

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

**AGRICULTURAL SAMPLE SURVEY
2007/08 [2000 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 the needed animal protein that contribute to the improvement of the nutritional status of the people. Livestock also plays an important role in providing export commodities, such as live animals, hides, and skins to earn foreign exchanges to the country. On the other hand, draught animals provide power for the cultivation of the smallholdings and for crop threshing virtually all over the country and are also essential modes of transport to take holders and their families long-distances, to convey their agricultural products to the market places and bring back their domestic necessities. Livestock as well confer a certain degree of security in times of crop failure, as they are a “near-cash” capital stock. Furthermore, livestock provides farmyard manure that is commonly applied to improve soil fertility and also used as a source of energy.

Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2007/08 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 11, 2007 or Hidar 1, 2000 E.C.) and reference period (November 11, 2006 to November 11, 2007 or Hidar 2, 1999 E.C. to Hidar 1, 2000 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 purvey quantitative information on the size and characteristics of livestock in rural sedentary areas at zonal level. In order to meet these objectives, data on: livestock number by type, age, sex, purpose and breed; livestock products particularly milk, egg, and honey; livestock diseases and vaccination; and animal feed were collected from sampled agricultural households in rural sedentary areas.

CHAPTER II SURVEY METHODOLOGY AND OPERATIONS

2.1 COVERAGE

The 2007/8 (2000 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 2,200 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 64 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,136 EAs (97.09%) 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 66,000 agricultural households, however, 61,025 (96.94%) 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 1999 E.C. Cartographic 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 households. 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 | 5 | 5 |
| Afar | 5 | 2 |
| Amhara | 11 | 11 |
| Oromiya | 17 | 17 |
| Somalie | 9 | 3 |
| Benishangul Gumuz | 5 | 5 |
| S.N.N.P.R | 21 | 21 |
| Gambela | 4 | 4 |
| Hareri | 1 | 1 |
| Dire Dawa | 1 | 1 |
| Total | 79 | 70 |

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 1999 E.C. Cartographic Census frame. 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, 2006 to Nov 11, 2007.

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, 2006 to Nov 11, 2007.

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

2.6 FIELD ORGANIZATION

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

2.7 TRAINING OF FIELD STAFF

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

2.8 METHOD OF DATA COLLECTION

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

agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was Nov.11, 2007 (Hidar 1/2000 E.C.).

2.9 DATA PROCESSING

2.9.1 Editing, Coding, and Verification

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

2.9.2 Data Entry, Cleaning, and Processing

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

CHAPTER III SUMMARY OF THE SURVEY RESULTS

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

The 2007/08 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 11, 2007), irrespective of ownership, were recorded by interviewing each holder within the selected agricultural households in the sampled enumeration areas of the country. The numbers also include the livestock belonging to the holding but temporarily away or in transit at the time of the enumeration.

3.1.1 Cattle Population

The estimates of cattle for the rural sedentary areas at country level are presented in Summary Table III.1. As shown on the table, the total cattle population for the country is estimated to be 47.57 million. Out of this total cattle population, the female cattle constitute about 55.64 percent and the remaining 44.36 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 62 percent) is in the 3 years and less than 10 years age category, with about 35.7 percent female and about 26.7 percent male. Moreover, about 33.4 percent are less than three years and those with age category 10 years and over took small portion i.e. 3.19 percent of the total estimated number of cattle population (also see Fig III.1).

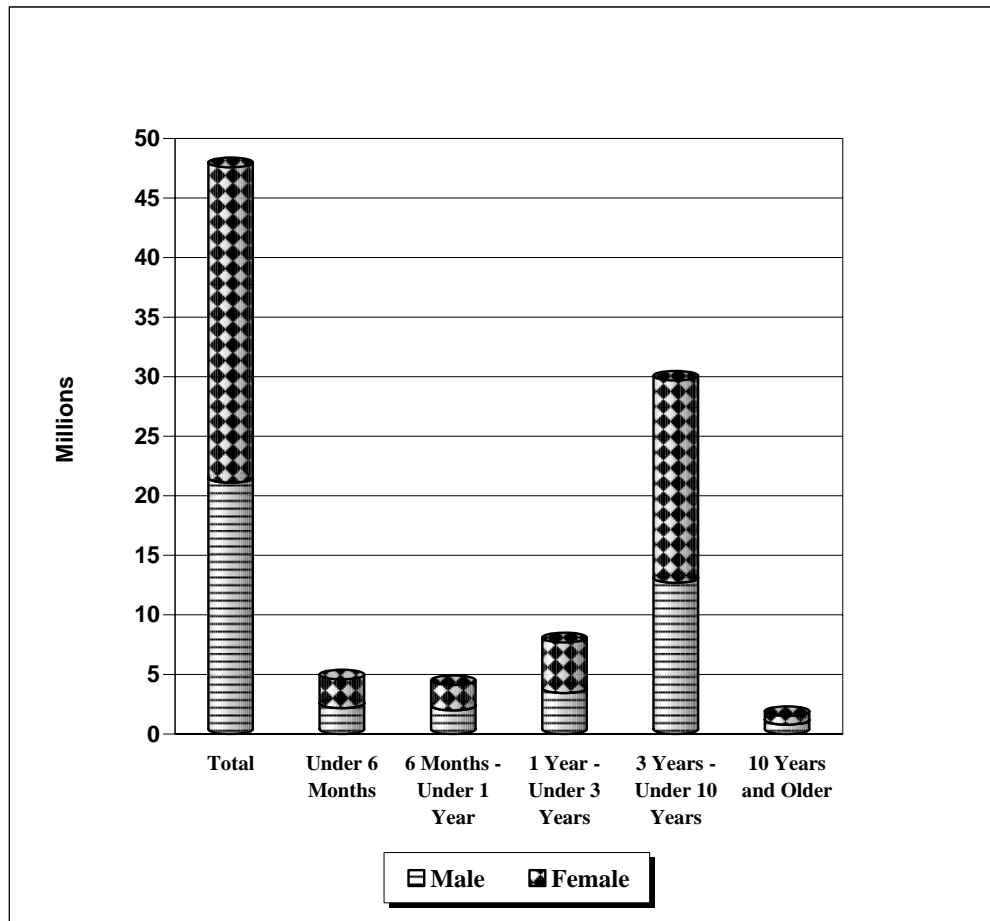
On the other hand, the results obtained indicated that 99.25 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.65 percent and 0.09 percent, respectively. Moreover,

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 24.26 percent and the percentage share of beef cattle is the lowest that is about 0.83 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 - 2007/08

| Age, Breed, and Purpose | Total | | Male | | Female | |
|-------------------------------------|------------|-------|------------|-------|------------|-------|
| | Number | % | Number | % | Number | % |
| Total | 47,570,675 | 100 | 21,101,254 | 44.36 | 26,469,421 | 55.64 |
| Under 6 months | 4,586,808 | 9.64 | 2,180,519 | 4.58 | 2,406,289 | 5.06 |
| 6 months - under 1 year | 4,108,405 | 8.64 | 1,987,742 | 4.18 | 2,120,662 | 4.46 |
| 1 year – under 3 years | 7,691,547 | 16.17 | 3,442,853 | 7.24 | 4,248,694 | 8.93 |
| 3 years – under 10 years..... | 29,667,352 | 62.36 | 12,699,924 | 26.7 | 16,967,428 | 35.67 |
| 10 years and older | 1,516,564 | 3.19 | 790,216 | 1.66 | 726,348 | 1.53 |
| Cattle by Breed | | | | | | |
| Total | 47,570,675 | 100 | 21,101,254 | 44.36 | 26,469,421 | 55.64 |
| Indigenous | 47,215,947 | 99.25 | 20,978,790 | 44.1 | 26,237,158 | 55.15 |
| Hybrid..... | 311,208 | 0.65 | 109,242 | 0.23 | 201,966 | 0.42 |
| Exotic..... | 43,520 | 0.09 | 13,223 | 0.03 | 30,297 | 0.06 |
| Aged 3 – 10 Years by Purpose | | | | | | |
| Total | 29,667,352 | 62.36 | 12,699,924 | 26.7 | 16,967,428 | 35.67 |
| Used for Milk | 7,198,027 | 15.13 | | | 7,198,027 | 15.13 |
| Used for Draught..... | 11,539,649 | 24.26 | 11,425,923 | 24.02 | 113,726 | 0.24 |
| Used for Beef | 393,744 | 0.83 | 331,511 | 0.7 | 62,233 | 0.13 |
| Used for Breeding | 9,104,274 | 19.14 | 489,668 | 1.03 | 8,614,606 | 18.11 |
| Used for Other..... | 1,431,657 | 3.01 | 452,821 | 0.95 | 978,835 | 2.06 |
| Dairy Animals | | | | | | |
| Dairy Cows..... | 7,198,027 | 15.13 | | | 7,198,027 | 15.13 |
| Milking Cows..... | 9,923,124 | 20.86 | | | 9,923,124 | 20.86 |

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



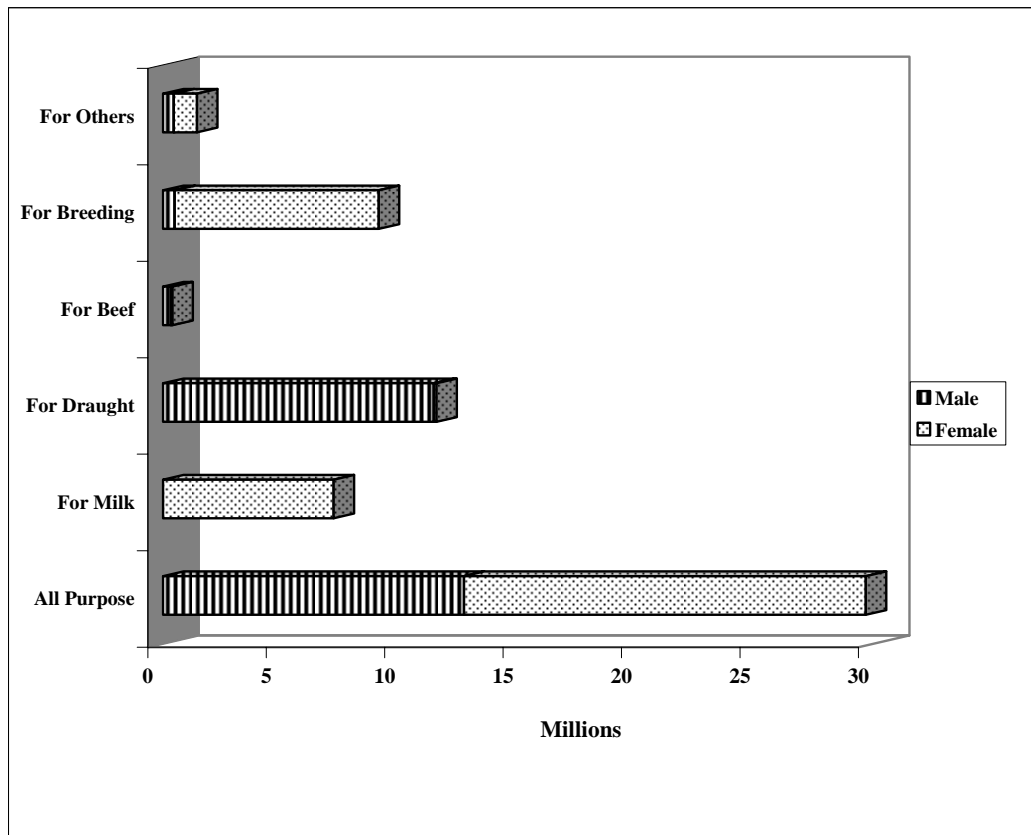
Dairy-cows¹ are estimated to be around 7.2 million and milking-cows² are 9.9 million heads during the reference period.

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

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

²A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2006 to Nov. 11, 2007).

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



3.1.2 Sheep And Goat Populations

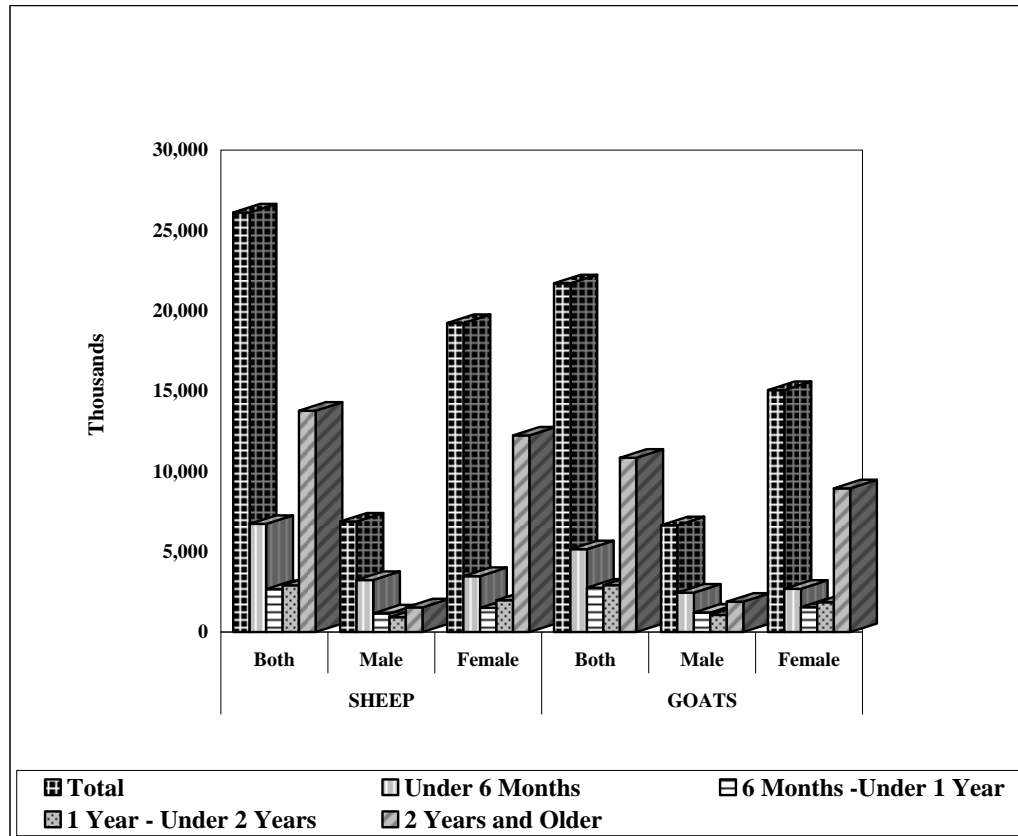
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 26.12 million sheep are estimated to be found in the country, out of which about 74 percent are females, and about 26 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 21.71million. Out of these total goats, about 69 percent are females and 31 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 - 2007/08

| Age, Breed, and Purpose | Total | | Male | | Female | |
|--|------------|-------|-----------|-------|------------|-------|
| | Number | % | Number | % | Number | % |
| Total Sheep | 26,117,272 | 100 | 6,886,501 | 26.37 | 19,230,771 | 73.63 |
| Under 6 months..... | 6,736,240 | 25.79 | 3,248,091 | 12.44 | 3,488,149 | 13.36 |
| 6 months - under 1 year..... | 2,679,558 | 10.26 | 1,163,234 | 4.45 | 1,516,324 | 5.81 |
| 1 year - under 2 years..... | 2,922,556 | 11.19 | 933,101 | 3.57 | 1,989,455 | 7.62 |
| 2 years and older..... | 13,778,918 | 52.76 | 1,542,074 | 5.9 | 12,236,844 | 46.85 |
| Sheep by Breed | | | | | | |
| Total..... | 26,117,272 | 100 | 6,886,501 | 26.37 | 19,230,771 | 73.63 |
| Indigenous..... | 26,089,645 | 99.89 | 6,875,335 | 26.32 | 19,214,310 | 73.57 |
| Hybrid..... | 25,337 | 0.1 | * | * | 15,652 | 0.06 |
| Exotic..... | * | * | * | * | * | * |
| Sheep Aged 2 Years and Older by Purpose | | | | | | |
| Total..... | 13,778,918 | 52.76 | 1,542,074 | 5.9 | 12,236,844 | 46.85 |
| Used for Mutton..... | 665,991 | 2.55 | 585,651 | 2.24 | 80,340 | 0.31 |
| Used for Wool..... | 84,771 | 0.32 | 8,177 | 0.03 | 76,594 | 0.29 |
| Used for Breeding..... | 12,933,014 | 49.52 | 892,017 | 3.42 | 12,040,997 | 46.1 |
| Used for Other..... | 95,141 | 0.36 | 56,229 | 0.22 | 38,912 | 0.15 |
| Total Goats | 21,709,428 | 100 | 6,651,413 | 30.64 | 15,058,015 | 69.36 |
| Under 6 months... | 5,159,047 | 23.76 | 2,460,318 | 11.33 | 2,698,729 | 12.43 |
| 6 months - under 1 year..... | 2,768,400 | 12.75 | 1,219,454 | 5.62 | 1,548,946 | 7.13 |
| 1 year - under 2 years..... | 2,933,562 | 13.51 | 1,070,525 | 4.93 | 1,863,038 | 8.58 |
| 2 years and older..... | 10,848,418 | 49.97 | 1,901,116 | 8.76 | 8,947,302 | 41.21 |
| Goats by Breed | | | | | | |
| Total..... | 21,709,428 | 100 | 6,651,413 | 30.64 | 15,058,015 | 69.36 |
| Indigenous..... | 21,707,225 | 99.99 | 6,650,992 | 30.64 | 15,056,233 | 69.35 |
| Hybrid..... | * | * | * | * | * | * |
| Exotic..... | - | - | - | - | - | - |
| Goats Aged 2 Years and Older by Purpose | | | | | | |
| Total..... | 10,848,418 | 49.97 | 1,901,116 | 8.76 | 8,947,302 | 41.21 |
| Used for Milk..... | 704,175 | 3.24 | | | 704,175 | 3.24 |
| Used for Meat..... | 778,107 | 3.58 | 728,139 | 3.35 | 49,968 | 0.23 |
| Used for Breeding..... | 9,262,082 | 42.66 | 1,115,719 | 5.14 | 8,146,363 | 37.52 |
| Used for Other..... | 104,054 | 0.48 | 57,257 | 0.26 | 46,797 | 0.22 |

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (53 percent and 50 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26 percent and 24 percent, correspondingly (see Figure III.3).

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



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

Summary Table III.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the country. The percentages of both sheep and goats kept for mutton and meat are significantly higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (53% of the total sheep), 49.5 percent are kept for breeding; about three percent for mutton and less than one percent of them were kept for wool production. Likewise, amid the goat population aged two years and older (50% of the total), goats kept for breeding accounted for about 42.7 percent while goats kept for meat accounted for about 3.58 percent. The number of female goats kept for milk at country level is estimated to be about 704 thousand, which is 3.24 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

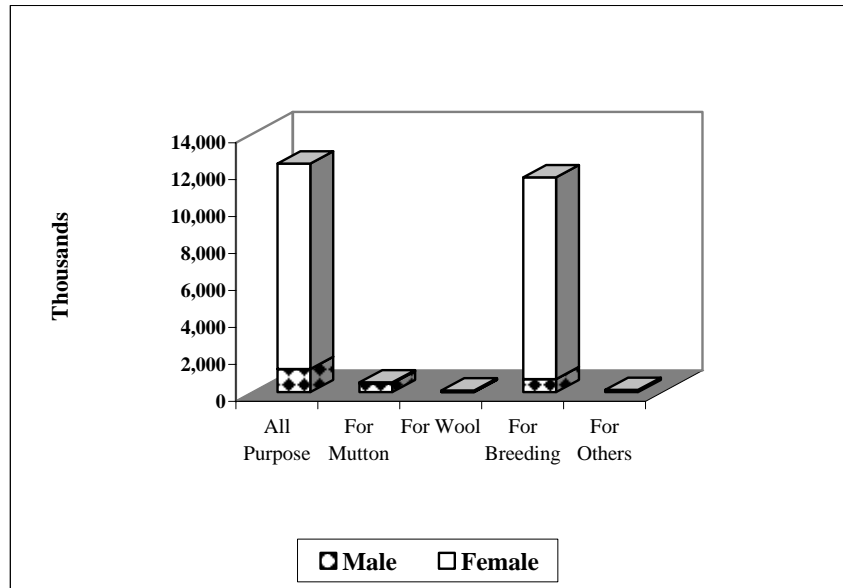
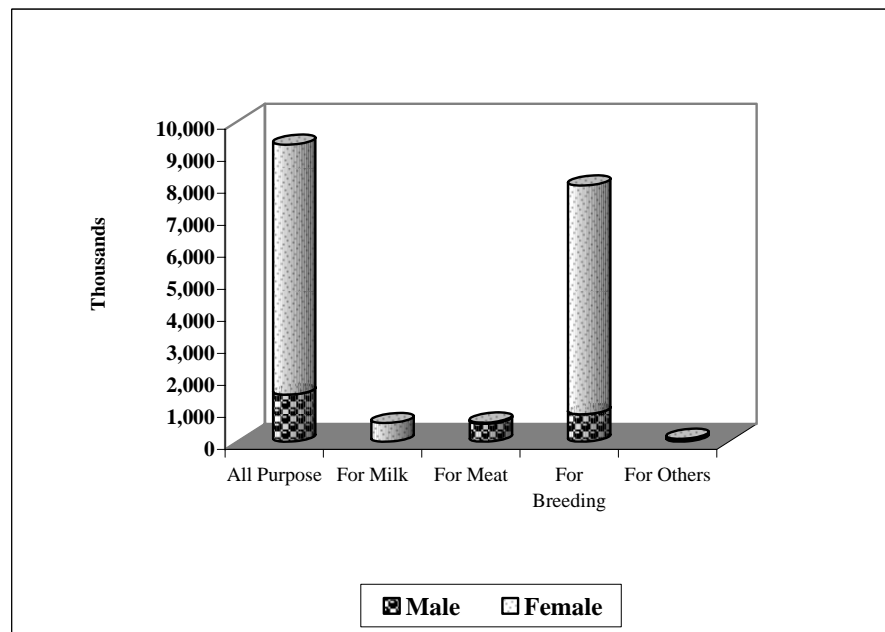


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 1.78 million horses, 5.57 million donkeys, 0.38 million mules, and one million camels in the sedentary areas of the country.

