129	-
<b>SNNP</b>	1,789,685	32,499	261,008	847,198	55,123
Gurage	94,874	1,310	22,774	159,334	4,411
Hadiya	170,046	8,608	6,112	64,966	4,595
Kembata Tembaro	Z	56,536	107	6,190	47,165
Sidama	467,545	2,694	14,841	196,844	1,236
Gedio	86,280	341	3,232	14,386	315
Wolayita	152,453	5,902	9,530	115,873	8,263
South Omo	47,388	899	39,991	19,756	1,062
Shaka	24,144	301	5,442	5,554	2,957
Kaffa	161,017	2,376	7,842	13,763	12,831
Gamo Gofa	179,894	5,412	74,416	74,926	3,741
Bench Maji	77,377	239	12,889	12,227	4,410
Yem Sp. Wereda	8,640	342	410	6,567	727
Amaro Sp. Wereda	15,265	46	9,462	11,248	127
Burji Sp. Wereda	3,075	-	4,342	1,556	-
Konso Sp. Wereda	22,264	581	16,118	7,408	-
Derashe Sp. Wereda	4,312	1,474	14,589	4,265	50
Dawro	51,783	1,234	5,033	14,359	2,894
Basketo Sp. Wereda	7,746	82	2,801	2,050	21
Konta Sp. Wereda	17,272	72	2,568	5,226	1,597
Silte	107,222	396	1,683	54,966	2,449
Alaba Sp. Wereda	34,554	84	743	14,759	76
<b>Gambela Region</b>	6,036	158	17,560	1,157	2,003
Angnuwak	694	39	3,180	101	-
Nware	353	118	10,992	-	-
Mezhenger	4,951	-	336	1,024	2,003
Itang Special	37	-	3,051	31	-
<b>Harari</b>	9,381	-	2,264	3,719	313
Hundene	9,381	-	2,264	3,719	313
<b>Dire Dawa</b>	1,567	-	16,172	3,834	-

**2. Crop Residue**

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	9,735,528	179,388	116,245	914,434	122,853
<b>Tigray</b>	645,861	14,886	2,475	109,875	5,346
North West Tigray	146,212	1,734	874	17,515	411
Central Tigray	186,202	4,050	997	33,848	475
Eastern Tigray	92,120	1,663	382	22,480	2,455
Southern Tigray	156,438	3,497	221	32,027	1,283
Western Tigray	64,889	3,942	-	4,005	721
<b>Afar</b>	22,633	760	506	120	-
Zone 1	21,610	436	453	120	-
Zone 3	1,023	324	54	-	-
<b>Amhara</b>	3,054,261	53,900	21,293	383,834	36,150
North Gonder	483,392	10,548	3,011	54,080	6,247
South Gonder	357,334	4,852	1,657	53,945	2,091
North Wolo	258,401	3,613	286	51,809	1,185
South Wolo	438,131	11,315	1,190	84,303	863
North Shewa	318,835	5,587	1,626	57,027	11,125
East Gojam	441,712	3,085	7,088	37,437	3,855
West Gojam	436,933	9,312	4,593	24,813	7,814
Waghamera	89,331	265	250	7,680	230
Awi	164,037	4,042	1,176	6,943	2,134
Oromia	61,875	1,140	353	5,091	575
Argoba Special	4,280	141	63	707	31
<b>Oromia</b>	3,639,236	61,537	42,981	243,377	55,945
West Wellega	84,613	2,572	2,375	3,350	793
East Wellega	89,795	1,203	2,959	9,526	1,315
Illubabor	117,616	2,266	4,026	8,774	1,562
Jimma	310,736	3,371	1,774	12,210	2,547
West Shewa	331,641	4,872	4,438	20,429	13,214
North Shewa	245,878	11,302	2,325	35,322	7,556
East Shewa	184,284	3,072	1,439	13,213	5,393
Arsi	406,927	8,047	892	31,809	3,646
West Harerghe	310,372	1,794	558	5,128	945
East Harerghe	487,543	3,450	775	25,107	3,052
Bale	191,574	2,066	2,383	20,362	2,567
Borena	58,101	2,800	1,474	7,175	2,129
South West Shewa	206,122	5,657	418	9,309	6,458
Guji	153,681	5,870	2,283	6,572	-
West Arsi	322,354	1,804	6,021	30,188	3,268
Kelem Wellega	64,092	583	6,132	1,304	742
Horoguduru Wellega	73,907	807	2,709	3,599	756

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	57,001	2,048	784	3,557	378
Shinele	3,326	312	13	318	62
Jijiga	44,787	430	588	3,239	90
Liben	8,888	1,306	183	-	227
<b>Benshangul-Gumuz</b>	74,142	640	2,571	2,781	205
Metekel	46,916	396	2,016	2,447	205
Asosa	22,659	223	458	-	-
Kemeshi	1,442	-	-	15	-
Mao Komo	3,125	21	98	319	-
<b>SNNP</b>	2,204,321	44,883	45,006	168,377	24,240
Gurage	248,724	527	741	8,278	438
Hadiya	230,968	1,822	2,135	7,884	1,047
Kembata Tembaro	Z	98,031	705	234	8,459
Sidama	517,435	9,536	13,625	62,188	6,375
Gedio	66,157	577	295	3,177	164
Wolayita	217,729	10,195	1,985	31,017	3,477
South Omo	66,076	2,423	2,248	3,908	2,153
Shaka	12,270	918	128	224	655
Kaffa	62,715	533	216	433	1,854
Gamo Gofa	263,458	9,738	16,390	14,081	2,486
Bench Maji	45,821	311	1,116	1,558	309
Yem Sp. Wereda	13,574	102	802	716	416
Amaro Sp. Wereda	28,933	717	1,551	2,239	120
Burji Sp. Wereda	8,310	20	149	32	-
Konso Sp. Wereda	40,842	1,323	935	317	-
Derashe Sp. Wereda	18,557	-	196	2,072	265
Dawro	52,551	2,784	727	4,150	1,955
Basketo Sp. Wereda	10,341	96	620	808	21
Konta Sp. Wereda	15,640	216	43	239	373
Silte	143,877	2,026	699	9,996	1,104
Alaba Sp. Wereda	42,313	314	170	6,604	-
<b>Gambela Region</b>	2,115	424	78	222	23
Angnuwak	336	-	-	-	-
Nuware	-	-	21	-	-
Mezhenger	1,755	416	57	222	23
Itang Special	23	8	-	-	-
<b>Harari</b>	16,350	104	517	2,078	143
Hundene	16,350	104	517	2,078	143
<b>Dire Dawa</b>	19,610	208	33	212	423