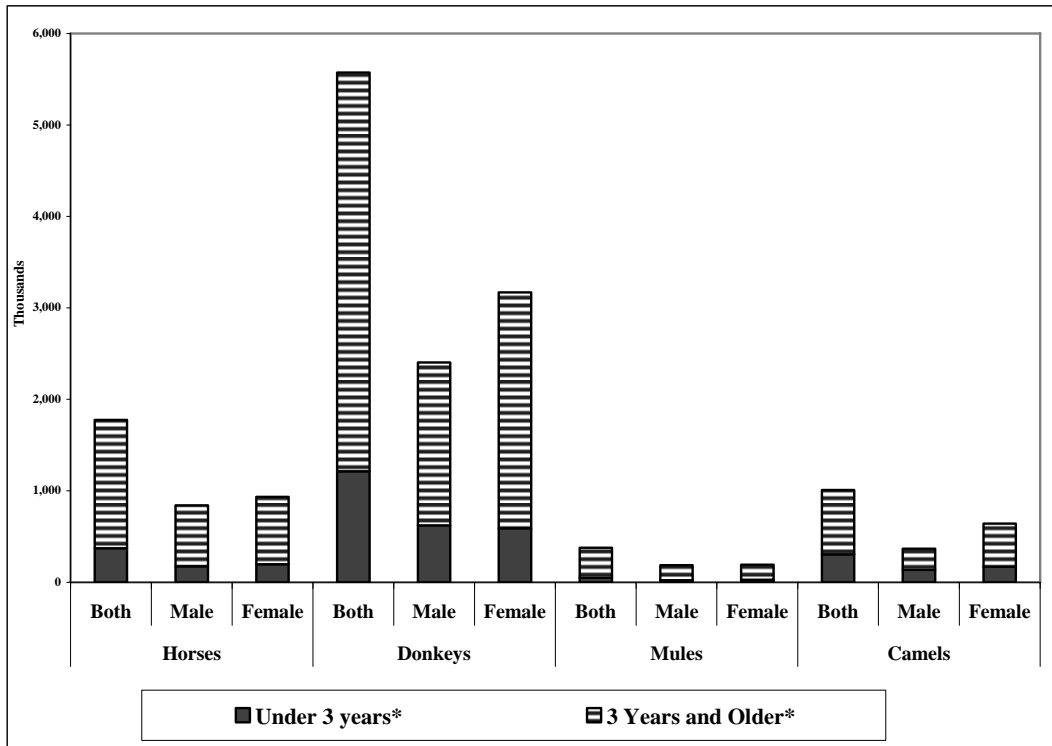
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 57 percent are females and the remaining 43 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 70 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 1.08 million were used for transportation, 0.15 million were for draught and the remaining 0.18 million were used for other purposes. With regard to donkeys, about 3.45 million were used for transportation whereas about 0.74 million and 0.17 million were used for draught and other purposes, respectively.

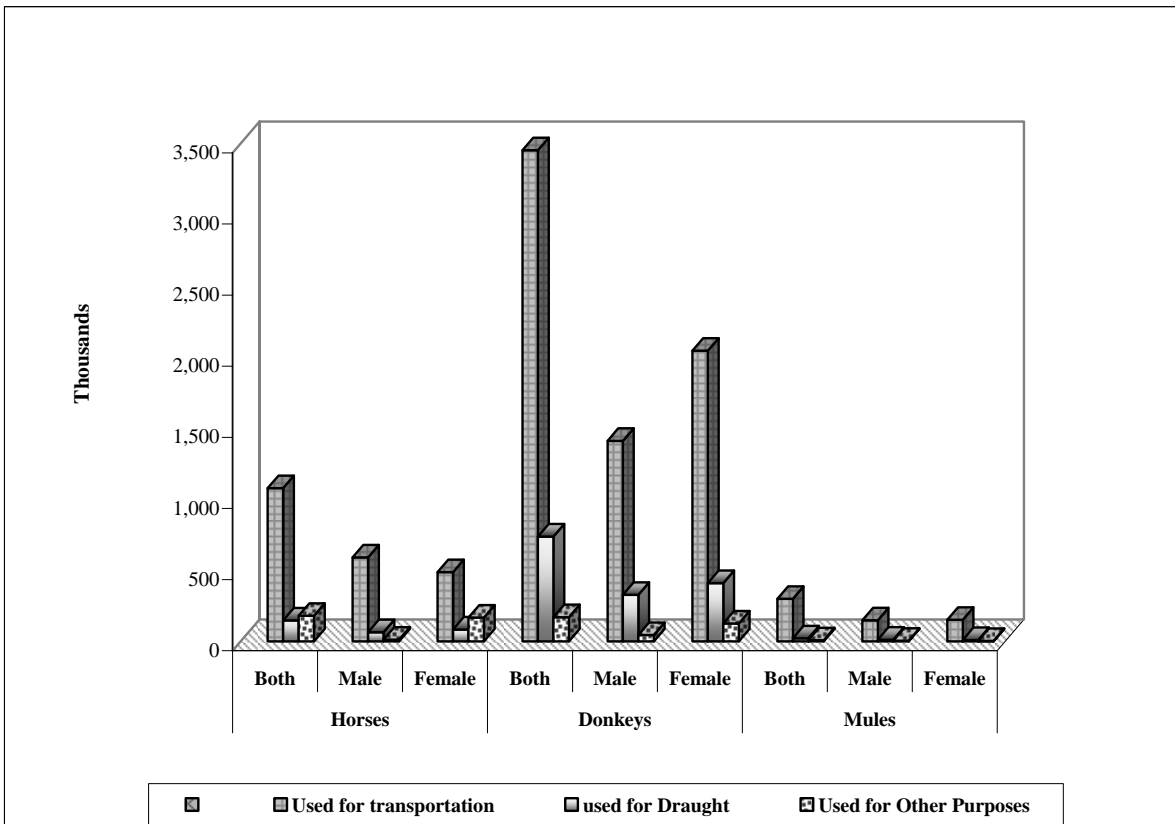
**SUMMARY TABLE III.3: Estimated Numbers of Horses, Donkeys, Mules,
and Camels by Sex, Age, and Purpose, Ethiopia - 2007/08**

| Age, Breed, and Purpose | Total | | Male | | Female | |
|--|-----------|-------|-----------|-------|-----------|-------|
| | Number | % | Number | % | Number | % |
| Total Horses..... | 1,775,794 | 100 | 840,885 | 47.35 | 934,909 | 52.65 |
| Under 3 Years | 372,310 | 20.97 | 174,924 | 9.85 | 197,385 | 11.12 |
| 3 years and older..... | 1,403,484 | 79.03 | 665,960 | 37.5 | 737,524 | 41.53 |
| Horses Aged 3 Years and Older by Purpose | | | | | | |
| All Uses | 1,403,484 | 79.03 | 665,960 | 37.5 | 737,524 | 41.53 |
| Transportation | 1,076,683 | 60.63 | 589,975 | 33.22 | 486,707 | 27.41 |
| Draught | 147,245 | 8.29 | 63,845 | 3.6 | 83,400 | 4.7 |
| Other Uses | 179,557 | 10.11 | 12,140 | 0.68 | 167,417 | 9.43 |
| Total Donkeys..... | 5,572,931 | 100 | 2,403,292 | 43.12 | 3,169,638 | 56.88 |
| Under 3 Years... | 1,214,278 | 21.79 | 622,295 | 11.17 | 591,983 | 10.62 |
| 3 years and older..... | 4,358,653 | 78.21 | 1,780,997 | 31.96 | 2,577,655 | 46.25 |
| Donkeys Aged 3 Years and Older by Purpose | | | | | | |
| All Uses | 4,358,653 | 78.21 | 1,780,997 | 31.96 | 2,577,655 | 46.25 |
| Transportation | 3,452,425 | 61.95 | 1,409,572 | 25.29 | 2,042,853 | 36.66 |
| Draught | 736,610 | 13.22 | 327,422 | 5.88 | 409,188 | 7.34 |
| Other Uses | 169,617 | 3.04 | 44,003 | 0.79 | 125,614 | 2.25 |
| Total Mules..... | 376,682 | 100 | 186,045 | 49.39 | 190,637 | 50.61 |
| Under 3 Years | 50,865 | 13.5 | 23,023 | 6.11 | 27,842 | 7.39 |
| 3 years and older..... | 325,817 | 86.5 | 163,023 | 43.28 | 162,794 | 43.22 |
| Mules Aged 3 Years and Older by Purpose | | | | | | |
| All Uses | 325,817 | 86.5 | 163,023 | 43.28 | 162,794 | 43.22 |
| Transportation | 298,664 | 79.29 | 147,633 | 39.19 | 151,031 | 40.1 |
| Draught | 20,557 | 5.46 | 11,521 | 3.06 | 9,036 | 2.4 |
| Other Uses | 6,596 | 1.75 | 3,869 | 1.03 | 2,727 | 0.72 |
| Total Camels..... | 1,009,040 | 100 | 367,556 | 36.43 | 641,484 | 63.57 |
| Under 4 Years | 305,676 | 30.29 | 135,713 | 13.45 | 169,963 | 16.84 |
| 4 years and older..... | 703,364 | 69.71 | 231,843 | 22.98 | 471,521 | 46.73 |
| Camels Aged 4 Years and Older by Purpose | | | | | | |
| All Uses | 703,364 | 69.71 | 231,843 | 22.98 | 471,521 | 46.73 |
| Meat | 48,251 | 4.78 | 42,870 | 4.25 | 5,381 | 0.53 |
| Milk..... | 346,494 | 34.34 | | | 346,494 | 34.34 |
| Transportation | 182,379 | 18.07 | 159,120 | 15.77 | 23,259 | 2.31 |
| Draught | 8,923 | 0.88 | 6,417 | 0.64 | 2,506 | 0.25 |
| Other Uses | 117,317 | 11.63 | 23,435 | 2.32 | 93,882 | 9.3 |

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

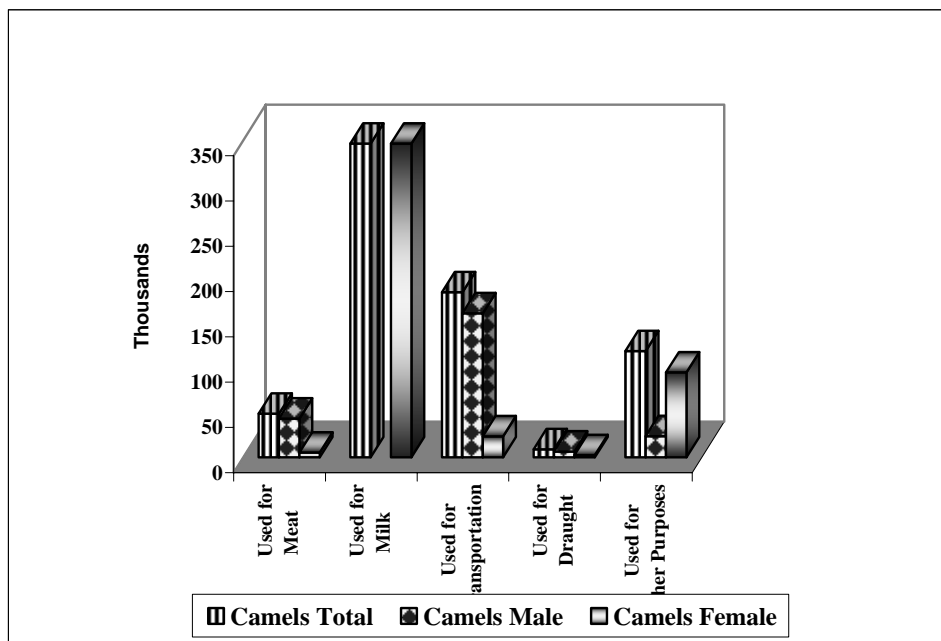


* Note that for camels the 'Age Categories' are under 4 years and 4 years & older
FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX



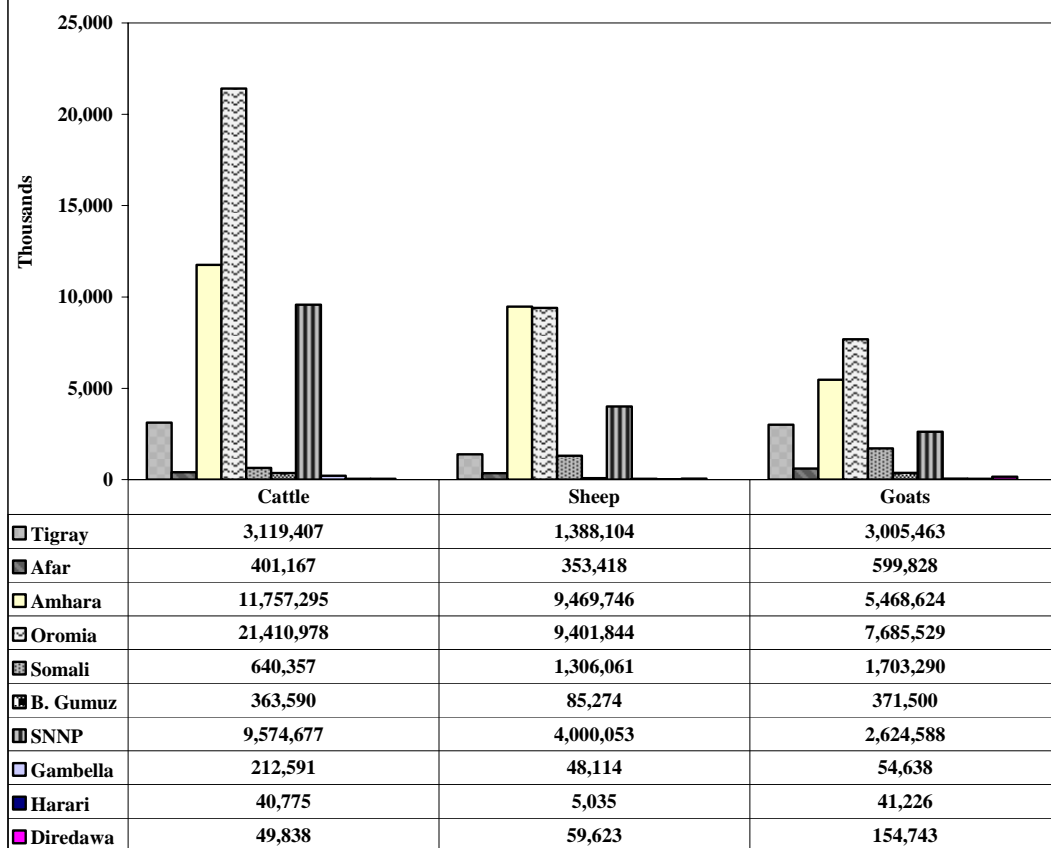
Considering the purpose of the mules, the data shows that the predominance (79%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 34.34 percent of the camels reported were kept for milk, 18.07 percent were for transportation, and only 0.88 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 48 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

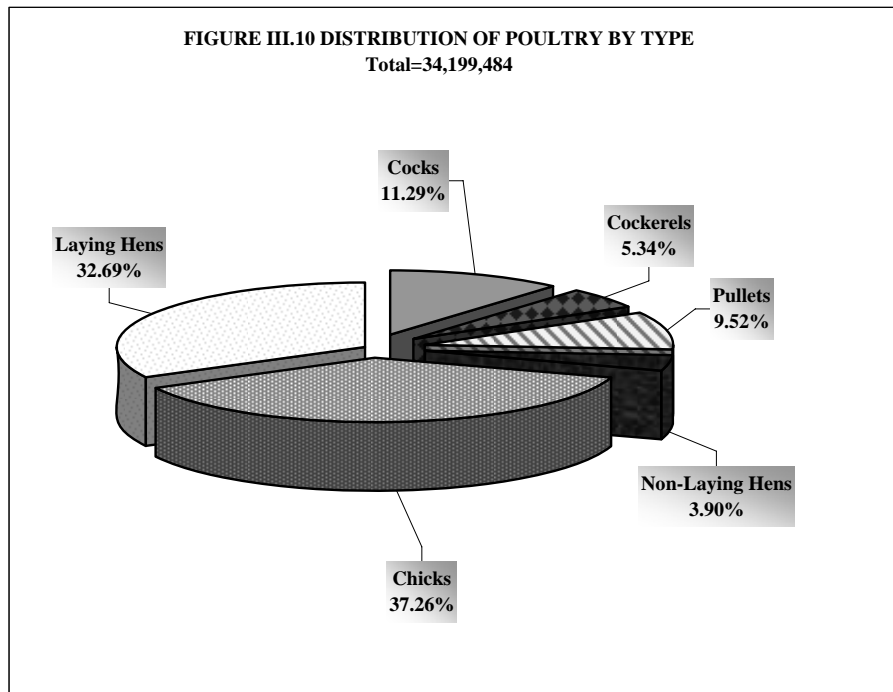


3.1.4 Poultry Population

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 39.6 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 (37.26 percent), followed by laying hens (32.69 percent). Pullets are estimated to be 3.77 million in the country. Cocks and cockerels are also estimated separately, and are 4.47 million and 2.11 million, respectively. The others are non-laying hens that make up about 3.9 percent (1.54 million) of the total poultry population in the country. With regard to breed, 96.57 percent, 3.08 percent and 0.35 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 - 2007/08**

| Type of Poultry | All | | Indigenous | | Hybrid | | Exotic | |
|-----------------------|------------|-------|------------|-------|-----------|------|---------|------|
| | Number | % | Number | % | Number | % | Number | % |
| All Poultry | 39,563,902 | 100 | 38,207,522 | 96.57 | 1,219,564 | 3.08 | 136,815 | 0.35 |
| Cocks | 4,466,235 | 11.29 | 4,281,304 | 10.82 | 164,857 | 0.42 | 20,074 | 0.05 |
| Cockerels | 2,114,380 | 5.34 | 2,047,319 | 5.17 | 63,470 | 0.16 | 3,592 | 0.01 |
| Pullets | 3,768,034 | 9.52 | 3,629,520 | 9.17 | 123,440 | 0.31 | 15,074 | 0.04 |
| Non-Laying Hens | 1,541,243 | 3.9 | 1,483,234 | 3.75 | 53,441 | 0.14 | 4,568 | 0.01 |
| Chicks | 14,739,754 | 37.26 | 14,419,290 | 36.45 | 305,593 | 0.77 | * | * |
| Laying Hens..... | 12,934,256 | 32.69 | 12,346,856 | 31.21 | 508,764 | 1.29 | 78,637 | 0.2 |



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).

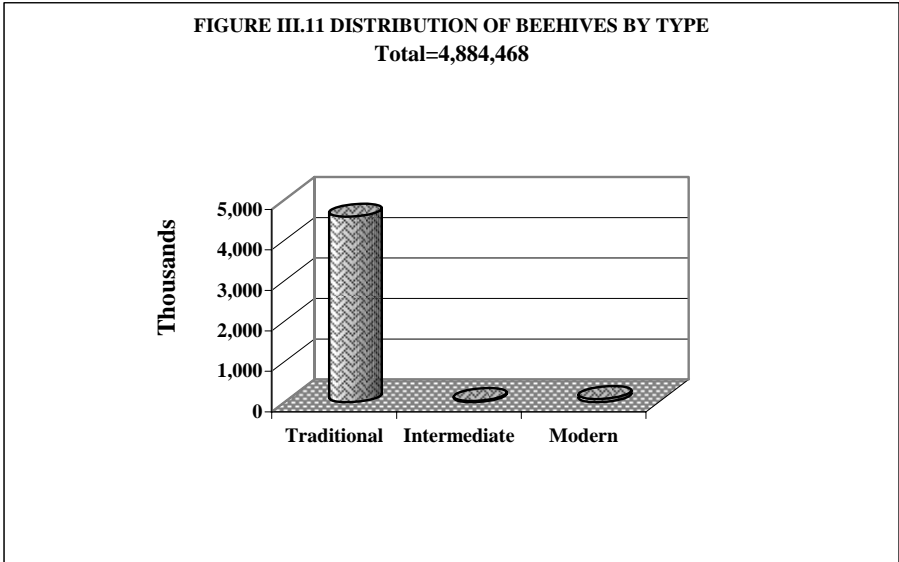
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept 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, 2006 to November 11, 2007). Accordingly, the result

of the survey revealed that a total of about 4.69 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (97.7 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type, Ethiopia - 2007/08

| Type of Beehive | Number | % |
|-----------------------------|-----------|------|
| All Beehives | 4,688,278 | 100 |
| Traditional Beehives | 4,580,303 | 97.7 |
| Intermediate Beehives | 29,421 | 0.63 |
| Modern Beehives..... | 78,554 | 1.68 |



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 52 million chickens, 11 million sheep, 9.2 million cattle and 9 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 15.33 million animals (either to build their stock or for some other reasons) and acquired about 1.8 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 - 2007/08

| Type of Livestock | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|-------------------|------------------|------------|------------|---------------------|-----------|-----------|-----------------------------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Cattle | 9,173,359 | 4,403,117 | 4,770,242 | 3,202,800 | 1,910,009 | 1,292,791 | 674,856 | 276,488 | 398,367 |
| Sheep..... | 11,384,968 | 5,387,825 | 5,997,143 | 3,344,949 | 1,474,843 | 1,870,105 | 480,918 | 87,734 | 393,184 |
| Goats | 9,001,416 | 4,195,522 | 4,805,894 | 1,835,660 | 699,475 | 1,136,184 | 253,907 | 56,633 | 197,274 |
| Horses..... | 131,647 | 59,817 | 71,830 | 152,227 | 89,117 | 63,110 | 14,165 | 3,074 | 11,092 |
| Donkeys | 420,431 | 215,517 | 204,913 | 427,787 | 247,986 | 179,801 | 27,878 | 12,042 | 15,835 |
| Mules..... | 19,370 | 9,498 | 9,871 | 48,804 | 26,734 | 22,070 | * | * | - |
| Camels..... | 127,087 | 55,299 | 71,788 | 25,250 | 20,976 | 4,274 | 2,850 | 2,021 | * |
| Poultry | 52,178,770 | 24,420,010 | 27,758,760 | 6,293,385 | 2,763,043 | 3,530,342 | 338,314 | 77,313 | 261,000 |

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 9.54 million chickens, 5.4 million sheep, 4 million cattle and 3.4 goats were sold and about 16.55 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 34 million animals and households have also offered about 0.4 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 - 2007/08

| 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 | 4,031,571 | 2,492,189 | 1,539,382 | 350,071 | 181,863 | 168,208 | 3,381,417 | 1,436,658 | 1,944,759 | 445,533 | 172,493 | 273,040 |
| Sheep | 5,398,971 | 2,804,599 | 2,594,372 | 3,018,617 | 2,250,842 | 767,775 | 5,840,020 | 1,878,439 | 3,961,581 | 243,231 | 63,136 | 180,095 |
| Goats | 3,394,361 | 1,891,041 | 1,503,320 | 1,741,473 | 1,244,114 | 497,359 | 4,959,093 | 1,791,656 | 3,167,436 | 196,718 | 60,819 | 135,899 |
| Horses | 125,079 | 70,551 | 54,528 | | | | 140,070 | 67,729 | 72,341 | 9,281 | * | 6,405 |
| Donkeys | 271,271 | 157,203 | 114,067 | | | | 343,756 | 168,025 | 175,731 | 10,303 | 3,057 | 7,246 |
| Mules | 26,381 | 14,231 | 12,151 | | | | 22,124 | 8,930 | 13,194 | 2,164 | * | 1,401 |
| Camels | 33,283 | 28,364 | 4,919 | 7,667 | 5,809 | 1,858 | 61,601 | 19,378 | 42,223 | 4,985 | 3,607 | 1,378 |
| Poultry | 9,541,166 | 5,182,116 | 4,359,050 | 11,427,842 | 7,025,515 | 4,402,327 | 34,462,943 | 15,325,311 | 19,137,631 | 401,680 | 145,865 | 255,816 |

* 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 3.22 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 249.93 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 1.540 liters. With regard to camel, the average lactation period is about *ten* months whereas the average daily milk yield is about 4.274 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 42.18 million kilograms of which the greater portion is harvested from traditional hives (see Summary Table III.8).

As can be seen from the survey data, honey was harvested on average 1.48, 1.58, and 1.56 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 68.24 million (Summary Table III.8). Average egg-laying period per hen and average number of eggs laid per hen during the reference period are also estimated for local, hybrid and exotic breeds. Consequently, the average number egg-laying period per hen per year is about *four, four* and *one* for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 20, 38 and 102 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, 34 and 94 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2007/08**

| Item | Quantity Produced and Frequency | | |
|---|---------------------------------|---------------|---------------|
| Milk Production | | | |
| Cow Milk | | | |
| Average Daily Milk Production (Liters/Cow)... | | | 1.54 |
| Average Lactation Period (Months) | | | 6 |
| Total Milk Production (Liters)..... | | | 3,221,652,407 |
| Camel Milk | | | |
| Average Daily Milk Production (Liters/Camel)... | | | 4.274 |
| Average Lactation Period (Months) | | | 10 |
| Total Milk Production (Liters)..... | | | 249,933,690 |
| Honey Production | | | |
| All Types of Beehives (Number)..... | | | 4,688,278 |
| Production (Kilograms) | | | 42,180,346 |
| Average Frequency (Harvests/Year) | | | 1.49 |
| Traditional Beehives (Number)..... | | | 4,580,303 |
| Production (Kilograms) | | | 40,075,363 |
| Average Frequency (Harvests/Year) | | | 1.48 |
| Intermediate Beehives (Number)..... | | | 29,421 |
| Production (Kilograms) | | | 467,187 |
| Average Frequency (Harvests/Year) | | | 1.58 |
| Modern Beehives (Number)..... | | | 78,554 |
| Production (Kilograms) | | | 1,637,796 |
| Average Frequency (Harvests/Year) | | | 1.56 |
| Egg Production | Indigenous | Hybrid | Exotic |
| Average Number of Egg-laying Period/Year..... | 4 | 4 | 1 |
| Average Length of a Period (in days)..... | 20 | 38 | 102 |
| Average Number of Eggs/Hen/Period..... | 12 | 34 | 94 |
| Total Egg Production (Number)..... | 68,240,818 | 6,250,801 | 792,157 |

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 - 2007/08

| Type of Livestock | Total Vaccinated | Vaccinated against: | | | | | |
|-------------------|------------------|----------------------|-----------------------|-------------------------------|-------------------------------------|-------------------------|-----------|
| | | Anthrax ³ | Blackleg ⁴ | Pleuro-Pneumonia ⁵ | Hemorrhagic Septicemia ⁶ | Rinderpest ⁷ | Others |
| Cattle..... | 13,910,148 | 4,724,568 | 4,128,191 | 1,574,600 | 1,399,184 | 381,726 | 1,701,879 |
| Sheep | 4,025,712 | 485,529 | 365,777 | 887,002 | 937,550 | 41,371 | 1,308,483 |
| Goats | 2,867,956 | 380,425 | 254,789 | 677,711 | 818,727 | 42,854 | 693,450 |
| Camels | - | - | - | - | - | - | - |

SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2007/08

| Item | Number | % |
|------------------------------|------------|-------|
| Total Afflicted..... | 20,030,732 | 100 |
| Cattle | 7,084,627 | 35.37 |
| Sheep | 6,388,707 | 31.89 |
| Goats | 4,881,643 | 24.37 |
| Horses, Donkeys, and Mules . | 721,081 | 3.60 |
| Camels..... | 111,977 | 0.56 |
| Poultry..... | 842,697 | 4.21 |
| Total Treated..... | 6,576,012 | 100 |
| Cattle | 3,293,033 | 50.08 |
| Sheep..... | 1,870,520 | 28.44 |
| Goats | 1,068,829 | 16.25 |
| Horses, Donkeys, and Mules . | 280,920 | 4.27 |
| Camels..... | 24,206 | 0.37 |
| Poultry..... | 38,505 | 0.59 |

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 20.8 million. Out of these animals, about 67 percent were cattle followed by sheep, which took about 19 percent share. Goats also accounted for about 14 percent of the total vaccinated animals. The survey results also revealed that no camel was vaccinated during the reference period.

As indicated in Summary Tabel III.9b, about 20 million animals were diseased / afflicted by different types of diseases during the reference period and only 6.6 million of them were treated. The cattle constituted about 50.1 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary

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

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

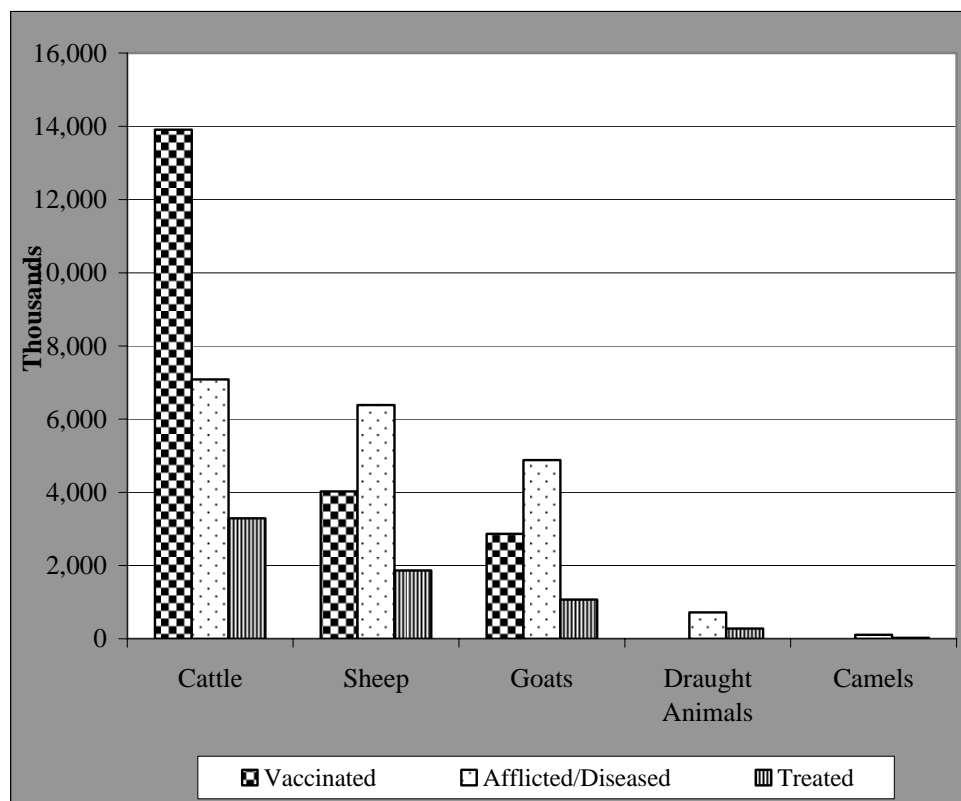
⁵ Pleuro-pneumonia – is an infectious bacterial disease of animals mainly cattle that causes cough and fever and is transmittable to other animals easily.

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

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

Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

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



3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK⁸

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

Most of the holdings, about 52 percent, reported one to four cattle and considerable portion (22.15 percent) of the holdings possess five to nine cattle. About 20 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

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

Summary Table III.10a: Number of Holdings by Size of Cattle,
Ethiopia - 2007/08

| Size | Number of Holdings | % |
|----------------------------|--------------------|-------|
| All Holdings..... | 13,120,767 | 100 |
| Holdings with no Cattle... | 2,590,914 | 19.75 |
| 1-2 Head..... | 3,478,057 | 26.51 |
| 3-4 Head..... | 3,356,546 | 25.58 |
| 5-9 Head..... | 2,906,563 | 22.15 |
| 10-19 Head..... | 661,112 | 5.04 |
| 20-49 Head..... | 117,380 | 0.89 |
| 50-99 Head..... | 7,586 | 0.06 |
| 100-199 Head..... | 2,123 | 0.02 |
| >=200 Head..... | 486 | 0.00 |

The result of the survey also revealed that about 24 percent and 17 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 61 percent and about 71 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 – 2007/08

| Size | Sheep | | Goats | |
|-------------------------------|--------------------|-------|--------------------|-------|
| | Number Of Holdings | % | Number of Holdings | % |
| All Holdings..... | 13,120,767 | 100 | 13,120,767 | 100 |
| Holdings with no Sheep/Goats. | 7,956,621 | 60.64 | 9,363,786 | 71.37 |
| 1-4 Head..... | 3,209,356 | 24.46 | 2,227,876 | 16.98 |
| 5-9 Head..... | 1,359,606 | 10.36 | 998,078 | 7.61 |
| 10-49 Head..... | 583,254 | 4.45 | 510,817 | 3.89 |
| 50-99 Head..... | 9,804 | 0.07 | 15,989 | 0.12 |
| 100-199 Head..... | 1,876 | 0.01 | 3,602 | 0.03 |
| 200-499 Head..... | 250 | 0.00 | 619 | 0.00 |
| >=500 Head..... | - | - | - | - |

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 99 percent, 97 percent, 91 percent, and 73 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 - 2007/08

| Size | Horses | | Donkeys | | Mules | | Camels | |
|---------------------------|--------------------|-------|--------------------|-------|--------------------|-------|--------------------|-------|
| | Number of Holdings | % | Number of Holdings | % | Number of Holdings | % | Number of Holdings | % |
| All Holdings..... | 13,120,767 | 100 | 13,120,767 | 100 | 13,120,767 | 100 | 13,120,767 | 100 |
| Holdings with no Animals. | 11,991,603 | 91.39 | 9,625,041 | 73.36 | 12,778,331 | 97.39 | 12,933,592 | 98.57 |
| 1-2 Head..... | 991,219 | 7.55 | 3,229,400 | 24.61 | 338,818 | 2.58 | 96,102 | 0.73 |
| 3-4 Head..... | 113,985 | 0.87 | 246,522 | 1.88 | 3,190 | 0.02 | 33,984 | 0.26 |
| 5-9 Head..... | 23,509 | 0.18 | 17,999 | 0.14 | 428 | 0.00 | 29,614 | 0.23 |
| >= 10 Head..... | 451 | 0.00 | 1,805 | 0.01 | - | - | 27,475 | 0.21 |

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (44.62 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2007/08

| Size | Number of Holdings | % |
|-----------------------------|--------------------|-------|
| All Holdings..... | 13,120,767 | 100 |
| Holdings with no Poultry... | 5,855,108 | 44.62 |
| 1-9 Head..... | 6,059,098 | 46.18 |
| 10-49 Head..... | 1,205,499 | 9.19 |
| 50-99 Head..... | 1,062 | 0.01 |
| 100-199 Head..... | - | - |
| 200-499 Head..... | - | - |

3.7 ANIMAL FEED

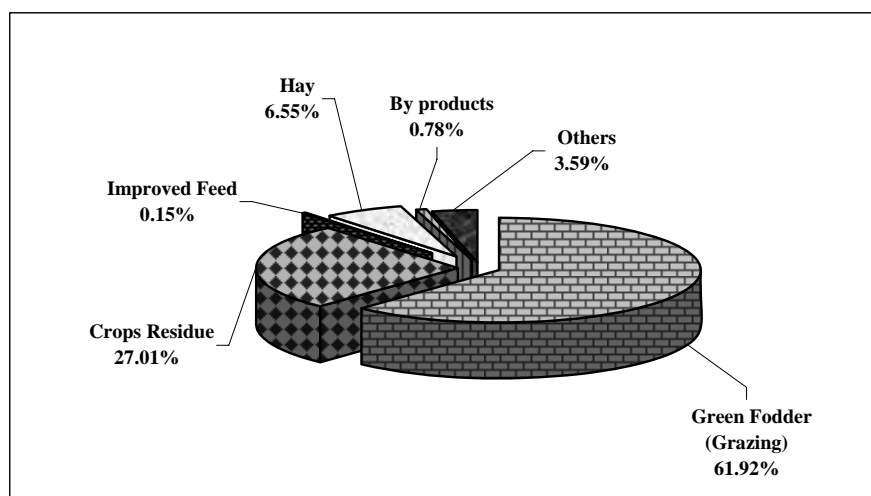
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds.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

According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 61.92 percent) followed by crops residue that is 27.01 percent. Hay and by-products were also used as animal feeds that comprise about 6.55 and 0.78 percent of the total feeds, respectively. Moreover, as shown in Summary Table III.11 and Figure III.13, very small amount of improved feed (only 0.15 percent) was used as animal feed and other types of feed that accounted for about 3.59 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2007/08

| Item | Number of Holders Reporting | Percentage from the total feed utilized |
|----------------------------|-----------------------------|---|
| Total | | 100 |
| Green Fodder/Grazing | 11,593,836 | 61.92 |
| Crops Residue..... | 9,636,670 | 27.01 |
| Improved Feed..... | 93,449 | 0.15 |
| Hay | 3,540,815 | 6.55 |
| By-products..... | 730,191 | 0.78 |
| Others..... | 3,042,341 | 3.59 |

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 11.6 million holders have used green fodder to feed their animals. Significant number of holders (about 9.6 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 3.5 million, and about 0.73 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 3.04 million) as well reported to use other types of feeds while about 93 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 - 2007/08**

| Source of Feed | Green fodder/ Grazing | Crops Residue | Improved Feed | Hay | By- products | Others |
|---------------------------------|--------------------------|------------------|------------------|-----------|-----------------|-----------|
| All Sources..... | 11,758,296 | 9,793,783 | 96,474 | 3,612,269 | 737,316 | 3,090,405 |
| Own Holding..... | 4,260,414 | 8,799,001 | 72,192 | 2,428,312 | 351,644 | 2,158,650 |
| Purchased..... | 234,024 | 170,262 | 16,765 | 514,993 | 345,778 | 485,681 |
| Communal Holdings/Government | 3,962,829 | 107,415 | 2,029 | 95,527 | 3,298 | 39,640 |
| From any Two or More Sources... | 3,086,704 | 601,699 | 3,829 | 520,229 | 28,049 | 214,819 |
| Other Sources..... | 214,325 | 115,406 | 1,659 | 53,208 | 8,547 | 191,615 |

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 133 thousand holders (about one percent of the total holders) were involved in livestock extension packages during the reference period. More than half of these holders were involved in beef and poultry development packages. About a quarter of them were engaged in dairy development packages whereas 16% of them have practiced honey and wax development package. Moreover, about 7% 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 - 2007/08**

| Type of Livestock Extension Packages | Number of Holders Practiced | % |
|---|--------------------------------|-------|
| Total | 133,851 | 100 |
| Dairy Development Package..... | 32,634 | 24.38 |
| Beef/Meat/Mutton Development Package..... | 45,026 | 33.64 |
| Poultry Development Package..... | 25,834 | 19.30 |
| Honey and Wax Development Package..... | 20,970 | 15.67 |
| Two or More of the Packages..... | 9,387 | 7.01 |