### 3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	143,452	29,290	6,628	17,102	1,795
<b>Tigray</b>	4,908	429	3,292	439	-
North West Tigray	1,026	-	3,097	439	-
Central Tigray	1,830	195	-	-	-
Eastern Tigray	160	172	-	-	-
Southern Tigray	1,402	-	-	-	-
Western Tigray	490	62	195	-	-
<b>Afar</b>	83	603	-	-	-
Zone 1	83	280	-	-	-
Zone 3	-	323	-	-	-
<b>Amhara</b>	35,684	3,777	1,518	7,551	-
North Gonder	3,051	885	-	-	-
South Gonder	1,848	-	-	333	-
North Wolo	1,878	323	-	-	-
South Wolo	20,549	1,252	-	5,831	-
North Shewa	1,170	405	-	303	-
East Gojam	6,050	-	1,518	-	-
West Gojam	456	754	-	-	-
Waghamera	140	-	-	-	-
Awj	216	-	-	1,084	-
Oromia	318	147	-	-	-
Argoba Special	9	10	-	-	-
<b>Oromia</b>	42,311	13,648	1,015	1,666	673
West Wellega	360	-	183	-	-
East Wellega	-	-	-	-	155
Illubabor	1,084	-	163	-	-
Jimma	401	-	-	-	-
West Shewa	3,227	825	-	-	-
North Shewa	4,806	3,080	-	-	265
East Shewa	809	1,459	-	-	-
Arsi	1,313	1,756	-	-	252
West Harerghe	2,283	265	-	-	-
East Harerghe	25,500	1,049	669	1,458	-
Bale	1,024	501	-	-	-
Borena	-	796	-	-	-
South West Shewa	456	423	-	-	-
Guji	209	224	-	209	-
West Arsi	319	2,885	-	-	-
Kelem Wellega	132	386	-	-	-
Horoguduru Wellega	388	-	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	148	80	-	-	-
Shinele	51	-	-	-	-
Jijiga	97	-	-	-	-
Liben	-	80	-	-	-
<b>Benshangul-Gumuz</b>	1,284	-	-	106	-
Metekel	125	-	-	86	-
Asosa	1,115	-	-	-	-
Kemeshi	44	-	-	20	-
Mao Komo	-	-	-	-	-
	57,001	10,453	803	6,662	1,064
<b>SNNP</b>	6,233	2,471	-	698	-
Gurage	6,642	255	-	-	-
Hadiya	2	18,142	348	-	-
Kembata Tembaro	17,816	4,828	519	4,611	-
Sidama	-	141	-	-	-
Gedio	1,849	870	229	856	-
Wolayita	323	218	-	115	458
South Omo	74	-	-	-	-
Shaka	617	-	-	-	-
Kaffa	265	-	-	-	-
Gamo Gofa	109	-	-	-	-
Bench Maji	29	29	-	-	-
Yem Sp. Wereda	-	17	-	-	-
Amaro Sp. Wereda	-	183	-	-	-
Burji Sp. Wereda	373	154	-	-	-
Konso Sp. Wereda	111	54	54	175	-
Derashe Sp. Wereda	42	-	-	-	-
Dawro	2,601	886	-	206	-
Basketo Sp. Wereda	1,776	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	1,296	287	-	680	59
Alaba Sp. Wereda	1,296	287	-	680	59
	148	80	-	-	-
<b>Gambela Region</b>	51	-	-	-	-
Angnuwak	97	-	-	-	-
Nware	-	80	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	1,284	-	-	106	-
	125	-	-	86	-
<b>Harari</b>	1,115	-	-	-	-
Hundene	44	-	-	20	-
<b>Dire Dawa</b>	737	13	-	-	-

**4. Hay**

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	2,627,444	661,009	81,721	597,299	60,102
<b>Tigray</b>	446,511	42,923	14,945	106,967	5,442
North West Tigray	101,115	12,630	2,155	20,867	716
Central Tigray	127,735	8,524	4,160	39,782	1,593
Eastern Tigray	66,247	3,255	2,615	18,344	1,887
Southern Tigray	111,123	4,463	1,045	20,661	444
Western Tigray	40,291	14,051	4,971	7,315	802
<b>Afar</b>	2,731	1,205	1,511	-	-
Zone 1	190	1,052	1,428	-	-
Zone 3	2,540	153	83	-	-
<b>Amhara</b>	1,462,834	384,810	47,464	353,704	29,666
North Gonder	299,694	80,342	2,396	45,299	5,932
South Gonder	182,276	78,157	1,018	51,785	741
North Wolo	137,507	23,437	695	37,073	303
South Wolo	236,468	44,833	2,690	92,040	2,927
North Shewa	192,617	17,806	2,424	61,376	10,141
East Gojam	77,797	31,597	14,673	7,090	1,287
West Gojam	155,206	75,602	16,184	32,645	6,768
Waghamera	77,087	3,159	1,700	5,748	-
Awi	66,887	22,396	5,112	15,365	1,101
Oromia	35,099	7,175	499	4,668	455
Argoba Special	2,197	305	72	616	10
<b>Oromia</b>	460,055	171,818	8,243	83,540	18,806
West Wellega	1,087	157	-	-	-
East Wellega	9,902	542	194	155	-
Illubabor	178	-	-	-	-
Jimma	3,894	374	-	401	962
West Shewa	64,475	24,594	1,536	7,890	2,788
North Shewa	149,731	65,601	1,972	46,768	8,268
East Shewa	15,940	3,508	-	221	410
Arsi	34,906	8,477	-	296	2,209
West Harerghe	20,345	9,947	1,601	2,669	541
East Harerghe	41,800	26,778	-	8,457	-
Bale	14,167	2,022	213	-	-
Borena	4,946	5,859	295	1,867	750
South West Shewa	36,499	13,675	490	7,116	2,521
Guji	26,152	361	881	4,331	209
West Arsi	27,455	7,823	912	3,018	-
Kelem Wellega	2,070	-	150	148	148
Horoguduru Wellega	6,509	2,099	-	203	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	1,868	1,261	13	124	24
Shinele	115	-	13	27	24
Jijiga	1,649	-	-	97	-
Liben	105	1,261	-	-	-
<b>Benshangul-Gumuz</b>	21,118	361	1,697	775	-
Metekel	17,179	361	793	414	-
Asosa	3,688	-	882	256	-
Kemeshi	209	-	-	105	-
Mao Komo	41	-	22	-	-
<b>SNNP</b>	231,081	58,185	7,780	52,055	6,165
Gurage	67,204	16,449	846	12,501	676
Hadiya	30,648	11,637	-	3,724	268
Kembata Tembaro	2	8,434	1,585	116	3,856
Sidama	12,075	4,475	-	-	-
Gedio	785	450	-	587	-
Wolayita	28,489	14,116	-	11,335	1,183
South Omo	335	115	-	151	-
Shaka	-	-	-	-	-
Kaffa	424	-	-	-	-
Gamo Gofa	18,836	662	5,033	5,479	1,128
Bench Maji	230	-	-	-	-
Yem Sp. Wereda	3,849	272	-	407	51
Amaro Sp. Wereda	1,570	1,190	-	382	-
Burji Sp. Wereda	403	236	15	-	-
Konso Sp. Wereda	4,831	-	134	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	8,039	1,479	1,063	562	205
Basketo Sp. Wereda	223	-	-	29	34
Konta Sp. Wereda	705	-	-	-	-
Silte	32,580	2,606	573	11,504	-
Alaba Sp. Wereda	11,422	2,911	-	1,538	-
<b>Gambela Region</b>					
Angnuwak	27	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	27	-	-	-	-
Itang Special	-	-	-	-	-
<b>Harari</b>	1,220	397	37	132	-
Hundene	1,220	397	37	132	-
<b>Dire Dawa</b>	-	51	31	-	-