**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 |
| Ethiopia | 47,570,675 | 26,117,272 | 21,709,428 | 1,775,794 | 5,572,931 | 376,682 | 1,009,040 | 39,563,902 | 4,688,278 |
| Tigray | 3,119,407 | 1,388,104 | 3,005,463 | * | 462,497 | 6,665 | 34,448 | 4,262,337 | 242,868 |
| North West Tigray | 771,917 | 79,967 | 903,196 | - | 71,149 | * | 6,956 | 1,157,851 | 35,028 |
| Central Tigray | 754,280 | 318,478 | 1,237,653 | - | 135,312 | * | 4,860 | 1,255,629 | 86,574 |
| Eastern Tigray | 380,860 | 604,471 | 201,410 | * | 88,435 | * | 3,671 | 562,316 | 48,841 |
| Southern Tigray | 671,199 | 333,976 | 385,890 | * | 131,674 | * | 16,984 | 749,131 | 49,670 |
| Western Tigray | 541,151 | 51,211 | 277,314 | * | 35,927 | 950 | 1,977 | 537,409 | 22,755 |
| Afar | 401,167 | 353,418 | 599,828 | * | 32,897 | * | 142,357 | 53,856 | * |
| Zone 1 | 223,960 | 209,622 | 345,432 | * | 12,505 | - | 54,068 | 536 | - |
| Zone 3 | 177,207 | 143,796 | 254,396 | - | 20,392 | * | * | 53,320 | * |
| Amhara | 11,757,295 | 9,469,746 | 5,468,624 | 304,004 | 1,804,408 | 135,908 | 47,026 | 12,364,824 | 975,749 |
| North Gonder | 2,157,749 | 959,969 | 1,281,298 | 39,772 | 234,250 | 10,350 | - | 2,990,403 | 219,156 |
| South Gonder | 1,310,023 | 834,443 | 736,524 | 14,982 | 215,634 | 18,148 | - | 1,438,282 | 110,366 |
| North Wolo | 986,458 | 1,083,949 | 543,677 | 33,508 | 171,602 | 19,253 | 13,772 | 1,129,456 | 52,835 |
| South Wolo | 1,652,507 | 2,370,205 | 701,007 | 68,215 | 340,490 | 48,650 | * | 1,663,904 | 92,628 |
| North Shewa | 1,138,365 | 1,128,501 | 717,460 | 23,499 | 279,757 | 8,179 | * | 1,115,290 | 63,816 |
| East Gojam | 1,489,042 | 1,509,635 | 392,831 | 50,419 | 248,379 | 8,630 | - | 784,913 | 122,989 |
| West Gojam | 1,785,578 | 955,394 | 354,905 | * | 172,570 | 13,528 | - | 1,786,794 | 179,925 |
| Waghamera | 274,866 | 133,707 | 396,670 | * | 58,481 | 3,216 | - | 402,409 | 55,474 |
| Awi | 660,935 | 454,332 | 112,215 | 56,453 | 49,563 | 5,610 | - | 706,821 | 65,067 |
| Oromia | 281,362 | 39,005 | 209,776 | * | 31,859 | * | 11,255 | 310,617 | 11,467 |
| Argoba Special Wereda | 20,410 | 606 | 22,261 | - | 1,823 | * | 1,389 | 35,936 | 2,029 |
| Oromia | 21,410,978 | 9,401,844 | 7,685,529 | 1,111,943 | 2,197,828 | 180,364 | 447,688 | 14,329,775 | 2,447,294 |
| West Wellega | 898,055 | 289,569 | 115,354 | * | 101,998 | 5,676 | - | 952,302 | 319,163 |
| East Wellega | 834,163 | 271,817 | 157,806 | * | 75,463 | 2,954 | - | 780,265 | 301,557 |
| Illubabor | 893,207 | 441,313 | 188,724 | 41,735 | 18,362 | 10,587 | - | 915,505 | 453,738 |
| Jimma | 2,006,467 | 894,719 | 248,049 | 85,192 | 52,663 | 33,093 | - | 1,337,182 | 215,962 |
| West Shewa | 1,641,785 | 940,417 | 320,114 | 158,697 | 117,955 | 11,355 | - | 937,252 | 120,406 |
| North Shewa | 1,410,831 | 1,097,102 | 252,947 | 96,748 | 193,810 | 9,145 | - | 522,138 | 87,016 |
| East Shewa | 1,204,478 | 702,544 | 733,537 | 13,922 | 254,834 | 9,641 | * | 829,865 | 18,314 |
| Arsi | 2,510,936 | 1,651,661 | 718,810 | 238,094 | 300,601 | 25,280 | * | 1,491,231 | 105,274 |
| West Harerghe | 1,247,429 | 214,017 | 980,004 | * | 183,068 | 3,364 | 22,047 | 1,218,014 | 68,220 |
| East Harerghe | 1,443,614 | 365,252 | 1,292,484 | * | 214,940 | - | * | 1,254,362 | 68,311 |
| Bale | 1,294,744 | 264,470 | 794,277 | 32,334 | 188,114 | 18,179 | 36,036 | 620,137 | 118,257 |
| Borena | 1,224,163 | 241,584 | 676,890 | 2,023 | 55,411 | 5,486 | 97,131 | 471,800 | 71,844 |
| South West Shewa | 821,641 | 238,945 | 200,461 | 40,996 | 125,612 | 9,386 | - | 534,999 | 51,198 |
| Guji | 1,164,073 | 395,423 | 427,338 | 140,720 | 55,816 | 17,234 | 48,662 | 761,245 | 127,544 |
| West Arsi | 1,861,402 | 967,126 | 341,134 | 211,731 | 179,831 | 5,439 | - | 636,733 | 51,487 |
| Kelem Wellega | 350,838 | 217,697 | 131,823 | * | 29,282 | 9,911 | - | 744,471 | 173,713 |
| Horoguduru Wellega | 603,154 | 208,189 | 105,775 | 27,810 | 50,067 | 3,634 | - | 322,274 | * |

TABLE 3-1 CONT'D

| Geographic Area | ALL LIVESTOCK | | | | | | | | |
|-------------------------|---------------|-----------|-----------|---------|---------|--------|---------|-----------|----------|
| | CATTLE | SHEEP | GOATS | HORSES | DONKEYS | MULES | CAMELS | POULTRY | BEEHIVES |
| Somale | 640,357 | 1,306,061 | 1,703,290 | * | * | * | 330,563 | 113,082 | * |
| Shinele | 37,318 | 218,817 | 548,925 | - | 16,896 | - | 27,728 | 1,674 | - |
| Jijiga | 377,363 | 855,835 | 642,017 | - | 54,196 | - | 81,221 | 15,669 | * |
| Liben | 225,676 | 231,409 | 512,348 | * | * | * | 221,614 | 95,740 | - |
| Benshangul-Gumuz | 363,590 | 85,274 | 371,500 | 280 | 50,738 | 682 | - | 708,027 | 186,068 |
| Metekel | 246,660 | 42,568 | 158,805 | 280 | 21,076 | 276 | - | 328,443 | 108,316 |
| Asosa | 65,108 | 18,593 | 145,076 | - | 21,230 | * | - | 210,728 | 41,503 |
| Kemeshi | 16,393 | 11,767 | 52,534 | - | 5,741 | * | - | 104,581 | 11,578 |
| Pawe Special | 20,441 | 2,578 | 2,515 | - | 367 | * | - | 27,207 | 577 |
| Mao Komo | 14,989 | 9,769 | 12,569 | - | 2,325 | * | - | 37,070 | 24,093 |
| SNNP | 9,574,677 | 4,000,053 | 2,624,588 | 346,335 | 364,985 | 52,456 | * | 7,465,585 | 798,901 |
| Gurage | 1,134,911 | 466,514 | 150,904 | 78,200 | 50,692 | 2,886 | - | 564,459 | 50,433 |
| Hadiya | 718,717 | 277,483 | 106,058 | 27,260 | 57,080 | 6,700 | - | 677,239 | 46,012 |
| Kembata Tembaro | 341,541 | 112,323 | 50,667 | 6,388 | 18,175 | 1,850 | - | 300,835 | 24,211 |
| Sidama | 1,573,283 | 429,562 | 153,125 | 50,534 | 66,752 | * | - | 967,326 | 63,539 |
| Gedio | 116,995 | 181,231* | - | 17,087 | * | 4,642 | - | 212,106 | 42,482 |
| Wolayita | 764,999 | 220,150 | 112,550 | * | 24,707 | * | - | 613,062 | 30,444 |
| South Omo | 818,754 | 420,389 | 878,172 | 18,379 | 9,873 | 3,876 | - | 536,912 | 83,651 |
| Shaka | 84,827 | 52,211 | 9,468 | 4,711 | 1,458 | 818 | - | 130,857 | 53,901 |
| Kaffa | 934,532 | 473,743 | 147,797 | 58,268 | * | 9,320 | - | 755,058 | 195,208 |
| Gamo Gofa | 1,058,731 | 368,215 | 229,327 | 20,238 | 18,513 | 5,583 | - | 784,833 | 40,801 |
| Bench Maji | 426,598 | 196,685 | 68,023 | 11,656 | * | 1,976 | - | 564,192 | * |
| Yem Sp. Wereda | 67,381 | 30,856 | 19,644 | 732 | 2,717 | * | - | 29,390 | 7,831 |
| Amaro Sp. Wereda | 115,045 | 41,794 | 74,588 | 3,265 | 1,167 | 1,025 | - | 60,090 | 6,944 |
| Burji Sp. Wereda | 45,973 | 4,868 | 30,610 | - | 4,415 | 151 | * | 32,101 | 1,099 |
| Konso Sp. Wereda | 146,041 | 141,070 | 267,938 | - | 6,492 | - | - | 164,034 | 29,518 |
| Derashe Sp. Wereda | 60,659 | 21,918 | 74,857 | * | 12,537 | * | - | 124,473 | 1,881 |
| Dawro | 332,490 | 106,163 | 51,755 | 6,724 | 2,655 | 5,237 | - | 171,716 | 9,483 |
| Basketo Sp. Wereda | 34,585 | 12,515 | * | 378 | * | 453 | - | 55,823 | 3,096 |
| Konta Sp. Wereda | 71,212 | 16,457 | 11,873 | 1,137 | * | 510 | - | 77,226 | 20,263 |
| Silte | 544,392 | 367,518 | 99,560 | 32,735 | 53,677 | 3,833 | - | 497,404 | 22,404 |
| Alaba Sp. Wereda | 183,011 | 58,388 | 66,221 | 4,438 | 28,449 | * | - | 146,450 | 10,791 |
| Gambela region | 212,591 | 48,114 | 54,638 | 336 | * | * | - | 173,844 | 35,122 |
| Agnuwak | 30,410 | * | 12,571 | - | * | - | - | 92,477 | * |
| Nuware | 112,871 | 23,351 | 27,601 | - | - | - | - | 10,884 | - |
| Mezhenger | 17,921 | 8,816 | 1,169 | 336 | * | * | - | 45,803 | 31,515 |
| Itang Special | 51,389 | 13,593 | 13,297 | - | * | - | - | 24,680 | - |
| Harari | 40,775 | 5,035 | 41,226 | - | 8,328 | - | * | 36,288 | 1,056 |
| Hundene | 40,775 | 5,035 | 41,226 | - | 8,328 | - | * | 36,288 | 1,056 |
| Dire Dawa | 49,838 | 59,623 | 154,743 | - | 14,083 | - | 5,060 | 56,283 | 950 |

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

| Geographic Area | CATTLE | | | | | | | | | | |
|--------------------|------------|------------|------------|--------------|-------------|--------------|------------|------------|--------------|-------------|--------------|
| | ALL CATTLE | MALE | | | | | FEMALE | | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <3 yrs | 3 - <10 yrs | 10 yrs &Over | < 6 Months | 6 Mo < 1yr | 1yr - <3 yrs | 3 - <10 yrs | 10 yrs &Over |
| Ethiopia | 47,570,675 | 2,180,519 | 1,987,742 | 3,442,853 | 12,699,924 | 790,216 | 2,406,289 | 2,120,662 | 4,248,694 | 16,967,428 | 726,348 |
| Tigray | 3,119,407 | 150,372 | 105,291 | 216,377 | 922,849 | 79,677 | 169,583 | 125,890 | 249,609 | 1,036,743 | 63,015 |
| North West Tigray | 771,917 | 39,740 | 27,944 | 50,748 | 197,067 | 19,918 | 50,018 | 36,511 | 63,519 | 268,267 | 18,187 |
| Central Tigray | 754,280 | 30,399 | 18,138 | 60,833 | 274,267 | 18,669 | 31,076 | 23,029 | 59,183 | 227,657 | 11,031 |
| Eastern Tigray | 380,860 | 17,533 | 14,207 | 30,737 | 120,110 | 6,050 | 17,648 | 16,457 | 30,128 | 124,043 | 3,947 |
| Southern Tigray | 671,199 | 31,528 | 21,038 | 36,011 | 232,455 | 24,324 | 35,728 | 23,151 | 41,761 | 215,413 | 9,788 |
| Western Tigray | 541,151 | 31,172 | 23,965 | 38,048 | 98,950 | 10,717 | 35,114 | 26,741 | 55,018 | 201,363 | 20,062 |
| Afar | 401,167 | 22,188 | 18,805 | 17,561 | 33,236 | 442 | 38,550 | 32,814 | 42,330 | 193,637 | 1,604 |
| Zone 1 | 223,960 | 12,415 | 9,363 | 7,763 | 13,823 | * | 20,878 | 16,252 | 22,579 | 119,321 | 1,402 |
| Zone 3 | 177,207 | 9,774 | 9,442 | 9,797 | 19,413 | 277 | 17,672 | 16,562 | 19,751 | 74,317 | * |
| Amhara | 11,757,295 | 445,297 | 397,612 | 862,832 | 3,906,997 | 387,028 | 496,122 | 406,450 | 916,787 | 3,695,434 | 242,736 |
| North Gonder | 2,157,749 | 90,395 | 86,539 | 189,788 | 595,603 | 73,045 | 95,935 | 94,677 | 188,153 | 678,949 | 64,665 |
| South Gonder | 1,310,023 | 52,359 | 37,785 | 106,550 | 445,588 | 54,193 | 52,029 | 32,371 | 96,940 | 399,464 | 32,743 |
| North Wolo | 986,458 | 49,509 | 24,769 | 69,311 | 285,551 | 26,574 | 51,693 | 33,927 | 92,300 | 329,114 | 23,709 |
| South Wolo | 1,652,507 | 69,718 | 65,813 | 128,506 | 581,093 | 16,703 | 80,185 | 52,783 | 124,325 | 521,353 | 12,027 |
| North Shewa | 1,138,365 | 25,448 | 38,948 | 81,703 | 486,666 | 30,121 | 33,840 | 33,461 | 82,918 | 313,753 | 11,508 |
| East Gojam | 1,489,042 | 43,855 | 38,635 | 99,015 | 538,403 | 91,934 | 50,321 | 43,666 | 98,113 | 453,552 | 31,549 |
| West Gojam | 1,785,578 | 56,506 | 63,038 | 99,919 | 613,964 | 73,529 | 73,661 | 68,801 | 129,674 | 562,362 | 44,123 |
| Waghamera | 274,866 | 11,294 | 8,640 | 17,910 | 90,668 | 2,667 | 11,527 | 9,752 | 25,572 | 93,832 | 3,005 |
| Awi | 660,935 | 31,029 | 24,981 | 46,882 | 175,029 | 15,501 | 30,998 | 26,971 | 51,022 | 243,045 | 15,478 |
| Oromia | 281,362 | 14,049 | 7,658 | 21,648 | 88,215 | 2,627 | 14,658 | 9,248 | 26,182 | 93,295 | 3,781 |
| Argoba S. W. | 20,410 | 1,133 | 806 | 1,601 | 6,217 | 134 | 1,277 | 793 | 1,590 | 6,713 | 147 |
| Oromia | 21,410,978 | 1,006,594 | 953,817 | 1,609,530 | 5,719,491 | 272,754 | 1,074,339 | 995,395 | 1,995,998 | 7,480,620 | 302,442 |
| West Wellega | 898,055 | 27,336 | 40,796 | 62,075 | 265,098 | 5,898 | 33,474 | 43,931 | 81,487 | 327,877 | 10,083 |
| East Wellega | 834,163 | 32,158 | 41,022 | 63,725 | 246,488 | 11,305 | 30,748 | 38,485 | 70,428 | 288,441 | 11,364 |
| Illubabor | 893,207 | 31,990 | 44,582 | 60,096 | 264,741 | 5,104 | 44,220 | 46,420 | 81,343 | 305,534 | 9,178 |
| Jimma | 2,006,467 | 82,554 | 93,191 | 157,997 | 598,425 | 6,766 | 77,422 | 78,419 | 204,041 | 692,247 | 15,403 |
| West Shewa | 1,641,785 | 58,720 | 73,966 | 133,714 | 500,925 | 36,233 | 62,122 | 74,354 | 143,962 | 527,646 | 30,143 |
| North Shewa | 1,410,831 | 54,889 | 68,181 | 96,444 | 441,986 | 35,645 | 46,339 | 68,630 | 113,033 | 460,228 | 25,455 |
| East Shewa | 1,204,478 | 42,537 | 51,329 | 92,792 | 390,734 | 27,773 | 47,894 | 53,181 | 108,039 | 365,870 | 24,328 |
| Arsi | 2,510,936 | 128,926 | 89,159 | 183,674 | 729,455 | 47,203 | 138,894 | 82,408 | 217,278 | 844,721 | 49,217 |
| West Harerghe | 1,247,429 | 72,537 | 58,071 | 101,162 | 326,591 | 5,955 | 81,539 | 57,599 | 118,760 | 412,738 | 12,476 |
| East Harerghe | 1,443,614 | 93,417 | 69,092 | 147,968 | 256,750 | - | 98,687 | 71,591 | 150,751 | 542,752 | 12,605 |
| Bale | 1,294,744 | 64,740 | 63,166 | 78,925 | 379,853 | 10,276 | 66,081 | 67,199 | 103,882 | 444,133 | 16,488 |
| Borena | 1,224,163 | 79,725 | 52,564 | 81,262 | 202,965 | * | 96,399 | 66,984 | 130,787 | 487,717 | * |
| South West Shewa | 821,641 | 19,103 | 25,265 | 56,238 | 294,241 | 44,184 | 20,040 | 29,992 | 69,464 | 248,473 | 14,640 |
| Guji | 1,164,073 | 62,195 | 59,796 | 80,172 | 212,446 | 5,370 | 65,611 | 69,307 | 109,546 | 480,516 | 19,113 |
| West Arsi | 1,861,402 | 121,906 | 77,169 | 138,964 | 322,344 | 8,306 | 125,294 | 95,915 | 203,949 | 745,936 | 21,620 |
| Kelem Wellega | 350,838 | 13,760 | 18,363 | 24,746 | 109,372 | * | 15,632 | 22,036 | 32,915 | 109,904 | * |
| Horoguduru Wellega | 603,154 | 20,099 | 28,105 | 49,577 | 177,079 | 12,996 | 23,941 | 28,942 | 56,334 | 195,885 | 10,197 |