### 5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	488,880	491,015	3,595	45,997	14,166
<b>Tigray</b>	49,915	21,860	-	3,926	527
North West Tigray	16,453	607	-	787	-
Central Tigray	12,772	6,485	-	503	-
Eastern Tigray	1,930	3,374	-	340	175
Southern Tigray	14,431	7,683	-	2,167	224
Western Tigray	4,328	3,710	-	128	128
<b>Afar</b>	555	4,267	-	117	-
Zone 1	268	2,429	-	-	-
Zone 3	287	1,838	-	117	-
<b>Amhara</b>	160,873	60,811	734	7,832	4,451
North Gonder	35,379	13,297	358	3,171	2,564
South Gonder	40,424	2,181	375	-	392
North Wolo	2,575	827	-	-	-
South Wolo	2,566	1,574	-	-	-
North Shewa	45,262	20,174	-	1,615	320
East Gojam	5,098	1,787	-	381	-
West Gojam	18,882	18,879	-	1,337	1,176
Waghamera	2,455	-	-	-	-
Awj	7,897	1,175	-	1,320	-
Oromia	325	916	-	-	-
Argoba Special	10	-	-	8	-
<b>Oromia</b>	142,791	250,829	1,992	24,225	5,923
West Wellega	3,772	-	344	689	-
East Wellega	2,793	-	-	-	493
Illubabor	828	1,235	-	-	-
Jimma	8,133	1,462	357	675	-
West Shewa	17,644	4,412	-	365	1,024
North Shewa	18,718	13,933	-	1,919	364
East Shewa	3,731	54,579	-	-	396
Arsi	9,264	51,979	727	4,472	583
West Harerghe	3,299	9,369	-	-	-
East Harerghe	9,918	61,245	-	378	-
Bale	13,062	7,936	-	4,178	-
Borena	637	6,960	-	163	2,722
South West Shewa	11,736	14,877	246	235	235
Guji	10,555	5,251	-	209	-
West Arsi	22,996	17,207	319	10,942	-
Kelem Wellega	4,370	277	-	-	-
Horoguduru Wellega	1,335	106	-	-	106

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	319	3,388	-	97	-
Shinele	-	662	-	-	-
Jijiga	319	-	-	97	-
Liben	-	2,725	-	-	-
<b>Benshangul-Gumuz</b>	8,528	194	19	703	28
Metekel	4,462	172	-	688	-
Asosa	3,424	-	-	-	-
Kemeshi	85	-	-	15	28
Mao Komo	557	22	19	-	-
<b>SNNP</b>	125,156	136,500	822	9,011	1,862
Gurage	15,230	7,390	-	4,194	226
Hadiya	7,742	11,431	-	523	-
Kembata Tembaro	2,861	14,654	-	336	-
Sidama	24,370	41,590	-	1,026	-
Gedio	1,382	3,931	-	-	-
Wolayita	12,064	43,796	461	705	-
South Omo	1,737	76	-	-	19
Shaka	7,543	131	-	119	454
Kaffa	29,608	164	-	366	-
Gamo Gofa	356	-	290	265	-
Bench Maji	17,071	3,145	-	546	853
Yem Sp. Wereda	29	-	-	-	-
Amaro Sp. Wereda	-	154	-	-	-
Burji Sp. Wereda	213	12	-	-	-
Konso Sp. Wereda	-	-	-	-	-
Derashe Sp. Wereda	582	-	-	40	-
Dawro	2,117	3,287	71	80	-
Basketo Sp. Wereda	145	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	1,516	6,171	-	811	184
Alaba Sp. Wereda	591	570	-	-	-
<b>Gambela Region</b>	540	22	-	22	66
Angnuwak	39	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	501	22	-	22	66
Itang Special	-	-	-	-	-
<b>Harari</b>	205	7,569	28	65	1,308
Hundene	205	7,569	28	65	1,308
<b>Dire Dawa</b>	-	5,576	-	-	-

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
<b>Ethiopia</b>	39,145	41,499	46,307	22,128	7,068
<b>Tigray</b>	13,875	3,596	13,189	11,752	823
North West Tigray	3,636	243	975	2,287	-
Central Tigray	1,553	1,829	8,521	3,687	457
Eastern Tigray	3,383	702	2,882	4,358	183
Southern Tigray	3,837	760	385	1,149	183
Western Tigray	1,465	62	427	271	-
<b>Afar</b>	290	64	-	-	-
Zone 1	-	64	-	-	-
Zone 3	290	-	-	-	-
<b>Amhara</b>	7,880	22,361	9,291	7,204	319
North Gonder	2,221	406	-	491	-
South Gonder	-	-	537	-	-
North Wolo	-	1,023	-	832	-
South Wolo	852	1,544	2,156	400	-
North Shewa	1,347	1,033	998	652	-
East Gojam	1,926	8,763	1,991	2,526	-
West Gojam	1,306	9,357	2,252	1,199	-
Waghamera	-	-	-	816	131
Awi	228	235	1,117	287	188
Oromia	-	-	241	-	-
Argoba Special	-	-	-	-	-
<b>Oromia</b>	12,165	15,125	14,244	1,892	2,369
West Wellega	-	683	877	632	-
East Wellega	289	-	901	-	-
Illubabor	-	-	1,243	167	-
Jimma	374	-	731	-	-
West Shewa	1,140	-	2,988	-	-
North Shewa	4,113	2,966	2,150	265	564
East Shewa	194	316	1,414	-	629
Arsi	1,546	577	1,189	-	-
West Harerghe	-	5,309	-	463	-
East Harerghe	1,877	-	-	-	395
Bale	1,204	2,476	201	-	201
Borena	-	-	-	-	-
South West Shewa	630	1,902	478	-	-
Guji	283	218	-	-	580
West Arsi	324	-	1,901	267	-
Kelem Wellega	-	96	-	-	-
Horoguduru Wellega	193	581	170	99	-

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
<b>Somale</b>	-	111	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	111	-	-	-
<b>Benshangul-Gumuz</b>	271	-	193	91	294
Metekel	271	-	193	91	272
Asosa	-	-	-	-	-
Kemeshi	-	-	-	-	-
Mao Komo	-	-	-	-	22
<b>SNNP</b>	4,627	205	8,402	1,188	3,263
Gurage	-	-	671	242	1,776
Hadiya	320	-	1,044	-	-
Kembata Tembaro	223	-	486	-	-
Sidama	2,798	-	2,326	-	1,487
Gedio	-	-	254	-	-
Wolayita	222	-	908	240	-
South Omo	113	91	-	-	-
Shaka	-	-	302	60	-
Kaffa	-	-	666	559	-
Gamo Gofa	310	-	580	-	-
Bench Maji	-	-	585	-	-
Yem Sp. Wereda	56	56	164	-	-
Amaro Sp. Wereda	89	-	-	-	-
Burji Sp. Wereda	-	-	60	-	-
Konso Sp. Wereda	193	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	-	-	93	-	-
Basketo Sp. Wereda	-	17	126	-	-
Konta Sp. Wereda	-	42	138	-	-
Silte	-	-	-	-	-
Alaba Sp. Wereda	303	-	-	86	-
<b>Gambela Region</b>	-	-	330	-	-
Angnuwak	-	-	330	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
<b>Harari</b>	37	-	-	-	-
Hundene	37	-	-	-	-
<b>Dire Dawa</b>	-	38	658	-	-



**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 .....	52,131,121	770,841	1.48	24,199,835	703,737	2.91	22,607,953	870,128	3.85
Tigray.....	3,536,562	177,446	5.02	1,117,870	105,337	9.42	2,880,488	196,805	6.83
Afar .....	910,120	91,336	10.04	1,031,845	116,958	11.33	1,712,678	161,123	9.41
Amhara .....	13,359,888	297,244	2.22	8,235,448	461,629	5.61	5,171,885	289,062	5.59
Oromia .....	22,491,752	464,301	2.06	8,610,745	347,232	4.03	7,233,089	344,483	4.76
Somali .....	503,966	48,652	9.65	1,132,197	217,703	19.23	1,365,945	139,535	10.22
Benshangul-Gumuz.....	551,834	44,290	8.03	98,580	13,295	13.49	454,117	53,241	11.72
SNNP.....	10,427,572	495,545	4.75	3,862,327	298,530	7.73	3,506,595	683,813	19.5
Gambella.....	251,484	22,426	8.92	50,566	7,647	15.12	79,676	6,947	8.72
Harari.....	48,337	4,983	10.31	4,783	832	17.4	42,191	2,498	5.92
Dire Dawa.....	49,606	4,063	8.19	55,473	6,964	12.55	161,287	15,648	9.7

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	1,954,867	107,053	5.48	369,390	20,209	5.47	6,406,454	115,727	1.81	982,592	112,371	11.44
Tigray.....	2,069	824	39.81	3,915	1,040	26.56	574,125	27,352	4.76	35,946	7,224	20.1
Afar .....	204	199	97.37	407	267	65.74	57,665	8,665	15.03	276,026	52,750	19.11
Amhara.....	430,085	53,181	12.37	135,159	12,871	9.52	2,301,172	65,228	2.83	56,421	11,221	19.89
Oromia .....	1,144,929	85,265	7.45	154,624	13,063	8.45	2,758,237	84,619	3.07	310,757	83,054	26.73
Somali .....	117	116	99.63	293	195	66.66	101,768	8,434	8.29	293,093	52,588	17.94
Benshangul-Gumuz.....	2,510	1,528	60.88	1,774	493	27.77	67,432	7,649	11.34	-	-	-
SNNP .....	374,097	36,862	9.85	73,172	8,407	11.49	520,372	31,959	6.14	545	380	69.75
Gambella.....	729	340	46.61	48	31	65.39	225	160	70.91	-	-	-
Harari .....	128	100	78.12	-	-	-	9,368	1,108	11.83	2,015	944	46.86
Dire Dawa.....	-	-	-	-	-	-	16,089	1,491	9.26	7,790	1,464	18.79

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 .....	2,343,920	49,778	2.12	2,123,144	46,600	2.19	3,730,268	69,334	1.86	14,233,785	210,016	1.48	728,029	33,420	4.59
Tigray .....	170,868	11,583	6.78	123,638	9,983	8.07	225,324	15,049	6.68	1,094,032	40,420	3.69	81,506	9,126	11.2
Afar .....	53,163	7,904	14.87	34,056	3,780	11.1	38,459	6,192	16.1	74,201	14,754	19.88	1,329	670	50.37
Amhara .....	517,018	21,398	4.14	425,722	17,960	4.22	996,110	33,764	3.39	4,485,413	96,029	2.14	342,534	23,056	6.73
Oromia.....	1,009,464	31,946	3.16	952,069	28,261	2.97	1,669,442	45,058	2.7	6,260,737	124,570	1.99	256,118	21,339	8.33
Somali .....	32,230	3,871	12.01	26,912	3,117	11.58	35,045	4,576	13.06	68,897	8,873	12.88	615	348	56.65
Benshangul-Gumuz .....	21,957	3,147	14.33	20,755	2,288	11.02	46,558	4,680	10.05	154,252	13,150	8.52	7,071	1,831	25.89
SNNP.....	520,037	27,840	5.35	522,150	30,315	5.81	689,364	36,362	5.27	2,057,882	131,357	6.38	37,325	6,494	17.4
Gambella .....	14,333	1,613	11.25	12,698	1,431	11.27	18,418	2,535	13.76	24,737	2,777	11.22	1,509	783	51.92
Harari.....	2,447	371	15.17	2,734	374	13.69	5,719	669	11.7	6,548	1,179	18	22	21	97.82
Dire Dawa.....	2,402	353	14.71	2,410	423	17.55	5,830	500	8.57	7,087	766	10.81	-	-	-