TABLE 3-2 CONT'D

| Geographic Area | CATTLE | | | | | | | | | | |
|-------------------------|------------|------------|------------|--------------|-------------|---------------|------------|------------|--------------|-------------|---------------|
| | ALL CATTLE | MALE | | | | | FEMALE | | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <3 yrs | 3 - <10 yrs | 10 yrs & Over | < 6 Months | 6 Mo < 1yr | 1yr - <3 yrs | 3 - <10 yrs | 10 yrs & Over |
| Somale | 640,357 | 51,135 | 31,646 | 34,100 | 82,227 | * | 58,583 | 40,925 | 49,695 | 280,800 | * |
| Shinele | 37,318 | 3,639 | 2,136 | 2,019 | 3,141 | - | 3,030 | 2,032 | 4,762 | 16,523 | * |
| Jijiga | 377,363 | 30,194 | 18,720 | 20,510 | 58,776 | * | 32,983 | 24,097 | 27,956 | 159,652 | * |
| Liben | 225,676 | 17,303 | 10,790 | 11,570 | 20,310 | * | 22,570 | 14,796 | 16,976 | 104,625 | * |
| Benshangul-Gumuz | 363,590 | 13,528 | 18,436 | 33,210 | 96,687 | 3,860 | 13,567 | 20,014 | 33,740 | 125,876 | 4,672 |
| Metekel | 246,660 | 9,658 | 12,592 | 22,604 | 63,793 | 3,508 | 8,711 | 14,364 | 23,313 | 84,271 | 3,845 |
| Asosa | 65,108 | 1,652 | 3,428 | 6,343 | 18,909 | * | 2,511 | 3,214 | 4,643 | 23,793 | 476 |
| Kemeshi | 16,393 | 484 | 867 | 1,458 | 4,066 | - | 583 | 708 | 2,251 | 5,975 | - |
| Pawe Special | 20,441 | 943 | 933 | 1,609 | 6,096 | 185 | 970 | 1,093 | 1,927 | 6,432 | 253 |
| Mao Komo | 14,989 | 791 | 615 | 1,196 | 3,823 | * | 792 | 635 | 1,606 | 5,405 | * |
| SNNP | 9,574,677 | 472,031 | 447,760 | 640,608 | 1,901,593 | 40,780 | 534,456 | 482,342 | 921,588 | 4,033,325 | 100,194 |
| Gurage | 1,134,911 | 56,053 | 53,455 | 75,963 | 139,706 | 2,937 | 63,336 | 58,761 | 124,933 | 545,105 | 14,660 |
| Hadiya | 718,717 | 33,232 | 35,026 | 54,090 | 177,543 | 3,099 | 30,153 | 31,462 | 57,720 | 289,719 | 6,674 |
| Kembata Tembaro | 341,541 | 15,174 | 14,536 | 25,167 | 76,674 | 1,757 | 16,716 | 17,520 | 27,073 | 143,185 | 3,738 |
| Sidama | 1,573,283 | 92,141 | 87,193 | 90,149 | 104,485 | * | 106,768 | 94,322 | 182,493 | 788,232 | 25,208 |
| Gedio | 116,995 | 4,408 | 4,261 | 10,193 | 35,340 | * | 4,757 | 3,898 | 8,971 | 44,076 | * |
| Wolayita | 764,999 | 30,981 | 37,382 | 48,029 | 168,859 | * | 41,694 | 44,683 | 65,278 | 319,266 | 8,156 |
| South Omo | 818,754 | 42,938 | 38,303 | 72,629 | 150,953 | * | 45,582 | 39,521 | 79,844 | 324,788 | 12,278 |
| Shaka | 84,827 | 5,271 | 5,629 | 5,865 | 15,308 | - | 4,805 | 5,642 | 8,964 | 33,073 | * |
| Kaffa | 934,532 | 58,692 | 39,386 | 63,733 | 211,687 | * | 59,265 | 43,437 | 100,091 | 349,731 | * |
| Gamo Gofa | 1,058,731 | 41,797 | 48,396 | 66,228 | 263,664 | 2,990 | 53,378 | 56,607 | 91,765 | 423,614 | * |
| Bench Maji | 426,598 | 24,786 | 18,246 | 25,568 | 101,701 | * | 26,380 | 19,246 | 39,913 | 167,051 | * |
| Yem Sp. Wereda | 67,381 | 1,816 | 2,033 | 3,847 | 23,288 | 271 | 1,912 | 2,287 | 4,086 | 27,206 | 635 |
| Amaro Sp. Wereda | 115,045 | 4,900 | 3,575 | 7,851 | 34,758 | * | 5,714 | 4,625 | 10,661 | 42,387 | * |
| Burji Sp. Wereda | 45,973 | 1,990 | 1,652 | 2,531 | 18,571 | 445 | 2,108 | 1,545 | 2,733 | 13,976 | 421 |
| Konso Sp. Wereda | 146,041 | 6,166 | 4,635 | 10,809 | 45,066 | 3,596 | 9,903 | 5,453 | 12,313 | 45,918 | 2,184 |
| Derashe Sp. Wereda | 60,659 | 1,547 | 2,299 | 3,805 | 26,817 | * | 1,264 | 2,159 | 3,554 | 17,959 | 360 |
| Dawro | 332,490 | 16,522 | 15,253 | 24,142 | 76,710 | * | 16,255 | 14,913 | 33,475 | 132,778 | 2,157 |
| Basketo Sp. Wereda | 34,585 | 1,475 | 1,391 | 2,728 | 10,526 | 77 | 1,376 | 1,530 | 3,182 | 12,119 | 180 |
| Konta Sp. Wereda | 71,212 | 3,215 | 4,626 | 4,657 | 18,951 | * | 3,507 | 4,084 | 6,742 | 25,279 | * |
| Silte | 544,392 | 20,267 | 24,470 | 32,395 | 145,759 | * | 29,288 | 23,663 | 46,372 | 215,617 | 4,284 |
| Alaba Sp. Wereda | 183,011 | 8,660 | 6,014 | 10,228 | 55,229 | 940 | 10,294 | 6,985 | 11,424 | 72,244 | 993 |
| Gambela Region | 212,591 | 12,966 | 10,061 | 19,718 | 23,036 | 1,104 | 14,821 | 12,817 | 28,402 | 85,832 | 3,834 |
| Angnuwak | 30,410 | 1,797 | 1,441 | 2,724 | 6,121 | * | 1,290 | 1,363 | 3,880 | 11,690 | * |
| Nuware | 112,871 | 6,485 | 4,837 | 12,439 | 12,334 | - | 8,284 | 6,343 | 16,794 | 45,166 | * |
| Mezhenger | 17,921 | 1,677 | 1,220 | 1,232 | 791 | - | 1,244 | 1,407 | 1,754 | 8,549 | * |
| Itang Special | 51,389 | 3,007 | 2,564 | 3,322 | 3,789 | 1,070 | 4,003 | 3,704 | 5,974 | 20,426 | 3,530 |
| Harari | 40,775 | 2,004 | 2,031 | 3,950 | 7,028 | - | 2,271 | 2,203 | 4,791 | 16,004 | 493 |
| Hundene | 40,775 | 2,004 | 2,031 | 3,950 | 7,028 | - | 2,271 | 2,203 | 4,791 | 16,004 | 493 |
| Dire Dawa | 49,838 | 4,404 | 2,283 | 4,967 | 6,780 | - | 3,997 | 1,813 | 5,754 | 19,157 | 683 |

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

| Geographic Area | SHEEP | | | | | | | | |
|--------------------|------------|------------|------------|--------------|-------------|------------|------------|--------------|-------------|
| | ALL SHEEP | MALE | | | | FEMALE | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over |
| Ethiopia | 26,117,272 | 3,248,091 | 1,163,234 | 933,101 | 1,542,074 | 3,488,149 | 1,516,324 | 1,989,455 | 12,236,844 |
| Tigray | 1,388,104 | 135,656 | 78,194 | 48,846 | 78,016 | 134,536 | 110,577 | 136,919 | 665,360 |
| North West Tigray | 79,967 | 7,411 | 3,741 | 3,399 | 5,799 | 8,427 | 6,671 | 6,750 | 37,771 |
| Central Tigray | 318,478 | 29,121 | 24,092 | 12,460 | 21,877 | 28,703 | 30,179 | 29,161 | 142,885 |
| Eastern Tigray | 604,471 | 63,653 | 28,276 | 19,094 | 23,528 | 57,496 | 41,933 | 53,367 | 317,124 |
| Southern Tigray | 333,976 | 28,562 | 20,122 | 11,716 | 23,424 | 34,007 | 28,410 | 43,965 | 143,769 |
| Western Tigray | 51,211 | 6,909 | * | * | 3,388 | 5,904 | 3,384 | 3,676 | 23,811 |
| Afar | 353,418 | 25,606 | 19,430 | 15,543 | 28,549 | 40,402 | 34,490 | 38,853 | 150,547 |
| Zone 1 | 209,622 | 14,059 | 10,141 | 8,288 | 15,899 | 22,702 | 18,806 | 22,884 | 96,844 |
| Zone 3 | 143,796 | 11,547 | 9,289 | 7,255 | 12,650 | 17,699 | 15,684 | 15,969 | 53,703 |
| Amhara | 9,469,746 | 1,159,109 | 381,634 | 315,752 | 587,507 | 1,199,990 | 474,485 | 623,624 | 4,727,644 |
| North Gonder | 959,969 | 125,881 | 29,452 | 23,795 | 32,004 | 138,511 | 52,984 | 66,595 | 490,748 |
| South Gonder | 834,443 | 117,482 | 36,000 | 14,279 | 25,015 | 119,965 | 40,392 | 47,388 | 433,921 |
| North Wolo | 1,083,949 | 86,720 | 49,196 | 25,233 | 116,499 | 106,252 | 61,465 | 88,702 | 549,884 |
| South Wolo | 2,370,205 | 259,098 | 116,907 | 142,494 | 218,970 | 272,815 | 107,085 | 127,310 | 1,125,526 |
| North Shewa | 1,128,501 | 116,079 | 48,340 | 47,021 | 99,983 | 125,571 | 47,249 | 70,957 | 573,301 |
| East Gojam | 1,509,635 | 223,488 | 37,222 | 24,049 | 30,096 | 203,377 | 79,891 | 106,623 | 804,888 |
| West Gojam | 955,394 | 142,658 | 42,165 | 21,946 | 32,528 | 140,262 | 52,166 | 76,031 | 447,638 |
| Waghamera | 133,707 | 10,675 | 5,081 | 6,689 | 13,433 | 11,039 | 7,157 | 8,630 | 71,001 |
| Awi | 454,332 | 71,962 | 13,547 | 7,094 | 12,772 | 79,404 | 24,603 | 29,507 | 215,442 |
| Oromia | 39,005 | 5,000 | 3,611 | 3,105 | 6,062 | 2,760 | 1,483 | 1,870 | 15,113 |
| Argoba Special | 606 | 66 | 112 | 46 | 145 | * | * | * | 181 |
| Oromia | 9,401,844 | 1,325,674 | 409,175 | 318,824 | 436,957 | 1,439,388 | 525,924 | 691,704 | 4,254,199 |
| West Wellega | 289,569 | 45,823 | 9,104 | 7,968 | 11,942 | 55,711 | 14,744 | 16,726 | 127,550 |
| East Wellega | 271,817 | 43,536 | 16,693 | 9,329 | 9,477 | 40,127 | 23,006 | 21,273 | 108,376 |
| Illubabor | 441,313 | 64,674 | 16,415 | 9,660 | 20,492 | 62,227 | 28,349 | 28,812 | 210,685 |
| Jimma | 894,719 | 133,955 | 40,033 | 31,534 | 32,178 | 127,983 | 44,409 | 68,568 | 416,058 |
| West Shewa | 940,417 | 154,160 | 18,725 | 13,049 | 17,661 | 170,330 | 31,693 | 62,558 | 472,241 |
| North Shewa | 1,097,102 | 150,075 | 36,376 | 30,361 | 50,125 | 176,866 | 36,360 | 53,093 | 563,845 |
| East Shewa | 702,544 | 81,221 | 53,986 | 44,820 | 42,887 | 79,808 | 54,111 | 74,541 | 271,171 |
| Arsi | 1,651,661 | 252,096 | 64,290 | 40,520 | 83,859 | 275,615 | 91,947 | 122,028 | 721,306 |
| West Harerghe | 214,017 | 29,702 | 9,288 | 9,185 | 7,385 | 32,481 | 11,627 | 14,659 | 99,691 |
| East Harerghe | 365,252 | 38,032 | 22,069 | 25,325 | 29,182 | 42,769 | 24,352 | 33,779 | 149,742 |
| Bale | 264,470 | 44,276 | 10,921 | 6,723 | 9,358 | 46,443 | 10,353 | 13,495 | 122,901 |
| Borena | 241,584 | 22,952 | 11,559 | 10,576 | 25,669 | 24,914 | 15,723 | 22,138 | 108,053 |
| South West Shewa | 238,945 | 32,077 | 12,854 | 9,103 | 10,142 | 37,715 | 12,244 | 14,385 | 110,425 |
| Guji | 395,423 | 41,804 | 22,794 | 13,145 | 33,492 | 47,520 | 23,542 | 29,694 | 183,430 |
| West Arsi | 967,126 | 126,888 | 42,523 | 42,564 | 38,705 | 152,497 | 74,440 | 82,874 | 406,636 |
| Kelem Wellega | 217,697 | 31,958 | 12,961 | 8,026 | 6,083 | 32,217 | 14,907 | 16,196 | 95,349 |
| Horoguduru Wellega | 208,189 | 32,445 | 8,584 | 6,937 | 8,318 | 34,164 | 14,118 | 16,885 | 86,738 |

TABLE 3-3 CONT'D

| Geographic Area | SHEEP | | | | | | | | |
|-------------------------|-----------|------------|------------|--------------|-------------|------------|------------|--------------|-------------|
| | ALL SHEEP | MALE | | | | FEMALE | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over |
| Somale | 1,306,061 | 106,059 | 74,752 | 70,133 | 180,617 | 133,015 | 111,362 | 124,279 | 505,845 |
| Shinele | 218,817 | 15,886 | 13,063 | 13,471 | 25,485 | 23,528 | 23,188 | 24,949 | 79,247 |
| Jijiga | 855,835 | 68,936 | 48,592 | 46,799 | 128,369 | 84,886 | 71,057 | 81,727 | 325,468 |
| Liben | 231,409 | 21,237 | 13,097 | 9,863 | 26,762 | 24,601 | 17,117 | 17,603 | 101,130 |
| Benshangul-Gumuz | 85,274 | 14,005 | 2,752 | 3,648 | 4,359 | 12,677 | 5,230 | 7,817 | 34,786 |
| Metekel | 42,568 | 6,944 | 1,144 | 1,583 | 2,394 | 6,498 | 1,965 | 3,068 | 18,972 |
| Asosa | 18,593 | 2,747 | 719 | 1,068 | * | 2,083 | 1,427 | 1,729 | 7,944 |
| Kemeshi | 11,767 | 1,989 | 389 | 637 | 821 | 1,864 | 618 | 1,193 | 4,256 |
| Pawe Special | 2,578 | 380 | 98 | 105 | 74 | 508 | 154 | 411 | 849 |
| Mao komo | 9,769 | 1,945 | 401 | 256 | 196 | 1,724 | 1,065 | 1,416 | 2,765 |
| SNNP | 4,000,053 | 469,416 | 189,971 | 151,142 | 218,236 | 515,277 | 245,785 | 353,103 | 1,857,123 |
| Gurage | 466,514 | 57,184 | 12,889 | 10,659 | 12,773 | 71,906 | 22,452 | 35,870 | 242,782 |
| Hadiya | 277,483 | 33,946 | 12,536 | 8,155 | 9,624 | 37,790 | 20,370 | 25,636 | 129,426 |
| Kembata Tembaro | 112,323 | 12,544 | 8,024 | 5,706 | 6,347 | 12,462 | 7,962 | 8,543 | 50,735 |
| Sidama | 429,562 | 52,444 | 22,487 | 13,367 | 13,977 | 59,811 | 27,102 | 35,700 | 204,674 |
| Gedio | 181,231 | 23,413 | 11,397 | 7,990 | 6,871 | 20,911 | 13,335 | 15,275 | 82,039 |
| Wolayita | 220,150 | 25,756 | 16,498 | 11,091 | 9,408 | 28,828 | 14,888 | 23,732 | 89,949 |
| South Omo | 420,389 | 32,045 | 26,890 | 31,846 | 48,614 | 37,042 | 31,264 | 51,684 | 161,004 |
| Shaka | 52,211 | 7,649 | 2,607 | 771 | 1,432 | 7,418 | 3,938 | 4,658 | 23,738 |
| Kaffa | 473,743 | 69,974 | 12,869 | 10,169 | 10,821 | 73,084 | 21,875 | 29,300 | 245,650 |
| Gamo Gofa | 368,215 | 37,744 | 13,369 | 15,025 | 19,655 | 41,722 | 23,654 | 43,850 | 173,195 |
| Bench Maji | 196,685 | 20,759 | 7,906 | 5,240 | 10,183 | 18,729 | 12,793 | 17,980 | 103,095 |
| Yem Sp. Wereda | 30,856 | 3,898 | 1,569 | 785 | 496 | 4,114 | 1,691 | 2,650 | 15,653 |
| Amaro Sp. Wereda | 41,794 | 3,844 | 1,614 | 2,650 | 4,016 | 4,714 | 3,132 | 4,331 | 17,493 |
| Burji Sp. Wereda | 4,868 | 538 | * | 148 | 604 | 521 | 208 | 369 | 2,271 |
| Konso Sp. Wereda | 141,070 | 10,253 | 5,570 | 8,628 | 29,402 | 13,067 | 8,695 | 13,161 | 52,295 |
| Derashe Sp. Wereda | 21,918 | 1,729 | 1,123 | 1,364 | 4,969 | 1,017 | 1,036 | 1,317 | 9,363 |
| Dawro | 106,163 | 14,167 | 9,761 | 3,981 | 5,852 | 13,206 | 7,154 | 10,895 | 41,147 |
| Basketo Sp. Wereda | 12,515 | 1,302 | 336 | 190 | 410 | 1,672 | 1,130 | 1,094 | 6,381 |
| Konta Sp. Wereda | 16,457 | 2,379 | 1,969 | 1,270 | 1,514 | 1,766 | 892 | 1,263 | 5,404 |
| Silte | 367,518 | 50,562 | 18,273 | 10,767 | 17,564 | 57,969 | 17,849 | 22,629 | 171,904 |
| Alaba Sp. Wereda | 58,388 | 7,284 | 2,075 | 1,340 | 3,703 | 7,529 | 4,365 | 3,166 | 28,926 |
| Gambela Region | 48,114 | 4,853 | 3,204 | * | 4,156 | 5,152 | 4,031 | 6,359 | 16,040 |
| Angnuwak | * | * | * | * | 173 | 317 | * | * | 1,120 |
| Nuware | 23,351 | 1,686 | 1,993 | * | * | 2,124 | 2,099 | 3,969 | 5,993 |
| Mezhenger | 8,816 | 1,789 | 479 | 400 | 456 | 1,189 | 418 | 524 | 3,562 |
| Itang Special | 13,593 | 1,118 | 637 | 509 | 1,387 | 1,522 | 1,419 | 1,638 | 5,364 |
| Harari | 5,035 | 425 | 287 | 431 | 434 | 472 | 316 | 644 | 2,025 |
| Hundene | 5,035 | 425 | 287 | 431 | 434 | 472 | 316 | 644 | 2,025 |
| Dire Dawa | 59,623 | 7,288 | 3,836 | 4,464 | 3,243 | 7,239 | 4,125 | 6,154 | 23,275 |

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

| Geographic Area | GOATS | | | | | | | | |
|--------------------|------------|------------|------------|--------------|-------------|------------|------------|--------------|-------------|
| | ALL GOATS | MALE | | | | FEMALE | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over |
| Ethiopia | 21,709,428 | 2,460,318 | 1,219,454 | 1,070,525 | 1,901,116 | 2,698,729 | 1,548,946 | 1,863,038 | 8,947,302 |
| Tigray | 3,005,463 | 278,509 | 170,153 | 155,987 | 250,731 | 309,250 | 245,814 | 293,398 | 1,301,620 |
| North West Tigray | 903,196 | 94,384 | 47,238 | 40,234 | 73,002 | 111,707 | 68,030 | 92,408 | 376,194 |
| Central Tigray | 1,237,653 | 95,193 | 79,765 | 83,302 | 117,337 | 106,799 | 102,819 | 118,618 | 533,820 |
| Eastern Tigray | 201,410 | 17,207 | 11,010 | 7,432 | 11,964 | 16,496 | 21,914 | 20,888 | 94,500 |
| Southern Tigray | 385,890 | 35,521 | 19,923 | 13,919 | 27,865 | 40,295 | 30,055 | 39,000 | 179,312 |
| Western Tigray | 277,314 | 36,204 | 12,217 | 11,100 | 20,563 | 33,954 | 22,997 | 22,484 | 117,795 |
| Afar | 599,828 | 42,949 | 29,865 | 25,120 | 44,017 | 75,908 | 59,045 | 70,397 | 252,527 |
| Zone 1 | 345,432 | 21,255 | 14,245 | 12,899 | 23,809 | 38,930 | 30,889 | 38,646 | 164,759 |
| Zone 3 | 254,396 | 21,694 | 15,620 | 12,221 | 20,208 | 36,977 | 28,156 | 31,751 | 87,768 |
| Amhara | 5,468,624 | 644,993 | 303,113 | 274,855 | 527,585 | 687,316 | 345,711 | 415,509 | 2,269,542 |
| North Gonder | 1,281,298 | 185,087 | 85,390 | 58,283 | 72,640 | 172,161 | 81,254 | 113,596 | 512,887 |
| South Gonder | 736,524 | 93,168 | 30,641 | 29,485 | 53,833 | 103,612 | 51,463 | 53,004 | 321,320 |
| North Wolo | 543,677 | 48,282 | 27,026 | 29,763 | 56,745 | 56,394 | 40,378 | 48,396 | 236,693 |
| South Wolo | 701,007 | 77,061 | 38,062 | 38,798 | 98,638 | 75,995 | 35,400 | 42,645 | 294,408 |
| North Shewa | 717,460 | 70,381 | 38,200 | 54,379 | 118,101 | 76,802 | 40,930 | 44,610 | 274,057 |
| East Gojam | 392,831 | 54,181 | 20,957 | 13,619 | 27,325 | 63,860 | 27,160 | 27,325 | 158,405 |
| West Gojam | 354,905 | 45,038 | 18,150 | 13,929 | 25,083 | 55,016 | 22,542 | 23,483 | 151,665 |
| Waghamera | 396,670 | 25,373 | 21,419 | 22,670 | 50,359 | 31,958 | 23,223 | 37,852 | 183,816 |
| Awi | 112,215 | 17,731 | 8,966 | 5,470 | 6,612 | 18,200 | 6,962 | 7,159 | 41,117 |
| Oromia | 209,776 | 25,516 | 12,955 | 7,299 | 16,027 | 30,206 | 14,937 | 16,002 | 86,833 |
| Argoba Special | 22,261 | 3,177 | 1,347 | 1,159 | 2,225 | 3,113 | 1,464 | 1,437 | 8,341 |
| Oromia | 7,685,529 | 1,016,363 | 440,445 | 332,004 | 558,435 | 1,051,729 | 542,475 | 629,447 | 3,114,631 |
| West Wellega | 115,354 | 19,918 | 7,895 | 5,534 | 5,154 | 15,494 | 8,207 | 8,484 | 44,667 |
| East Wellega | 157,806 | 29,413 | 7,776 | 4,355 | 4,751 | 29,473 | 9,540 | 13,382 | 59,117 |
| Illubabor | 188,724 | 32,652 | 11,156 | 5,791 | 6,368 | 31,992 | 13,931 | 22,302 | 64,533 |
| Jimma | 248,049 | 34,320 | 11,493 | 9,752 | 11,652 | 31,913 | 20,644 | 13,692 | 114,581 |
| West Shewa | 320,114 | 67,809 | 11,133 | 9,874 | 17,747 | 45,789 | 21,732 | 29,996 | 116,033 |
| North Shewa | 252,947 | 43,094 | 11,925 | 10,539 | 18,196 | 45,142 | 11,152 | 13,345 | 99,554 |
| East Shewa | 733,537 | 76,172 | 59,715 | * | 53,097 | 85,396 | 60,823 | 83,986 | 268,802 |
| Arsi | 718,810 | 96,588 | 36,505 | 24,330 | 55,577 | 103,031 | 48,130 | 56,804 | 297,846 |
| West Harerghe | 980,004 | 128,127 | 49,619 | 48,649 | 80,320 | 132,097 | 63,837 | 72,486 | 404,870 |
| East Harerghe | 1,292,484 | 148,267 | 80,646 | 70,901 | 107,677 | 161,307 | 97,582 | 104,825 | 521,279 |
| Bale | 794,277 | 102,725 | 38,922 | 24,456 | 52,568 | 112,189 | 52,539 | 48,788 | 362,090 |
| Borena | 676,890 | 70,192 | 38,376 | 29,532 | 62,841 | 83,038 | 54,891 | 69,050 | 268,969 |
| South West Shewa | 200,461 | 27,668 | 12,767 | 9,775 | 22,086 | 29,097 | 12,969 | 16,287 | 69,813 |
| Guji | 427,338 | 50,096 | 29,853 | 12,925 | 33,440 | 54,112 | 29,621 | 27,288 | 190,003 |
| West Arsi | 341,134 | 50,967 | 17,216 | 11,024 | 16,869 | 51,187 | 22,318 | 29,906 | 141,648 |
| Kelem Wellega | 131,823 | 22,757 | 9,321 | 5,212 | * | 21,399 | 8,910 | 10,496 | 48,779 |
| Horogoduru Wellega | 105,775 | 15,599 | 6,128 | 3,807 | 5,142 | 19,073 | 5,647 | 8,331 | 42,048 |