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 .....	2,485,607	51,847	2.09	2,304,021	52,051	2.26	4,593,754	94,191	2.05	18,866,607	318,991	1.69	719,882	32,654	4.54
Tigray .....	189,454	13,262	7	125,900	10,250	8.14	263,099	19,041	7.24	1,200,915	72,113	6	64,659	10,509	16.25
Afar .....	86,542	11,653	13.47	67,706	6,938	10.25	107,100	14,937	13.95	443,123	45,436	10.25	5,119	1,861	36.36
Amhara .....	526,003	20,625	3.92	444,290	19,422	4.37	1,057,590	36,172	3.42	4,332,487	120,187	2.77	227,630	17,969	7.89
Oromia.....	1,065,030	35,897	3.37	1,018,086	30,544	3	2,010,790	61,145	3.04	7,957,313	195,601	2.46	282,481	20,836	7.38
Somali .....	33,924	4,610	13.59	29,307	3,976	13.57	49,398	7,752	15.69	223,368	20,172	9.03	4,125	1,198	29.05
Benshangul-Gumuz .....	26,676	3,725	13.96	22,206	2,374	10.69	57,296	5,881	10.26	186,311	15,392	8.26	9,022	2,473	27.41
SNNP.....	533,969	24,865	4.66	573,390	34,885	6.08	1,004,492	55,899	5.56	4,377,366	202,649	4.63	121,434	13,635	11.23
Gambella .....	17,877	2,949	16.5	18,559	2,679	14.43	32,083	4,353	13.57	106,975	8,232	7.7	4,178	1,349	32.28
Harari.....	2,675	398	14.89	1,993	396	19.89	5,804	630	10.86	19,717	2,172	11.01	673	165	24.51
Dire Dawa.....	3,457	402	11.62	2,584	416	16.09	6,101	644	10.56	19,032	1,757	9.23	562	182	32.32

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 .....	3,153,522	89,391	2.83	1,072,934	40,759	3.8	897,506	53,907	6.01	1,367,060	81,085	5.93
Tigray .....	131,857	14,967	11.35	63,177	6,884	10.9	35,138	4,950	14.09	58,054	7,603	13.1
Afar .....	79,388	11,127	14.02	46,156	7,336	15.89	51,885	7,541	14.53	80,992	10,059	12.42
Amhara .....	1,074,623	57,816	5.38	336,363	25,750	7.66	319,741	34,594	10.82	462,063	41,519	8.99
Oromia.....	1,301,077	55,781	4.29	370,957	20,054	5.41	247,782	19,302	7.79	331,726	25,216	7.6
Somali .....	74,722	10,710	14.33	62,377	13,725	22	85,815	29,456	34.32	162,634	42,050	25.86
Benshangul-Gumuz .....	14,472	2,135	14.75	5,213	1,187	22.77	3,901	776	19.9	5,337	1,405	26.33
SNNP.....	465,480	32,685	7.02	182,065	17,440	9.58	147,207	19,663	13.36	260,496	47,804	18.35
Gambella .....	5,297	788	14.87	3,266	633	19.37	2,984	549	18.39	4,048	767	18.95
Harari.....	449	126	28.04	362	129	35.53	225	78	34.54	407	129	31.71
Dire Dawa.....	6,157	770	12.51	2,998	746	24.89	2,828	375	13.25	1,304	310	23.73

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 .....	3,308,853	101,064	3.05	1,340,248	49,185	3.67	1,688,312	73,584	4.36	11,392,948	336,692	2.96
Tigray .....	134,342	14,325	10.66	72,547	9,975	13.75	95,767	12,252	12.79	530,655	49,444	9.32
Afar .....	117,812	15,176	12.88	89,829	13,953	15.53	125,068	17,857	14.28	451,033	51,892	11.51
Amhara .....	1,101,333	69,437	6.3	370,741	27,831	7.51	458,381	36,729	8.01	4,104,618	238,110	5.8
Oromia.....	1,356,021	61,139	4.51	487,710	29,215	5.99	538,018	32,528	6.05	3,985,680	165,756	4.16
Somali .....	91,951	16,679	18.14	75,490	13,006	17.23	123,804	34,849	28.15	458,064	84,360	18.42
Benshangul-Gumuz .....	15,872	2,257	14.22	5,467	1,039	19.01	7,440	1,407	18.92	40,356	6,042	14.97
SNNP.....	478,708	30,560	6.38	229,874	18,042	7.85	325,614	36,316	11.15	1,776,375	129,922	7.31
Gambella .....	6,461	1,073	16.61	4,935	953	19.31	7,075	1,613	22.8	16,536	2,392	14.46
Harari.....	548	157	28.64	264	103	38.96	555	151	27.23	2,312	433	18.75
Dire Dawa.....	5,807	788	13.56	3,392	468	13.81	6,589	805	12.22	27,321	3,728	13.64

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 .....	2,890,803	83,067	2.87	1,102,259	48,548	4.4	991,734	66,249	6.68	1,730,607	161,089	9.31
Tigray .....	367,686	29,587	8.05	125,777	11,277	8.97	117,171	14,633	12.49	196,885	17,956	9.12
Afar .....	122,585	12,934	10.55	73,326	11,114	15.16	78,792	10,667	13.54	131,234	16,165	12.32
Amhara .....	773,586	44,761	5.79	261,772	19,772	7.55	240,662	21,305	8.85	410,372	32,423	7.9
Oromia.....	1,055,463	49,163	4.66	342,687	19,806	5.78	257,936	17,328	6.72	383,868	26,755	6.97
Somali .....	107,584	12,281	11.42	68,207	11,908	17.46	68,397	12,060	17.63	174,296	30,281	17.37
Benshangul-Gumuz .....	62,663	6,837	10.91	27,264	4,812	17.65	17,059	3,488	20.45	21,489	3,387	15.76
SNNP.....	370,738	35,155	9.48	188,289	34,007	18.06	197,142	56,108	28.46	397,012	150,561	37.92
Gambella .....	9,967	1,003	10.06	5,236	729	13.93	3,581	671	18.74	4,977	716	14.4
Harari.....	4,709	389	8.27	1,873	229	12.24	3,527	411	11.65	2,720	512	18.81
Dire Dawa.....	15,820	1,488	9.41	7,828	987	12.6	7,467	731	9.8	7,754	1,126	14.53