TABLE 3-4 CONT'D

| Geographic Area | GOATS | | | | | | | | |
|-------------------------|-----------|------------|------------|--------------|-------------|------------|------------|--------------|-------------|
| | ALL GOATS | MALE | | | | FEMALE | | | |
| | | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over | < 6 Months | 6 Mo < 1yr | 1yr - <2 yrs | 2 yrs &Over |
| Somale | 1,703,290 | 138,315 | 98,849 | 100,699 | 225,102 | 180,285 | 133,582 | 160,750 | 665,710 |
| Shinele | 548,925 | 41,506 | 36,161 | * | 64,523 | 58,224 | 53,751 | 68,303 | 191,074 |
| Jijiga | 642,017 | 55,283 | 33,812 | 37,429 | 104,211 | 70,077 | 42,912 | 52,077 | 246,216 |
| Liben | 512,348 | 41,526 | 28,876 | 27,886 | 56,368 | 51,984 | 36,919 | 40,370 | 228,420 |
| Benshangul-Gumuz | 371,500 | 49,164 | 21,234 | 15,747 | 23,219 | 56,854 | 31,389 | 36,474 | 137,418 |
| Metekel | 158,805 | 24,207 | 9,891 | 6,823 | 8,409 | 27,691 | 11,792 | 12,590 | 57,401 |
| Asosa | 145,076 | 16,317 | 6,772 | 5,830 | 11,053 | 19,013 | 12,699 | 16,815 | 56,577 |
| Kemeshi | 52,534 | 6,029 | 3,818 | 2,713 | 3,257 | 7,277 | 5,560 | 5,665 | 18,214 |
| Pawe Special | 2,515 | 309 | 244 | 57 | 107 | 369 | 277 | 211 | 942 |
| Mao Komo | 12,569 | 2,301 | 510 | 324 | 392 | 2,504 | 1,061 | 1,194 | 4,284 |
| SNNP | 2,624,588 | 260,711 | 141,935 | 153,656 | 256,532 | 305,189 | 172,825 | 230,113 | 1,103,627 |
| Gurage | 150,904 | 18,737 | 6,521 | 9,982 | 12,776 | 19,341 | 7,762 | 10,503 | 65,283 |
| Hadiya | 106,058 | 11,851 | 6,402 | 5,183 | * | 10,132 | 8,635 | 9,612 | 49,135 |
| Kembata Tembaro | 50,667 | 6,138 | 2,482 | 1,645 | 1,197 | 7,092 | 4,658 | 5,071 | 22,383 |
| Sidama | 153,125 | 20,874 | 6,790 | 8,499 | 11,792 | 23,197 | 11,743 | 8,194 | 62,035 |
| Gedio | * | * | * | * | * | * | * | 770 | * |
| Wolayita | 112,550 | 14,837 | * | 4,969 | 5,012 | 17,052 | 6,788 | 9,981 | 46,479 |
| South Omo | 878,172 | 63,456 | 54,981 | 67,959 | 103,315 | 81,720 | 58,759 | 89,989 | 357,993 |
| Shaka | 9,468 | 1,478 | 733 | 263 | 697 | 983 | 674 | 850 | 3,791 |
| Kaffa | 147,797 | 16,767 | 5,587 | 5,311 | 5,793 | 26,184 | 8,545 | 10,350 | 69,260 |
| Gamo Gofa | 229,327 | 23,160 | 10,479 | 10,626 | 22,009 | 26,642 | 14,795 | 20,250 | 101,368 |
| Bench Maji | 68,023 | 5,995 | 5,097 | 4,003 | 4,585 | 5,852 | 5,492 | 7,969 | 29,031 |
| Yem Sp. Wereda | 19,644 | 2,566 | 972 | 107 | 488 | 3,016 | 1,252 | 1,849 | 9,393 |
| Amaro Sp. Wereda | 74,588 | 8,587 | 3,965 | 2,910 | 7,321 | 9,796 | 4,858 | 5,363 | 31,789 |
| Burji Sp. Wereda | 30,610 | 3,821 | 1,394 | 1,278 | 3,859 | 3,386 | 1,596 | 2,069 | 13,209 |
| Konso Sp. Wereda | 267,938 | 21,834 | 13,737 | 16,092 | 44,422 | 28,533 | 16,666 | 23,297 | 103,357 |
| Derashe Sp. Wereda | 74,857 | 6,269 | 3,552 | 5,116 | 12,730 | 6,678 | 3,933 | 5,756 | 30,823 |
| Dawro | 51,755 | 7,838 | 3,869 | 2,711 | 3,200 | 6,977 | 3,868 | 3,837 | 19,454 |
| Basketo Sp. Wereda | * | * | 360 | * | * | * | * | 850 | * |
| Konta Sp. Wereda | 11,873 | 1,621 | 844 | 548 | 603 | 2,006 | 843 | 1,137 | 4,272 |
| Silte | 99,560 | 15,709 | 2,997 | 3,229 | 5,850 | 15,149 | 6,578 | 7,321 | 42,728 |
| Alaba Sp. Wereda | 66,221 | 6,377 | 3,279 | * | 4,446 | 9,291 | 3,362 | 5,095 | 32,038 |
| Gambela Region | 54,638 | 5,268 | 3,086 | 3,311 | 4,456 | 6,869 | 5,243 | 7,308 | 19,097 |
| Angnuwak | 12,571 | 1,663 | 500 | 617 | 444 | 1,791 | 1,058 | 907 | 5,591 |
| Nuware | 27,601 | 2,197 | 1,927 | * | 2,664 | 3,213 | 2,689 | 4,654 | 8,184 |
| Mezhenger | 1,169 | * | * | 122 | * | 168 | * | * | 428 |
| Itang Special | 13,297 | 1,310 | 606 | 500 | 1,169 | 1,697 | 1,422 | 1,699 | 4,894 |
| Harari | 41,226 | 4,519 | 2,661 | 2,431 | 2,423 | 4,946 | 3,005 | 3,000 | 18,241 |
| Hundene | 41,226 | 4,519 | 2,661 | 2,431 | 2,423 | 4,946 | 3,005 | 3,000 | 18,241 |
| Dire Dawa | 154,743 | 19,527 | 8,113 | 6,716 | 8,617 | 20,382 | 9,857 | 16,641 | 64,890 |

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 | 1,775,794 | 174,924 | 665,960 | 197,385 | 737,524 | 5,572,931 | 622,295 | 1,780,997 | 591,983 | 2,577,655 |
| Tigray | * | * | 3,923 | * | * | 462,497 | 53,019 | 193,374 | 50,551 | 165,553 |
| North West Tigray | - | - | - | - | - | 71,149 | 7,887 | 25,307 | 8,651 | 29,304 |
| Central Tigray | - | - | - | - | - | 135,312 | 15,609 | 49,554 | 17,061 | 53,088 |
| Eastern Tigray | * | * | * | - | - | 88,435 | 13,313 | 35,130 | 8,845 | 31,147 |
| Southern Tigray | * | * | * | * | * | 131,674 | 15,372 | 55,251 | 14,068 | 46,983 |
| Western Tigray | * | * | * | * | * | 35,927 | 838 | 28,132 | 1,925 | 5,032 |
| Afar | * | - | * | - | - | 32,897 | 4,312 | 10,776 | 5,726 | 12,084 |
| Zone 1 | * | - | * | - | - | 12,505 | 1,079 | 4,031 | 1,462 | 5,933 |
| Zone 3 | - | - | - | - | - | 20,392 | * | 6,745 | * | 6,151 |
| Amhara | 304,004 | 24,216 | 98,618 | 31,482 | 149,687 | 1,804,408 | 259,406 | 508,893 | 251,538 | 784,571 |
| North Gonder | 39,772 | * | 12,503 | 4,419 | 19,079 | 234,250 | 32,994 | 73,502 | 29,204 | 98,550 |
| South Gonder | 14,982 | * | 4,674 | * | 7,580 | 215,634 | 34,700 | 33,465 | 36,885 | 110,585 |
| North Wolo | 33,508 | * | 7,866 | * | 18,686 | 171,602 | 27,235 | 39,349 | 26,943 | 78,075 |
| South Wolo | 68,215 | 4,068 | 14,608 | 7,226 | 42,313 | 340,490 | 50,412 | 109,075 | 41,731 | 139,272 |
| North Shewa | 23,499 | * | * | * | 12,118 | 279,757 | 36,924 | 99,224 | 30,212 | 113,398 |
| East Gojam | 50,419 | 5,276 | 18,519 | 5,033 | 21,590 | 248,379 | 35,302 | 59,207 | 37,133 | 116,736 |
| West Gojam | * | - | * | * | * | 172,570 | 22,822 | 48,430 | 30,140 | 71,178 |
| Waghamera | * | - | - | - | * | 58,481 | 7,511 | 19,817 | 5,411 | 25,741 |
| Awi | 56,453 | 2,888 | 29,766 | 5,524 | 18,275 | 49,563 | 7,263 | 17,199 | 8,070 | 17,031 |
| Oromia | * | - | * | - | - | 31,859 | 4,058 | 9,119 | 5,534 | 13,148 |
| Argoba Special | - | - | - | - | - | 1,823 | 186 | 508 | 274 | 855 |
| Oromia | 1,111,943 | 117,936 | 420,115 | 132,880 | 441,012 | 2,197,828 | 252,984 | 840,802 | 236,244 | 867,798 |
| West Wellega | * | * | * | * | * | 101,998 | 11,211 | 29,329 | 13,275 | 48,184 |
| East Wellega | * | * | * | - | * | 75,463 | 10,776 | 21,487 | 9,627 | 33,573 |
| Illubabor | 41,735 | 1,822 | 10,691 | 5,359 | 23,863 | 18,362 | 2,678 | 8,875 | 1,794 | 5,015 |
| Jimma | 85,192 | 5,559 | 29,285 | 10,187 | 40,160 | 52,663 | * | 31,647 | 5,304 | 12,783 |
| West Shewa | 158,697 | 21,684 | 63,146 | 23,213 | 50,654 | 117,955 | 14,075 | 45,922 | 13,938 | 44,019 |
| North Shewa | 96,748 | 13,881 | 26,922 | 9,801 | 46,145 | 193,810 | 28,356 | 55,500 | 26,595 | 83,358 |
| East Shewa | 13,922 | * | 10,626 | * | * | 254,834 | 27,232 | 104,854 | 23,765 | 98,983 |
| Arsi | 238,094 | 24,035 | 80,604 | 28,203 | 105,251 | 300,601 | 37,800 | 107,351 | 30,710 | 124,741 |
| West Harerghe | * | * | * | * | * | 183,068 | 21,601 | 77,525 | 23,030 | 60,913 |
| East Harerghe | * | - | - | - | * | 214,940 | 25,360 | 100,587 | 16,731 | 72,262 |
| Bale | 32,334 | * | 19,013 | * | * | 188,114 | 16,975 | 79,755 | 15,824 | 75,561 |
| Borena | 2,023 | * | * | * | * | 55,411 | 3,961 | 25,674 | 3,168 | 22,608 |
| South West Shewa | 40,996 | 2,255 | 25,291 | 3,030 | 10,419 | 125,612 | 14,123 | 50,427 | 12,623 | 48,439 |
| Guji | 140,720 | 14,757 | 53,758 | 15,426 | 56,779 | 55,816 | 7,042 | 21,441 | 6,082 | 21,253 |
| West Arsi | 211,731 | 24,041 | 82,491 | 28,645 | 76,555 | 179,831 | 19,942 | 53,557 | 23,165 | 83,167 |
| Kelem Wellega | * | * | * | * | * | 29,282 | 2,888 | 12,393 | 3,348 | 10,652 |
| Horoguduru Wellega | 27,810 | 3,491 | 11,492 | 3,880 | 8,947 | 50,067 | 6,035 | 14,479 | 7,265 | 22,288 |

TABLE 3-5 CONT'D

| Geographic Area | HORSES AND DONKEYS | | | | | | | | | |
|-------------------------|--------------------|-----------|--------------|-----------|--------------|----------------|-----------|--------------|-----------|--------------|
| | ALL HORSES | HORSES | | | | ALL DONKEYS | DONKEYS | | | |
| | | MALE | | FEMALE | | | MALE | | FEMALE | |
| | | < 3 Years | 3 Yrs & more | < 3 Years | 3 Yrs & more | | < 3 Years | 3 Yrs & more | < 3 Years | 3 Yrs & more |
| Somale | * | - | - | - | - | * | 12,677 | 42,001 | 8,632 | * |
| Shinele | - | - | - | - | - | 16,896 | 2,279 | 6,284 | 2,373 | 5,960 |
| Jijiga | - | - | - | - | - | 54,196 | 6,683 | 22,436 | 3,516 | 21,561 |
| Liben | * | - | - | - | * | 3,714 | 13,281 | 2,743 | - | * |
| Benshangul-Gumuz | 280 | 140 | 140 | - | - | 50,738 | 4,888 | 28,595 | 3,933 | 13,322 |
| Metekel | 280 | 140 | 140 | - | - | 21,076 | 1,387 | 15,661 | 742 | 3,287 |
| Asosa | - | - | - | - | - | 21,230 | 2,933 | 7,540 | 2,583 | 8,175 |
| Kemeshi | - | - | - | - | - | 5,741 | * | 4,242 | * | 989 |
| Pawe Specila | - | - | - | - | - | 367 | 72 | 71 | 73 | 152 |
| Mao Komo | - | - | - | - | - | 2,325 | 282 | 1,082 | 242 | 720 |
| SNNP | 346,335 | 31,620 | 142,794 | 31,955 | 139,966 | 364,985 | 32,383 | 147,820 | 32,793 | 151,988 |
| Gurage | 78,200 | 8,229 | 16,818 | 10,809 | 42,344 | 50,692 | 3,445 | 23,774 | 4,958 | 18,514 |
| Hadiya | 27,260 | 1,821 | 9,448 | 4,118 | 11,873 | 57,080 | 5,047 | 16,129 | 6,801 | 29,103 |
| Kembata Tembaro | 6,388 | * | 3,797 | * | 1,952 | 18,175 | 1,332 | 12,028 | 657 | 4,158 |
| Sidama | 50,534 | * | 29,777 | 1,859 | 13,987 | 66,752 | * | 29,862 | 4,783 | 24,553 |
| Gedio | 17,087 | * | 11,348 | * | 5,115 | * | - | * | - | - |
| Wolayita | * | - | * | - | * | 24,707 | 1,556 | 17,169 | * | * |
| South Omo | 18,379 | 1,702 | 8,641 | 1,546 | 6,490 | 9,873 | 940 | 2,561 | 1,652 | 4,721 |
| Shaka | 4,711 | * | 3,035 | 511 | * | 1,458 | * | 1,345 | - | * |
| Kaffa | 58,268 | 5,718 | 30,145 | 5,319 | 17,086 | * | - | * | - | * |
| Gamo Gofa | 20,238 | 2,504 | 7,351 | 1,821 | 8,562 | 18,513 | * | 5,944 | 2,539 | 8,775 |
| Bench Maji | 11,656 | 1,196 | 2,655 | 1,236 | 6,570 | * | - | * | - | - |
| Yem Sp. Wereda | 732 | * | 273 | * | 313 | 2,717 | 162 | 980 | 227 | 1,349 |
| Amaro Sp. Wereda | 3,265 | 268 | 991 | * | 1,603 | 1,167 | - | 957 | - | * |
| Burji Sp. Wereda | - | - | - | - | - | 4,415 | 440 | 2,019 | 342 | 1,614 |
| Konso Sp. Wereda | - | - | - | - | - | 6,492 | 629 | 3,257 | * | 2,467 |
| Derashe Sp. Wereda | * | - | * | * | * | 12,537 | 437 | 9,100 | 347 | 2,652 |
| Dawro | 6,724 | 370 | 2,212 | * | 3,704 | 2,655 | * | 1,537 | * | 782 |
| Basketo Sp. Wereda | 378 | * | 251 | * | * | * | - | * | * | * |
| Konta Sp. Wereda | 1,137 | * | 626 | * | * | * | - | * | - | - |
| Silte | 32,735 | 3,265 | 11,292 | 2,959 | 15,220 | 53,677 | 6,211 | 11,385 | 6,251 | 29,830 |
| Alaba Sp. Wereda | 4,438 | * | 1,955 | * | 2,022 | 28,449 | 3,150 | 4,883 | 3,015 | 17,400 |
| Gambela Region | 336 | - | 336 | - | - | * | * | * | - | * |
| Angnuwak | - | - | - | - | - | * | - | * | - | - |
| Nuware | - | - | - | - | - | - | - | - | - | - |
| Mezhenger | 336 | - | 336 | - | - | * | - | * | - | - |
| Itang Special | - | - | - | - | - | * | * | - | - | * |
| Harari | - | - | - | - | - | 8,328 | 415 | 4,665 | 459 | 2,790 |
| Hundene | - | - | - | - | - | 8,328 | 415 | 4,665 | 459 | 2,790 |
| Dire Dawa | - | - | - | - | - | 14,083 | 2,203 | 3,719 | 2,107 | 6,054 |

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

| Geographic Area | MULES | | | | | CAMELS | | | | |
|--------------------|-----------|-----------|-------------------|-----------|-------------------|------------|-----------|-------------------|-----------|-------------------|
| | All Mules | MALE | | FEMALE | | All Camels | MALE | | FEMALE | |
| | | < 3 Years | 3 Years and Older | < 3 Years | 3 Years and Older | | < 4 Years | 4 Years and Older | < 4 Years | 4 Years and Older |
| Ethiopia | 376,682 | 23,023 | 163,023 | 27,842 | 162,794 | 1,009,040 | 135,713 | 231,843 | 169,963 | 471,521 |
| Tigray | 6,665 | * | * | * | 3,021 | 34,448 | 3,957 | 29,346 | * | * |
| North West Tigray | * | - | - | - | * | 6,956 | - | 6,230 | - | * |
| Central Tigray | * | - | - | - | * | 4,860 | * | 4,439 | - | * |
| Eastern Tigray | * | - | * | - | - | 3,671 | * | * | - | - |
| Southern Tigray | * | - | * | * | 2,143 | 16,984 | * | 13,206 | * | - |
| Western Tigray | 950 | * | 691 | - | * | 1,977 | - | 1,977 | - | - |
| Afar | * | - | * | - | * | 142,357 | 16,405 | 28,131 | * | 52,349 |
| Zone 1 | - | - | - | - | - | 54,068 | 4,199 | 11,978 | 9,370 | 28,521 |
| Zone 3 | * | - | * | - | * | * | * | * | * | 23,828 |
| Amhara | 135,908 | 11,147 | 51,643 | 14,544 | 58,574 | 47,026 | 12,023 | 34,515 | * | * |
| North Gondar | 10,350 | - | 4,424 | - | 5,926 | - | - | - | - | - |
| South Gondar | 18,148 | * | 8,603 | * | 7,995 | - | - | - | - | - |
| North Wolo | 19,253 | 2,244 | 6,228 | 1,863 | 8,918 | 13,772 | * | 12,503 | - | - |
| South Wolo | 48,650 | 4,732 | 13,650 | 7,951 | 22,315 | * | * | * | - | - |
| North Shewa | 8,179 | * | 4,746 | * | 1,917 | * | * | * | - | - |
| East Gojam | 8,630 | * | * | * | 3,084 | - | - | - | - | - |
| West Gojam | 13,528 | * | 4,957 | 2,063 | 5,505 | - | - | - | - | - |
| Waghamera | 3,216 | - | 1,330 | - | 1,886 | - | - | - | - | - |
| Awi | 5,610 | * | 3,288 | 713 | 917 | - | - | - | - | - |
| Oromia | * | - | * | * | * | 11,255 | 3,179 | 7,638 | * | * |
| Argoba Special | * | - | * | - | - | 1,389 | 182 | 1,158 | * | * |
| Oromia | 180,364 | 8,948 | 80,709 | 10,473 | 80,234 | 447,688 | 63,137 | 62,254 | 77,636 | 244,660 |
| West Wellega | 5,676 | - | 2,833 | - | 2,844 | - | - | - | - | - |
| East Wellega | 2,954 | - | * | - | 2,341 | - | - | - | - | - |
| Illubabor | 10,587 | * | 4,039 | * | 5,860 | - | - | - | - | - |
| Jimma | 33,093 | * | 9,094 | 3,018 | 20,598 | - | - | - | - | - |
| West Shewa | 11,355 | * | 3,481 | * | 5,636 | - | - | - | - | - |
| North Shewa | 9,145 | 2,103 | 2,642 | 2,192 | 2,207 | - | - | - | - | - |
| East Shewa | 9,641 | * | 8,768 | - | * | * | * | * | * | * |
| Arsi | 25,280 | * | 12,045 | * | 11,738 | * | * | * | * | * |
| West Harerghe | 3,364 | * | 1,141 | - | * | 22,047 | * | * | 6,340 | 10,140 |
| East Harerghe | - | - | - | - | - | * | * | * | * | * |
| Bale | 18,179 | * | 9,445 | * | 8,306 | 36,036 | 4,800 | 12,059 | 4,867 | 14,310 |
| Borena | 5,486 | - | 4,034 | - | 1,453 | 97,131 | 11,685 | 11,825 | 19,022 | 54,600 |
| South West Shewa | 9,386 | * | 3,417 | * | 5,108 | - | - | - | - | - |
| Guji | 17,234 | 1,280 | 10,575 | * | 4,964 | 48,662 | 8,808 | * | * | 25,099 |
| West Arsi | 5,439 | * | * | * | 2,590 | - | - | - | - | - |
| Kelem Wellega | 9,911 | * | 4,974 | * | 3,067 | - | - | - | - | - |
| Horoguduru Wellega | 3,634 | * | 2,192 | - | 1,261 | - | - | - | - | - |

TABLE 3-6 CONT'D

| Geographic Area | MULES | | | | | CAMELS | | | | |
|-------------------------|-----------|-----------|-------------------|-----------|-------------------|------------|-----------|-------------------|-----------|-------------------|
| | All Mules | MALE | | FEMALE | | All Camels | MALE | | FEMALE | |
| | | < 3 Years | 3 Years and Older | < 3 Years | 3 Years and Older | | < 4 Years | 4 Years and Older | < 4 Years | 4 Years and Older |
| Somale | * | - | * | - | * | 330,563 | 38,994 | 76,015 | 45,013 | 170,541 |
| Shinele | - | - | - | - | - | 27,728 | 3,391 | 8,082 | 3,843 | 12,412 |
| Jijiga | - | - | - | - | - | 81,221 | 9,353 | 24,013 | 12,180 | 35,675 |
| Liben | * | - | * | - | * | 221,614 | 26,250 | 43,920 | 28,990 | 122,454 |
| Benshangul-Gumuz | 682 | - | 411 | - | 271 | - | - | - | - | - |
| Metekel | 276 | - | 137 | - | 140 | - | - | - | - | - |
| Asosa | * | - | * | - | * | - | - | - | - | - |
| Kemeshi | * | - | * | - | * | - | - | - | - | - |
| Pawe Special | * | - | * | - | * | - | - | - | - | - |
| Mao komo | * | - | * | - | 63 | - | - | - | - | - |
| SNNP | 52,456 | 2,834 | 26,771 | 2,501 | 20,350 | * | * | * | - | - |
| Gurage | 2,886 | * | * | - | 1,650 | - | - | - | - | - |
| Hadiya | 6,700 | * | 3,807 | * | 2,230 | - | - | - | - | - |
| Kembata Tembaro | 1,850 | * | 1,189 | - | 443 | - | - | - | - | - |
| Sidama | * | - | - | - | * | - | - | - | - | - |
| Gedio | 4,642 | - | 3,386 | - | 1,256 | - | - | - | - | - |
| Wolayita | * | - | * | - | * | - | - | - | - | - |
| South Omo | 3,876 | * | 1,641 | * | 1,889 | - | - | - | - | - |
| Shaka | 818 | - | * | - | 325 | - | - | - | - | - |
| Kaffa | 9,320 | - | 6,126 | * | 3,026 | - | - | - | - | - |
| Gamo Gofa | 5,583 | * | 1,570 | * | 2,770 | - | - | - | - | - |
| Bench Maji | 1,976 | - | * | * | * | - | - | - | - | - |
| Yem Sp. Wereda | * | * | * | - | * | - | - | - | - | - |
| Amaro Sp. Wereda | 1,025 | * | 343 | * | 435 | - | - | - | - | - |
| Burji Sp. Wereda | 151 | - | * | - | 102 | * | * | * | - | - |
| Konso Sp. Wereda | - | - | - | - | - | - | - | - | - | - |
| Derashe Sp. Wereda | * | - | * | - | * | - | - | - | - | - |
| Dawro | 5,237 | * | 2,600 | 351 | 1,936 | - | - | - | - | - |
| Basketo Sp. Wereda | 453 | * | 233 | - | 203 | - | - | - | - | - |
| Konta Sp. Wereda | 510 | * | 278 | * | 143 | - | - | - | - | - |
| Silte | 3,833 | * | 1,458 | 652 | 1,388 | - | - | - | - | - |
| Alaba Sp. Wereda | * | - | * | - | * | - | - | - | - | - |
| Gambela Region | * | - | * | - | * | - | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - | - |
| Mezhenger | * | - | * | - | * | - | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | * | * | * | * | * |
| Hundene | - | - | - | - | - | * | * | * | * | * |
| Dire Dawa | - | - | - | - | - | 5,060 | 760 | 1,516 | 977 | 1,807 |

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

| Geographic Area | CATTLE AGED 3 – 10 YEARS | | | | | | | | | | |
|--------------------|--------------------------|------------|---------|----------|---------|-----------|---------|--------|-----------|---------|--|
| | Total | MALE | | | | | FEMALE | | | | |
| | | Draught | Beef | Breeding | Other | Milk | Draught | Beef | Breeding | Other | |
| Ethiopia | 29,667,352 | 11,425,923 | 331,511 | 489,668 | 452,821 | 7,198,027 | 113,726 | 62,233 | 8,614,606 | 978,835 | |
| Tigray | 1,959,592 | 895,536 | 1,861 | 20,020 | 5,432 | 96,509 | 6,654 | * | 912,067 | 14,363 | |
| North West Tigray | 465,334 | 190,042 | * | 6,503 | * | 3,008 | * | * | 260,118 | * | |
| Central Tigray | 501,923 | 269,138 | * | 3,336 | 1,210 | 47,081 | 3,312 | - | 174,480 | * | |
| Eastern Tigray | 244,153 | 117,447 | * | 1,147 | * | 6,406 | 1,318 | * | 112,628 | 3,208 | |
| Southern Tigray | 447,869 | 229,130 | * | 1,229 | * | 32,953 | 742 | - | 175,136 | 6,583 | |
| Western Tigray | 300,313 | 89,779 | 567 | 7,804 | 800 | * | * | * | 189,705 | * | |
| Afar | 226,873 | 11,586 | * | 20,363 | * | 95,711 | * | * | 96,567 | 1,033 | |
| Zone 1 | 133,144 | 6,047 | * | 7,702 | * | 64,005 | * | - | 54,369 | * | |
| Zone 3 | 93,729 | 5,539 | * | 12,661 | * | 31,705 | - | * | 42,198 | * | |
| Amhara | 7,602,431 | 3,704,000 | 29,890 | 78,586 | 94,521 | 384,088 | 53,652 | 8,434 | 3,064,369 | 184,891 | |
| North Gonder | 1,274,553 | 561,666 | * | 17,831 | 14,678 | * | 2,689 | * | 603,741 | 14,132 | |
| South Gonder | 845,052 | 436,367 | * | * | * | 41,393 | 17,651 | - | 326,174 | 14,247 | |
| North Wolo | 614,665 | 263,236 | * | * | 6,570 | 13,063 | 6,407 | * | 297,261 | * | |
| South Wolo | 1,102,447 | 556,883 | * | * | * | 100,688 | 3,770 | - | 410,333 | * | |
| North Shewa | 800,419 | 468,544 | 4,529 | 2,407 | 11,186 | 51,313 | 1,846 | * | 232,088 | 26,608 | |
| East Gojam | 991,955 | 510,747 | 10,067 | 8,324 | 9,265 | 27,891 | 9,533 | * | 397,672 | 16,999 | |
| West Gojam | 1,176,326 | 564,153 | 10,139 | 8,048 | 31,625 | 48,741 | 8,870 | 2,481 | 429,355 | 72,915 | |
| Waghamera | 184,500 | 88,906 | * | * | * | * | * | * | 87,615 | * | |
| Awi | 418,074 | 163,405 | 1,441 | * | 6,467 | 22,121 | 1,786 | * | 202,353 | 16,217 | |
| Oromia | 181,510 | 83,986 | - | * | 2,039 | 16,789 | * | 533 | 71,468 | 4,400 | |
| Argoba Special | 12,930 | 6,106 | * | * | * | 256 | - | - | 6,309 | 148 | |
| Oromia | 13,200,110 | 5,073,749 | 203,448 | 255,030 | 187,265 | 3,418,794 | 39,618 | 21,778 | 3,698,849 | 301,581 | |
| West Wellega | 592,974 | 231,409 | * | * | 2,894 | 113,353 | 862 | * | 200,675 | 11,921 | |
| East Wellega | 534,928 | 227,316 | * | 15,729 | 1,557 | 47,511 | 2,367 | * | 229,177 | 8,983 | |
| Illubabor | 570,275 | 244,103 | 2,856 | * | 14,794 | 140,263 | 1,913 | * | 141,511 | 20,520 | |
| Jimma | 1,290,672 | 567,769 | 9,754 | * | 13,800 | 312,960 | * | * | 346,050 | 31,451 | |
| West Shewa | 1,028,571 | 470,075 | 7,270 | 5,021 | 18,559 | 207,746 | 3,281 | * | 298,046 | 17,619 | |
| North Shewa | 902,214 | 406,593 | 8,614 | 13,997 | 12,782 | 181,062 | * | * | 258,576 | 16,104 | |
| East Shewa | 756,604 | 360,951 | 4,160 | 16,442 | 9,181 | 148,615 | 2,509 | 820 | 200,021 | 13,905 | |
| Arsi | 1,574,176 | 662,533 | 12,900 | 15,615 | 38,407 | 434,993 | 5,707 | 3,919 | 342,044 | 58,058 | |
| West Harerghe | 739,330 | 282,822 | 37,496 | 3,975 | * | 127,095 | * | - | 278,509 | * | |
| East Harerghe | 799,502 | 192,611 | 52,383 | 10,346 | * | 305,297 | * | * | 226,734 | 6,939 | |
| Bale | 823,987 | 358,268 | 2,216 | 4,344 | 15,025 | 387,714 | 2,118 | * | 31,120 | 22,563 | |
| Borena | 690,681 | 109,039 | 30,450 | 46,933 | * | 117,749 | * | 1,879 | 342,757 | * | |
| South West Shewa | 542,714 | 278,633 | 2,429 | 5,138 | 8,040 | 123,957 | 1,087 | * | 111,762 | 11,013 | |
| Guji | 692,962 | 145,749 | 7,980 | 48,194 | * | 257,750 | * | * | 215,199 | * | |
| West Arsi | 1,068,280 | 266,496 | 16,673 | 27,414 | 11,761 | 462,899 | 4,567 | * | 237,626 | 38,825 | |
| Kelem Wellega | 219,277 | 107,286 | * | 808 | * | 29,108 | * | * | 78,868 | 1,194 | |
| Horoguduru Wellega | 372,964 | 162,098 | * | 4,961 | 8,816 | 20,722 | 2,985 | * | 160,173 | 11,460 | |

TABLE 3-7 CONT'D

| Geographic Area | CATTLE AGED 3 – 10 YEARS | | | | | | | | | | |
|-------------------------|--------------------------|-----------|--------|----------|---------|-----------|---------|--------|----------|---------|--|
| | Total | MALE | | | | | FEMALE | | | | |
| | | Draught | Beef | Breeding | Other | Milk | Draught | Beef | Breeding | Other | |
| Somale | 363,027 | 54,520 | 5,387 | 21,531 | * | 129,702 | * | * | 147,901 | 2,045 | |
| Shinele | 19,665 | 1,620 | 832 | 690 | - | 10,438 | - | - | 5,877 | * | |
| Jijiga | 218,428 | 48,993 | * | 7,888 | - | 80,069 | * | - | 79,236 | * | |
| Liben | 124,935 | 3,908 | 2,659 | 12,953 | * | 39,195 | * | * | 62,788 | 1,605 | |
| Benshangul-Gumuz | 222,564 | 91,975 | 1,378 | 3,036 | 298 | 33,774 | 794 | * | 87,029 | 3,873 | |
| Metekel | 148,064 | 60,404 | 1,147 | 2,242 | - | 23,183 | 256 | 74 | 58,688 | 2,072 | |
| Asosa | 42,702 | 18,372 | * | * | - | 5,170 | * | - | 16,982 | * | |
| Kemeshi | 10,041 | 3,788 | - | * | - | 3,178 | - | * | 2,433 | * | |
| Pawe Special | 12,528 | 5,728 | * | * | 298 | 823 | 118 | - | 5,112 | 379 | |
| Mao Komo | 9,228 | 3,685 | - | 138 | - | 1,421 | 113 | - | 3,815 | * | |
| SNNP | 5,934,918 | 1,576,667 | 80,249 | 81,858 | 162,818 | 2,962,377 | 12,170 | 22,070 | 569,195 | 467,514 | |
| Gurage | 684,811 | 114,489 | 1,814 | 3,458 | 19,945 | 403,994 | 2,719 | * | 37,162 | 100,510 | |
| Hadiya | 467,262 | 146,368 | * | * | 27,733 | 220,206 | * | * | 12,829 | 55,949 | |
| Kembata Tembaro | 219,859 | 63,279 | * | * | 11,790 | 107,060 | * | - | * | 33,545 | |
| Sidama | 892,717 | 59,967 | 19,198 | 18,739 | 6,582 | 661,274 | * | * | 44,185 | 71,687 | |
| Gedio | 79,416 | 7,380 | 25,540 | * | * | 20,817 | - | 4,415 | 16,017 | * | |
| Wolayita | 488,124 | 142,290 | * | 2,479 | 23,393 | 229,925 | * | * | 16,558 | 71,474 | |
| South Omo | 475,741 | 109,260 | * | 25,657 | * | 202,565 | * | * | 107,699 | * | |
| Shaka | 48,381 | 13,447 | * | 419 | 620 | 24,648 | * | * | 7,744 | * | |
| Kaffa | 561,418 | 203,812 | 5,033 | * | * | 218,409 | * | 710 | 126,516 | * | |
| Gamo Gofa | 687,278 | 229,231 | 3,309 | 6,851 | 24,273 | 318,131 | * | * | 57,238 | 46,128 | |
| Bench Maji | 268,752 | 99,608 | * | * | * | 131,506 | * | * | 32,728 | * | |
| Yem Sp. Wereda | 50,494 | 20,943 | 346 | * | 1,971 | 13,284 | - | * | 9,444 | 4,427 | |
| Amaro Sp. Wereda | 77,145 | 28,823 | 4,181 | 1,708 | * | 24,407 | - | - | 17,786 | * | |
| Burji Sp. Wereda | 32,547 | 16,800 | 172 | 817 | 783 | 6,981 | * | * | 5,538 | 1,287 | |
| Konso Sp. Wereda | 90,984 | 35,163 | 6,139 | 2,770 | * | 32,465 | * | * | 12,594 | * | |
| Derashe Sp. Wereda | 44,776 | 21,593 | 1,134 | 2,232 | 1,858 | 8,904 | * | * | 6,951 | 1,919 | |
| Dawro | 209,488 | 59,377 | 1,775 | 4,660 | 10,898 | 97,152 | 1,252 | 1,126 | 17,870 | 15,378 | |
| Basketo Sp. Wereda | 22,645 | 9,068 | * | 162 | 631 | 8,741 | * | * | 1,905 | 1,184 | |
| Konta Sp. Wereda | 44,231 | 18,202 | * | 487 | * | 21,631 | 192 | * | 2,843 | 523 | |
| Silte | 361,376 | 128,752 | * | 2,687 | 13,864 | 160,410 | - | * | 21,288 | 33,429 | |
| Alaba Sp. Wereda | 127,473 | 48,818 | 507 | 2,084 | 3,820 | 49,869 | * | - | 11,824 | 9,141 | |
| Gambela Region | 108,867 | 6,146 | 7,442 | 8,762 | 685 | 62,398 | * | * | 20,473 | * | |
| Angnuwak | 17,811 | 5,169 | * | * | - | 9,589 | * | * | * | * | |
| Nuware | 57,501 | * | 4,777 | 7,129 | * | 29,507 | * | * | 13,383 | * | |
| Mezhenger | 9,340 | 720 | * | - | - | 7,913 | - | - | 610 | * | |
| Itang Special | 24,215 | 93 | 1,747 | 1,529 | 420 | 15,390 | * | 52 | 4,506 | 454 | |
| Harari | 23,033 | 6,078 | 551 | 269 | 131 | 5,885 | * | * | 8,889 | 1,087 | |
| Hundene | 23,033 | 6,078 | 551 | 269 | 131 | 5,885 | * | * | 8,889 | 1,087 | |
| Dire Dawa | 25,936 | 5,666 | 845 | 214 | * | 8,791 | * | * | 9,267 | 1,012 | |