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 .....	3,149,800	96,072	3.05	1,507,504	64,541	4.28	1,759,116	93,997	5.34	9,481,284	345,131	3.64
Tigray .....	394,825	30,077	7.62	198,331	15,191	7.66	225,542	21,033	9.33	1,248,302	83,296	6.67
Afar .....	196,701	20,955	10.65	154,649	19,058	12.32	226,579	28,634	12.64	729,794	68,373	9.37
Amhara .....	806,465	52,272	6.48	304,887	21,668	7.11	312,029	25,276	8.1	2,079,660	111,617	5.37
Oromia.....	1,121,828	56,447	5.03	462,607	27,353	5.91	498,440	33,104	6.64	3,104,116	156,447	5.04
Somali .....	139,054	15,299	11	93,793	11,762	12.54	115,853	14,151	12.21	598,081	58,382	9.76
Benshangul-Gumuz .....	69,763	7,592	10.88	36,588	6,228	17.02	41,625	6,210	14.92	178,008	21,688	12.18
SNNP.....	386,461	40,864	10.57	234,882	46,612	19.84	308,476	74,792	24.25	1,423,209	258,100	18.14
Gambella .....	12,875	1,272	9.88	7,997	1,127	14.1	7,682	941	12.26	27,307	2,539	9.3
Harari.....	4,470	404	9.05	2,261	285	12.6	5,095	537	10.54	17,310	1,164	6.72
Dire Dawa.....	17,358	2,041	11.76	11,508	1,644	14.29	17,796	2,132	11.98	75,497	8,133	10.77

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 .....	188,164	13,421	7.13	777,921	46,527	5.98	203,732	15,121	7.42	792,131	49,361	6.23
Tigray .....	583	333	57.14	1,890	662	35.03	201	200	99.66	1,301	697	53.61
Afar .....	-	-	-	204	199	97.37	-	-	-	91	91	99.45
Amhara .....	35,695	6,063	16.99	143,166	19,866	13.88	49,853	7,545	15.13	203,495	29,065	14.28
Oromia.....	120,024	11,010	9.17	473,314	37,344	7.89	116,340	12,066	10.37	434,186	35,860	8.26
Somali .....	24	24	98.45	1,243	905	72.82	-	-	-	639	330	51.72
Benshangul-Gumuz .....	363	350	96.43	752	555	73.85	-	-	-	1,197	698	58.28
SNNP.....	31,385	4,681	14.91	156,603	19,334	12.35	37,317	5,108	13.69	151,096	17,455	11.55
Gambella .....	48	31	65.39	681	314	46.08	-	-	-	-	-	-
Harari.....	42	40	94.3	69	47	68.19	21	21	101.36	126	112	89.28
Dire Dawa.....	42	40	94.3	69	47	68.19	21	21	101.36	126	112	89.28

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 .....	795,584	23,168	2.91	2,191,302	64,126	2.93	754,383	26,363	3.49	2,697,166	61,483	2.28
Tigray .....	71,415	5,430	7.6	239,105	20,113	8.41	60,592	4,609	7.61	207,161	12,946	6.25
Afar .....	6,982	1,394	19.97	19,810	4,910	24.79	8,050	1,620	20.13	22,954	4,129	17.99
Amhara .....	321,540	15,437	4.8	672,412	43,987	6.54	315,060	15,474	4.91	1,000,420	34,205	3.42
Oromia.....	337,066	15,425	4.58	946,790	37,868	4	316,737	20,300	6.41	1,175,501	44,873	3.82
Somali .....	9,648	1,274	13.21	40,205	3,900	9.7	9,932	1,411	14.21	43,186	4,688	10.86
Benshangul-Gumuz .....	7,800	1,403	17.99	37,729	4,942	13.1	5,091	1,083	21.28	16,482	2,775	16.84
SNNP.....	37,865	5,038	13.3	226,797	16,554	7.3	35,772	4,029	11.26	220,823	19,530	8.84
Gambella .....	25	28	111.22	175	111	63.52	25	28	111.22	-	-	-
Harari.....	839	191	22.82	4,782	914	19.12	781	207	26.48	2,768	441	15.93
Dire Dawa.....	2,404	319	13.25	3,497	434	12.41	2,342	400	17.07	7,871	854	10.85

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	Number	SE	CV
Ethiopia .....	25,751	3,929	15.26	151,411	10,346	6.83	24,149	3,358	13.91	167,469	11,305	6.75			
Tigray .....	-	-	-	1,245	496	39.82	195	194	99.52	2,312	763	33.01			
Afar .....	-	-	-	293	216	73.81	54	53	99.07	60	58	96.02			
Amhara.....	14,346	3,120	21.75	45,729	6,044	13.22	13,671	2,683	19.63	62,547	7,667	12.26			
Oromia.....	7,119	2,128	29.9	66,665	7,250	10.88	7,795	1,888	24.22	69,314	6,350	9.16			
Somali .....	-	-	-	362	280	77.44	471	367	77.83	652	632	97.05			
Benshangul-Gumuz .....	-	-	-	1,019	381	37.4	-	-	-	755	247	32.73			
SNNP.....	4,286	1,081	25.23	36,052	4,175	11.58	1,963	582	29.67	31,830	5,259	16.52			
Gambella .....	-	-	-	48	31	65.39	-	-	-	-	-	-			
Harari.....	-	-	-	-	-	-	-	-	-	-	-	-			
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 .....	130,325	15,608	11.98	236,142	22,304	9.45	156,069	22,449	14.38	464,471	64,035	13.79
Tigray .....	5,384	2,259	41.95	27,468	5,042	18.36	221	221	100.04	2,872	2,666	92.83
Afar .....	26,941	5,899	21.9	42,898	6,509	15.17	58,021	14,783	25.48	148,770	29,372	19.74
Amhara.....	6,909	2,139	30.96	47,694	10,395	21.79	98	97	99.56	925	653	70.57
Oromia.....	58,656	13,240	22.57	53,823	12,762	23.71	48,812	14,477	29.66	156,165	48,898	31.31
Somali .....	30,564	4,866	15.92	61,251	12,579	20.54	47,197	8,693	18.42	151,638	28,960	19.1
Benshangul-Gumuz .....	-	-	-	-	-	-	-	-	-	-	-	-
SNNP.....	257	256	99.87	517	411	79.51	-	-	-	122	121	99.9
Gambella .....	-	-	-	-	-	-	-	-	-	-	-	-
Harari.....	240	146	60.83	28	28	99.75	606	348	57.32	1,140	522	45.8
Dire Dawa.....	1,373	266	19.4	2,463	606	24.61	1,113	305	27.36	2,840	552	19.43

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 .....	44,893,009	641,410	1.43	4,381,338	70,842	1.62	2,170,997	67,738	3.12	4,125,249	92,907	2.25	1,393,876	59,720	4.28	18,007,499	371,695	2.06	14,814,050	190,164	1.28
Tigray .....	5,003,126	191,375	3.83	438,094	18,401	4.2	368,941	24,857	6.74	606,742	34,810	5.74	183,145	21,233	11.59	2,068,499	104,377	5.05	1,337,705	43,552	3.26
Afar .....	57,993	16,931	29.2	5,901	1,726	29.25	3,901	1,159	29.7	5,856	1,690	28.87	3,769	1,625	43.1	28,704	9,765	34.02	9,862	2,718	27.56
Amhara .....	14,116,725	421,576	2.99	1,330,385	42,283	3.18	654,223	48,434	7.4	1,298,397	60,407	4.65	439,879	40,077	9.11	6,033,075	264,237	4.38	4,360,765	106,836	2.45
Oromia.....	16,345,099	368,133	2.25	1,762,989	47,383	2.69	700,271	32,222	4.6	1,421,793	52,640	3.7	534,229	34,633	6.48	5,916,318	193,355	3.27	6,009,499	128,057	2.13
Somali .....	113,004	22,840	20.21	16,573	3,497	21.1	8,803	2,852	32.39	11,807	2,413	20.44	5,602	2,191	39.11	32,704	6,805	20.81	37,514	8,793	23.44
Benshangul-Gumuz .....	1,140,816	75,211	6.59	94,564	6,820	7.21	82,242	10,314	12.54	136,486	12,646	9.27	25,491	4,826	18.93	545,795	38,105	6.98	256,237	16,327	6.37
SNNP.....	7,690,931	233,805	3.04	679,976	24,023	3.53	321,544	21,499	6.69	594,235	28,588	4.81	185,790	16,530	8.9	3,230,534	135,571	4.2	2,678,851	77,923	2.91
Gambella .....	301,735	17,831	5.91	38,979	2,607	6.69	25,642	2,795	10.9	33,092	3,149	9.52	13,060	2,351	18	122,601	8,453	6.9	68,361	3,642	5.33
Harari.....	43,235	5,681	13.14	5,423	812	14.96	2,465	510	20.67	5,011	1,079	21.52	1,424	566	39.72	12,216	2,344	19.19	16,697	2,048	12.27
Dire Dawa.....	80,345	7,397	9.21	8,453	878	10.39	2,965	580	19.57	11,831	1,729	14.62	1,486	518	34.84	17,053	2,320	13.61	38,558	3,514	9.11

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 .....	4,993,815	222,850	4.46	4,772,537	220,623	4.62	81,596	12,555	15.39	139,682	17,842	12.77
Tigray.....	219,036	20,205	9.22	169,048	17,416	10.3	2,171	890	41	47,817	7,911	16.54
Afar .....	-	-	-	-	-	-	-	-	-	-	-	-
Amhara.....	965,293	58,728	6.08	898,863	57,185	6.36	23,802	4,237	17.8	42,628	7,360	17.27
Oromia.....	2,738,127	197,574	7.22	2,654,266	195,940	7.38	43,499	11,338	26.07	40,362	13,926	34.5
Somali .....	1,798	1,082	60.17	1,774	1,080	60.92	-	-	-	24	24	98.45
Benshangul-Gumuz .....	230,241	47,373	20.58	228,430	47,279	20.7	761	634	83.31	1,050	539	51.35
SNNP .....	779,235	64,118	8.23	760,342	63,715	8.38	11,162	3,148	28.2	7,730	2,714	35.11
Gambella .....	58,402	20,313	34.78	58,299	20,317	34.85	44	45	101.99	59	50	85.24
Harari .....	928	184	19.84	869	173	19.86	60	41	68.91	-	-	-
Dire Dawa .....	756	292	38.63	646	274	42.45	98	66	67.09	13	12	91.12



## **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 2011/12 (2004 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
<b>Tigray</b>	North Western Tigray	31	31	930	929
	Central Tigray	39	39	1,170	1,159
	Eastern Tigray	29	29	870	829
	Southern Tigray	38	38	1,140	1,133
	Western Tigray	25	25	750	750
	<b>Region Total</b>	<b>162</b>	<b>162</b>	<b>4,860</b>	<b>4,800</b>
<b>Afar</b>	Zone One	30	30	900	870
	Zone Three	20	20	600	600
	<b>Region Total</b>	<b>50</b>	<b>50</b>	<b>1,500</b>	<b>1,470</b>
<b>Amhara</b>	North Gonder	49	49	1,470	1,464
	South Gonder	45	45	1,350	1,349
	North Wello	46	46	1,380	1,380
	South Wello	49	49	1,470	1,467
	North Shewa	47	46	1,410	1,380
	East Gojam	47	45	1,410	1,343
	West Gojam	46	45	1,380	1,343
	Wag Hemira	29	29	870	870
	Awj	32	32	960	959
	Oromia	28	28	840	836
	Argoba Special Woreda	20	20	600	599
	<b>Region Total</b>	<b>438</b>	<b>434</b>	<b>13,140</b>	<b>12,990</b>
<b>Oromia</b>	West Wellega	43	43	1,290	1,273
	East Wellega	40	40	1,200	1,173
	Illubabor	48	48	1,440	1,434
	Jimma	47	47	1,410	1,407
	West Shewa	44	44	1,320	1,319
	North Shewa	39	39	1,170	1,170
	East Shewa	40	40	1,200	1,199
	Arsi	53	53	1,590	1,589
	West Harerghe	41	41	1,230	1,229
	East Harerghe	48	48	1,440	1,440
	Bale	44	44	1,320	1,320
	Borena	37	37	1,110	1,106
	South West Shewa	38	38	1,140	1,139
	Guji	38	38	1,140	1,133
	Kelem Wellega	39	39	1,170	1,169
	Horoguduru Wellega	37	36	1,110	1,078
	West Arsi	36	36	1,080	1,077
	<b>Region Total</b>	<b>712</b>	<b>711</b>	<b>21,360</b>	<b>21,255</b>

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

Region	Stratum	Enumeration Areas		Households	
		Planned	Covered	Planned	Covered
<b>Somali</b>	Shinile	20	20	600	562
	Jijiga	28	28	840	834
	Liben	24	24	720	690
	<b>Region Total</b>	<b>72</b>	<b>72</b>	<b>2,160</b>	<b>2,086</b>
<b>Benishangul-Gumuz</b>	Metekel	30	30	900	897
	Asosa	26	26	780	780
	Kemashi	20	20	600	598
	Maokomo	20	20	600	599
	<b>Region Total</b>	<b>96</b>	<b>96</b>	<b>2,880</b>	<b>2,874</b>
<b>SNNP</b>	Guraghe	41	41	1,230	1,203
	Hadiya	33	33	990	970
	Kembata_Tambaro	33	33	990	968
	Sidama	45	45	1,350	1,348
	Gedeo	34	34	1,020	1,009
	Wolayita	39	39	1,170	1,170
	South Omo	36	36	1,080	1,072
	Shaka	24	24	720	719
	Keffa	37	37	1,110	1,104
	Gamo_Gofa	42	42	1,260	1,254
	Benchi_Maji	36	36	1,080	1,079
	Yem Special Wereda	20	20	600	590
	Amaro Special Wereda	20	20	600	600
	Burji Special Wereda	20	20	600	600
	Konso Special Wereda	20	20	600	598
	Derashe Special Wereda	20	20	600	599
	Dawro	32	32	960	959
	Basketo Special Wereda	20	20	600	600
	Konta Special Wereda	20	20	600	600
	Siltie	30	29	900	868
	Alaba Special Wereda	20	20	600	574
	<b>Region Total</b>	<b>622</b>	<b>621</b>	<b>18,660</b>	<b>18,484</b>
<b>Gambella</b>	Agnuak	21	21	630	629
	Nuer	20	19	600	570
	Mejenger	20	20	600	600
	Etang Special Woreda	19	19	570	570
	<b>Region Total</b>	<b>80</b>	<b>79</b>	<b>2,400</b>	<b>2,369</b>
<b>Harari</b>	<b>Harari</b>	24	24	<b>720</b>	719
<b>Dire Dawa</b>	<b>Dire Dawa</b>	24	24	<b>720</b>	720
<b>Country Total</b>		<b>2,280</b>	<b>2,273</b>	<b>68,400</b>	<b>67,767</b>

## **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  $h^{\text{th}}$  stratum.

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

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

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

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

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

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

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

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  $i^{\text{th}}$  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  $i^{\text{th}}$  EA and  $h^{\text{th}}$  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  $j^{\text{th}}$  agricultural household in the  $i^{\text{th}}$  EA and  $h^{\text{th}}$  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):**

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

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 - 2011/12 (2004 E.C.)**

**Part I - Identification Particulars**

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

**PART II - LIVESTOCK POPULATION AND PRODUCTS****QST I - Did You Have Livestock and/or Beehives on November 10, 2011?** Yes Complete questions below No – End of the question**Number of Cattle by Age and Purpose on Nov 10, 2011**

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

## **Number of Sheep by Age and Purpose on Nov 10, 2011**

2. Sheep of all ages

  - Sheep less than 6 months \_\_\_\_\_
  - Sheep 6 months and less than 1 year \_\_\_\_\_
  - Sheep 1 year and less than 2 years \_\_\_\_\_
  - Sheep 2 years and older
    - Sheep for mutton \_\_\_\_\_
    - Sheep for wool \_\_\_\_\_
    - Sheep for breeding \_\_\_\_\_
    - Sheep for other purposes \_\_\_\_\_
  - Grand Total \_\_\_\_\_
  - Local breed \_\_\_\_\_
  - Exotic \_\_\_\_\_
  - Hybrid \_\_\_\_\_

None	Total	Male	Female
	47	48	49
	50	51	52
	53	54	55
	56	57	58
	59	60	61
	62	63	64
	65	66	67
	68	69	70
	71	72	73
	74	75	76
	77	78	79
	80	81	82
	83	84	85

## **Number of Goats by Age and Purpose on Nov 10, 2011**

3. Goats of all ages \_\_\_\_\_

a. Goats less than 6 months \_\_\_\_\_

b. Goats 6 months and less than 1 year \_\_\_\_\_

c. Goats 1 year and less than 2 years \_\_\_\_\_

d. Goats 2 years and older \_\_\_\_\_

    1. Goats for meat \_\_\_\_\_

    2. Dairy Goats \_\_\_\_\_

    3. Goats for breeding \_\_\_\_\_

    4. Goats for other purposes \_\_\_\_\_

e. Grand Total \_\_\_\_\_

    1. Local breed \_\_\_\_\_

    2. Exotic \_\_\_\_\_

    3. Hybrid \_\_\_\_\_

None	Total	Male	Female
	86		88
	89		91
	92		94
	95		97
	98		100
	101		103
	104		105
	106	102	
	109	107	108
	112	110	111
	115	113	114
	118	116	117
	121	119	120
	121	122	123

**Form ASS -2004/7 Cont'd**

**Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2011**

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 \_\_\_\_\_

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 \_\_\_\_\_

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 \_\_\_\_\_

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
124
127
130
133
136
139

Male	Female
125	126
128	129
131	132
134	135
137	138
140	141

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total
142
145
148
151
154
157

Male	Female
143	144
146	147
149	150
152	153
155	156
158	159

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total
160
163
166
169
172
175

Male	Female
161	162
164	165
167	168
170	171
173	174
176	177

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total
178
181
184
187
190
193
195
198

Male	Female
179	180
182	183
185	186
188	189
191	192
209	194
196	197
199	200

**Form ASS – 2004/7 Cont'd**

**Poultry**

8. Poultry total on **Nov 10, 2011**

- a. Laying hens \_\_\_\_\_
- b. Non-Laying hens \_\_\_\_\_
- c. Cocks \_\_\_\_\_
- d. Cockerels \_\_\_\_\_
- e. Pulletts \_\_\_\_\_
- 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, 2010 to Nov 10, 2011)?**

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 – 2004/7 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

Hybrid

Exotic

247
-----

248
-----

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 Afflicted/Diseased			5 Total Treated		
		Sr. No.	Livestock Type	Total	Male	Female	Total
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**

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

**Form ASS – 2004/7 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 |