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

| Geographic Area | SHEEP AGED 2 YEARS AND OLDER | | | | | | | | |
|--------------------|------------------------------|-------------|-------|----------|--------|-------------|--------|------------|--------|
| | Total | MALE | | | | FEMALE | | | |
| | | Mutton/Meat | Wool | Breeding | Other | Mutton/Meat | Wool | Breeding | Other |
| Ethiopia | 13,778,918 | 585,651 | 8,177 | 892,017 | 56,229 | 80,340 | 76,594 | 12,040,997 | 38,912 |
| Tigray | 743,376 | 12,077 | * | 62,596 | * | 1,410 | 9,335 | 652,924 | 1,691 |
| North West Tigray | 43,569 | * | - | 3,901 | - | 142 | - | 37,629 | - |
| Central Tigray | 164,762 | * | * | 19,423 | * | - | 582 | 141,800 | 503 |
| Eastern Tigray | 340,652 | 2,870 | * | 18,649 | * | 323 | 8,753 | 307,482 | 566 |
| Southern Tigray | 167,193 | 4,859 | - | 18,358 | * | 760 | - | 142,388 | 622 |
| Western Tigray | 27,199 | * | - | 2,264 | - | 186 | - | 23,625 | - |
| Afar | 179,096 | 4,071 | * | 23,905 | * | 1,784 | 1,982 | 146,120 | 662 |
| Zone 1 | 112,743 | 2,006 | * | 13,649 | * | 469 | 1,233 | 94,810 | 332 |
| Zone 3 | 66,353 | * | * | 10,256 | - | 1,315 | 749 | 51,309 | 330 |
| Amhara | 5,315,151 | 263,464 | 2,288 | 285,535 | 36,221 | 24,931 | 23,562 | 4,665,431 | 13,719 |
| North Gonder | 522,752 | 5,390 | * | 25,771 | * | 1,169 | 2,010 | 487,569 | - |
| South Gonder | 458,936 | 13,901 | - | 11,114 | - | 1,585 | 333 | 431,358 | 645 |
| North Wolo | 666,383 | 41,880 | - | 57,936 | * | 4,878 | 1,452 | 540,738 | 2,815 |
| South Wolo | 1,344,496 | 79,358 | * | 130,762 | * | 5,770 | 7,210 | 1,111,761 | 785 |
| North Shewa | 673,284 | 76,389 | * | 21,232 | * | 4,475 | 3,481 | 562,589 | 2,757 |
| East Gojam | 834,984 | 17,527 | - | 11,674 | * | 2,647 | 2,296 | 798,223 | 1,721 |
| West Gojam | 480,166 | 17,447 | - | 11,446 | * | 1,089 | 2,831 | 440,677 | 3,041 |
| Waghamera | 84,434 | 2,495 | - | 7,453 | * | 381 | - | 69,784 | 837 |
| Awi | 228,215 | 7,243 | - | 4,488 | * | 2,937 | 3,728 | 207,705 | 1,073 |
| Oromia | 21,175 | 1,744 | - | 3,649 | 669 | - | 221 | 14,892 | - |
| Argoba Special | 326 | 90 | - | * | 44 | - | - | 135 | 46 |
| Oromia | 4,691,155 | 170,958 | 1,721 | 253,046 | 11,232 | 39,334 | 30,945 | 4,167,342 | 16,578 |
| West Wellega | 139,492 | * | - | 9,117 | * | 234 | 1,423 | 125,666 | 226 |
| East Wellega | 117,853 | * | - | 7,278 | - | - | 433 | 107,943 | - |
| Illubabor | 231,177 | 8,469 | - | 11,341 | * | 1,144 | 710 | 205,380 | 3,451 |
| Jimma | 448,236 | 23,923 | - | 7,463 | * | 1,160 | 2,600 | 410,838 | 1,460 |
| West Shewa | 489,903 | 8,738 | - | 8,278 | * | 3,687 | 5,893 | 462,661 | - |
| North Shewa | 613,970 | 18,326 | - | 28,100 | * | 1,835 | 2,578 | 559,431 | - |
| East Shewa | 314,058 | 13,149 | * | 29,118 | * | 953 | 4,113 | 265,701 | 405 |
| Arsi | 805,165 | 43,660 | * | 37,817 | 2,040 | 26,403 | 4,836 | 687,551 | 2,516 |
| West Harerghe | 107,076 | 5,536 | * | * | - | 848 | 278 | 96,970 | 1,595 |
| East Harerghe | 178,924 | 22,108 | - | * | - | 1,292 | - | 148,450 | - |
| Bale | 132,259 | 1,967 | - | 7,391 | - | 668 | 1,211 | 121,023 | - |
| Borena | 133,722 | * | * | 22,175 | - | 119 | 445 | 107,490 | - |
| South West Shewa | 120,567 | 3,991 | - | 5,915 | * | 167 | 898 | 108,004 | 1,356 |
| Guji | 216,922 | 3,804 | - | 29,689 | - | 224 | 2,728 | 179,893 | 585 |
| West Arsi | 445,341 | 7,139 | * | 29,628 | * | - | 1,537 | 402,621 | 2,478 |
| Kelem Wellega | 101,433 | * | - | 5,959 | - | 139 | 697 | 92,871 | 1,642 |
| Horoguduru Wellega | 95,056 | 2,801 | * | 5,145 | * | 461 | 564 | 84,848 | 865 |

TABLE 3-8 CONT'D

| Geographic Area | SHEEP AGED 2 YEARS AND OLDER | | | | | | | | |
|-------------------------|------------------------------|-------------|-------|----------|-------|-------------|-------|-----------|-------|
| | Total | MALE | | | | FEMALE | | | |
| | | Mutton/Meat | Wool | Breeding | Other | Mutton/Meat | Wool | Breeding | Other |
| Somale | 686,462 | 26,569 | * | 153,386 | * | 3,456 | 2,254 | 499,952 | 183 |
| Shinele | 104,732 | 7,221 | * | 18,029 | * | 216 | 261 | 78,771 | - |
| Jijiga | 453,838 | * | * | 112,836 | * | 2,089 | 1,477 | 321,902 | - |
| Liben | 127,892 | 4,184 | * | 22,521 | - | 1,151 | 516 | 99,280 | 183 |
| Benshangul-Gumuz | 39,145 | 1,318 | - | 2,983 | * | 63 | 34 | 34,552 | 137 |
| Metekel | 21,366 | 874 | - | 1,520 | - | - | - | 18,972 | - |
| Asosa | 8,819 | * | - | * | - | - | - | 7,872 | 73 |
| Kemeshi | 5,077 | 135 | - | 628 | * | 32 | - | 4,196 | 28 |
| Pawe Special | 922 | * | - | * | - | 17 | 9 | 812 | 10 |
| Mao Komo | 2,961 | * | - | 142 | - | 14 | 24 | 2,701 | 26 |
| SNNP | 2,075,360 | 103,273 | 1,337 | 106,881 | 6,745 | 8,591 | 8,308 | 1,834,434 | 5,790 |
| Gurage | 255,555 | 5,825 | - | 6,489 | * | 243 | 1,376 | 240,920 | 244 |
| Hadiya | 139,050 | 3,704 | * | 5,115 | * | - | 585 | 128,841 | - |
| Kembata Tembaro | 57,082 | 4,736 | - | 1,145 | * | 435 | - | 49,735 | 565 |
| Sidama | 218,651 | 5,244 | - | 8,286 | * | 473 | 480 | 203,720 | - |
| Gedio | 88,910 | 3,553 | * | 3,051 | * | 990 | - | 80,926 | 122 |
| Wolayita | 99,358 | 5,001 | - | 4,200 | * | 665 | 639 | 88,425 | 220 |
| South Omo | 209,618 | 17,733 | * | 28,599 | * | 2,356 | 1,185 | 156,485 | 977 |
| Shaka | 25,170 | 677 | - | 696 | * | 258 | 296 | 23,184 | - |
| Kaffa | 256,471 | * | * | * | - | 1,606 | 1,456 | 241,312 | 1,276 |
| Gamo Gofa | 192,850 | 10,305 | - | 9,350 | - | 237 | - | 172,686 | 272 |
| Bench Maji | 113,279 | * | - | 5,731 | * | 402 | 371 | 101,206 | 1,115 |
| Yem Sp. Wereda | 16,149 | * | - | 180 | * | - | 27 | 15,571 | 55 |
| Amaro Sp. Wereda | 21,510 | 2,372 | - | 1,645 | - | 40 | 101 | 17,352 | - |
| Burji Sp. Wereda | 2,875 | 88 | - | * | * | - | - | 2,271 | - |
| Konso Sp. Wereda | 81,697 | 20,966 | * | 8,214 | * | 153 | 297 | 51,768 | 76 |
| Derashe Sp. Wereda | 14,333 | 1,604 | - | 3,366 | - | 91 | 259 | 9,014 | - |
| Dawro | 46,999 | 3,434 | - | 2,215 | * | 164 | 539 | 40,278 | 165 |
| Basketo Sp. Wereda | 6,791 | 204 | - | 185 | * | 18 | 61 | 6,281 | 20 |
| Konta Sp. Wereda | 6,918 | 649 | - | 718 | * | - | 60 | 5,248 | 96 |
| Silte | 189,469 | 5,867 | - | 10,576 | * | 459 | 322 | 170,800 | 323 |
| Alaba Sp. Wereda | 32,629 | 702 | - | 2,875 | * | - | 253 | 28,410 | 263 |
| Gambela Region | 20,196 | 1,626 | * | 2,388 | * | 410 | 122 | 15,447 | 61 |
| Angnuwak | 1,293 | * | - | * | - | - | 38 | 1,083 | - |
| Nuware | 8,134 | * | * | * | - | 255 | - | 5,699 | 39 |
| Mezhenger | 4,017 | 384 | - | * | - | 47 | 84 | 3,431 | - |
| Itang Special | 6,751 | 514 | - | 807 | * | 108 | - | 5,234 | 22 |
| Harari | 2,459 | 262 | * | * | * | - | - | 1,947 | 79 |
| Hundene | 2,459 | 262 | * | * | * | - | - | 1,947 | 79 |
| Dire Dawa | 26,518 | 2,033 | - | 1,210 | - | 361 | 53 | 22,848 | 13 |

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

| Geographic Area | GOATS AGED 2 YEARS AND OLDER | | | | | | | |
|--------------------|------------------------------|---------|-----------|--------|--------|---------|-----------|--------|
| | Total | MALE | | | FEMALE | | | |
| | | Meat | Breeding | Other | Meat | Milk | Breeding | Other |
| Ethiopia | 10,848,418 | 728,139 | 1,115,719 | 57,257 | 49,968 | 704,175 | 8,146,363 | 46,797 |
| Tigray | 1,552,351 | 37,289 | 209,057 | 4,385 | 3,933 | 10,301 | 1,280,106 | 7,280 |
| North West Tigray | 449,195 | 15,893 | 55,553 | * | * | * | 370,136 | * |
| Central Tigray | 651,157 | 8,834 | 106,582 | 1,921 | * | * | 523,982 | * |
| Eastern Tigray | 106,464 | * | 10,729 | * | * | * | 91,219 | * |
| Southern Tigray | 207,177 | 4,016 | 23,848 | - | * | * | 177,912 | - |
| Western Tigray | 138,358 | 7,782 | 12,344 | * | 734 | - | 116,857 | * |
| Afar | 296,543 | 7,765 | 35,741 | * | 1,224 | 87,194 | 163,993 | * |
| Zone 1 | 188,568 | 2,532 | 21,266 | * | 732 | 59,031 | 104,879 | * |
| Zone 3 | 107,976 | 5,233 | 14,474 | * | * | 28,163 | 59,113 | - |
| Amhara | 2,797,127 | 289,214 | 217,980 | 20,392 | 8,088 | 13,404 | 2,233,355 | 14,695 |
| North Gonder | 585,527 | 34,855 | 34,613 | * | * | * | 511,741 | - |
| South Gonder | 375,152 | 31,158 | 21,743 | * | * | - | 319,623 | * |
| North Wolo | 293,438 | 24,282 | 28,666 | * | * | * | 234,116 | * |
| South Wolo | 393,046 | 44,986 | 51,894 | * | - | - | 289,923 | 4,486 |
| North Shewa | 392,158 | 93,333 | 23,877 | * | * | * | 267,918 | * |
| East Gojam | 185,729 | 22,943 | 4,381 | - | * | * | 150,921 | * |
| West Gojam | 176,748 | 17,741 | 5,855 | * | * | * | 148,665 | * |
| Waghamera | 234,175 | 9,622 | 32,682 | * | * | * | 177,929 | * |
| Awi | 47,728 | 5,491 | 1,121 | - | * | * | 38,526 | * |
| Oromia | 102,861 | 3,430 | 12,486 | * | * | * | 85,719 | - |
| Argoba Special | 10,565 | 1,374 | 661 | 189 | * | * | 8,273 | * |
| Oromia | 3,673,065 | 257,615 | 282,832 | 17,987 | 12,228 | 363,200 | 2,722,245 | 16,958 |
| West Wellega | 49,822 | * | 4,054 | * | - | - | 44,450 | * |
| East Wellega | 63,867 | * | 3,530 | - | * | * | 57,775 | * |
| Illubabor | 70,900 | 1,124 | 4,782 | * | - | - | 64,302 | * |
| Jimma | 126,233 | 6,296 | 5,023 | * | - | - | 114,581 | - |
| West Shewa | 133,781 | 12,171 | 4,901 | * | * | - | 113,340 | * |
| North Shewa | 117,749 | 10,579 | 7,068 | * | * | * | 94,742 | * |
| East Shewa | 321,899 | 15,906 | 36,740 | * | - | * | 250,316 | * |
| Arsi | 353,423 | 28,705 | 22,039 | 4,834 | * | 44,707 | 250,558 | * |
| West Harerghe | 485,190 | 69,826 | 9,586 | * | * | * | 389,866 | * |
| East Harerghe | 628,956 | 71,257 | 36,421 | - | * | * | 460,070 | * |
| Bale | 414,658 | 12,694 | 39,454 | * | * | 150,570 | 210,891 | * |
| Borena | 331,810 | * | 48,271 | * | * | 16,991 | 249,472 | * |
| South West Shewa | 91,899 | 8,781 | 9,839 | * | * | * | 60,057 | * |
| Guji | 223,442 | * | 29,917 | * | * | * | 147,562 | * |
| West Arsi | 158,517 | * | 13,582 | - | * | 15,709 | 125,123 | - |
| Kelem Wellega | 53,728 | * | * | - | - | * | 47,861 | * |
| Horiguduru Wellega | 47,190 | 2,141 | 2,809 | * | - | * | 41,278 | * |

TABLE 3-9 CONT'D

| Geographic Area | GOATS AGED 2 YEARS AND OLDER | | | | | | | |
|-------------------------|------------------------------|--------|----------|--------|--------|---------|----------|-------|
| | Total | MALE | | | FEMALE | | | |
| | | Meat | Breeding | Other | Meat | Milk | Breeding | Other |
| Somale | 890,811 | 35,315 | 188,341 | * | 8,912 | 106,204 | 548,630 | * |
| Shinele | 255,597 | 14,758 | 49,765 | - | * | 20,819 | 168,193 | * |
| Jijiga | 350,427 | 8,315 | 94,630 | * | * | * | 198,622 | * |
| Liben | 284,788 | 12,241 | 43,947 | * | 4,811 | 41,520 | 181,814 | * |
| Benshangul-Gumuz | 160,636 | 6,896 | 15,885 | * | 458 | * | 135,120 | 163 |
| Metekel | 65,810 | 3,324 | 5,086 | - | 74 | - | 57,196 | 132 |
| Asosa | 67,630 | 2,882 | 7,828 | * | 344 | * | 54,567 | - |
| Kemeshi | 21,471 | * | 2,564 | * | * | - | 18,186 | - |
| Pawe Special | 1,049 | 48 | * | * | - | * | 919 | * |
| Mao Komo | 4,676 | * | 360 | * | * | - | 4,251 | * |
| SNNP | 1,360,159 | 85,927 | 159,055 | 11,549 | * | 111,617 | 972,553 | 5,425 |
| Gurage | 78,059 | 4,244 | 8,024 | * | * | * | 62,826 | * |
| Hadiya | 54,243 | * | * | - | - | 3,629 | 45,506 | - |
| Kembata Tembaro | 23,580 | * | * | * | - | 1,785 | 20,598 | - |
| Sidama | 73,828 | 5,428 | 6,364 | - | * | 21,524 | 40,161 | - |
| Gedio | * | * | * | - | - | - | * | - |
| Wolayita | 51,491 | * | * | - | * | - | 45,489 | * |
| South Omo | 461,308 | * | 74,479 | * | * | 68,618 | 280,174 | * |
| Shaka | 4,488 | 329 | * | * | * | - | 3,640 | * |
| Kaffa | 75,053 | 2,283 | 3,359 | * | * | * | 67,052 | * |
| Gamo Gofa | 123,377 | 5,062 | 16,427 | * | * | * | 97,326 | * |
| Bench Maji | 33,616 | 3,031 | 1,554 | - | - | * | 28,316 | * |
| Yem Sp. Wereda | 9,881 | 206 | 229 | * | - | * | 9,034 | * |
| Amaro Sp. Wereda | 39,110 | 4,339 | 2,936 | * | * | 468 | 30,928 | - |
| Burji Sp. Wereda | 17,068 | 613 | 3,246 | - | - | * | 13,176 | - |
| Konso Sp. Wereda | 147,779 | 27,951 | 15,136 | * | 1,903 | * | 99,777 | * |
| Derashe Sp. Wereda | 43,552 | 2,575 | 10,155 | - | * | * | 30,352 | - |
| Dawro | 22,655 | * | 1,164 | * | * | * | 18,975 | * |
| Basketo Sp. Wereda | * | * | * | - | - | - | * | - |
| Konta Sp. Wereda | 4,875 | * | 249 | * | * | - | 4,183 | * |
| Silte | 48,578 | 720 | 3,325 | * | * | 2,686 | 39,014 | * |
| Alaba Sp. Wereda | 36,484 | 457 | 3,662 | * | * | 5,757 | 26,218 | - |
| Gambela Region | 23,553 | 1,313 | 2,901 | * | 524 | 3,882 | 14,495 | * |
| Angnuwak | 6,035 | * | * | - | * | * | 4,734 | * |
| Nuware | 10,848 | * | 1,920 | * | * | 1,487 | 6,221 | * |
| Mezhenger | 607 | * | * | - | - | - | 428 | - |
| Itang Special | 6,063 | 419 | 743 | * | * | 1,723 | 3,112 | * |
| Harari | 20,664 | 1,451 | 900 | * | * | 705 | 17,439 | - |
| Hundene | 20,664 | 1,451 | 900 | * | * | 705 | 17,439 | - |
| Dire Dawa | 73,507 | 5,355 | 3,026 | * | 472 | 5,990 | 58,427 | - |

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

| Geographic Area | HORSES AGED 3 YEARS AND OLDER | | | | | | |
|--------------------|-------------------------------|----------------|---------|--------|----------------|---------|---------|
| | Total | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Ethiopia | 1,403,484 | 589,975 | 63,845 | 12,140 | 486,707 | 83,400 | 167,417 |
| Tigray | * | 3,273 | - | * | * | - | * |
| North West Tigray | - | - | - | - | - | - | - |
| Central Tigray | - | - | - | - | - | - | - |
| Eastern Tigray | * | * | - | - | - | - | - |
| Southern Tigray | * | * | - | * | * | - | * |
| Western Tigray | * | * | - | - | * | - | - |
| Afar | * | * | - | - | - | - | - |
| Zone 1 | * | * | - | - | - | - | - |
| Zone 3 | - | - | - | - | - | - | - |
| Amhara | 248,305 | 47,737 | 48,928 | 1,952 | 42,407 | 59,640 | 47,641 |
| North Gonder | 31,582 | 7,548 | 4,955 | - | * | * | 8,483 |
| South Gonder | 12,254 | * | * | - | * | - | * |
| North Wolo | 26,551 | 3,673 | * | * | * | * | 5,516 |
| South Wolo | 56,920 | 11,851 | * | - | 12,051 | * | 9,691 |
| North Shewa | 18,431 | * | * | - | 11,444 | - | * |
| East Gojam | 40,109 | 12,756 | 4,914 | * | 4,315 | * | 10,976 |
| West Gojam | * | * | * | - | * | * | * |
| Waghamera | * | - | - | - | * | - | - |
| Awi | 48,041 | 4,850 | 24,393 | * | * | 14,016 | 4,085 |
| Oromia | * | * | - | - | - | - | - |
| Argoba special | - | - | - | - | - | - | - |
| Oromia | 861,127 | 406,565 | 7,959 | 5,591 | 351,598 | 15,833 | 73,581 |
| West Wellega | * | * | - | - | * | - | - |
| East Wellega | * | * | - | - | * | - | * |
| Illubabor | 34,555 | 10,452 | * | - | 18,424 | * | 4,769 |
| Jimma | 69,446 | 28,898 | - | * | 26,445 | - | 13,716 |
| West Shewa | 113,800 | 59,343 | * | * | 28,360 | 8,299 | * |
| North Shewa | 73,066 | 26,664 | - | * | 38,883 | 1,584 | * |
| East Shewa | 12,560 | 10,432 | * | - | * | - | - |
| Arsi | 185,855 | 78,486 | * | * | 100,025 | * | * |
| West Harerghe | * | * | - | - | * | * | - |
| East Harerghe | * | - | - | - | * | * | - |
| Bale | 27,503 | 18,805 | * | - | * | - | * |
| Borena | 1,696 | * | - | - | * | * | - |
| South West Shewa | 35,711 | 24,958 | * | - | 7,943 | * | * |
| Guji | 110,536 | 48,940 | * | * | 44,420 | * | 9,938 |
| West Arsi | 159,046 | 82,491 | - | - | 64,559 | * | 11,375 |
| Kelem Wellega | * | * | - | - | * | - | * |
| Horiguduru Wellega | 20,439 | 10,300 | * | - | 6,243 | * | * |

TABLE 3-10 CONT'D

| Geographic Area | HORSES AGED 3 YEARS AND OLDER | | | | | | |
|-------------------------|-------------------------------|----------------|---------|-------|----------------|---------|--------|
| | Total | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Somale | * | - | - | - | * | - | - |
| Shinele | - | - | - | - | - | - | - |
| Jijiga | - | - | - | - | - | - | - |
| Liben | * | - | - | - | * | - | - |
| Benshangul-Gumuz | 140 | - | 140 | - | - | - | - |
| Metekel | 140 | - | 140 | - | - | - | - |
| Asosa | - | - | - | - | - | - | - |
| Kemeshi | - | - | - | - | - | - | - |
| Pawe special | - | - | - | - | - | - | - |
| Mao Komo | - | - | - | - | - | - | - |
| SNNP | 282,760 | 132,029 | 6,818 | 3,947 | 91,201 | 7,927 | 40,838 |
| Gurage | 59,162 | 16,350 | * | * | 26,011 | - | 16,332 |
| Hadiya | 21,321 | 9,063 | - | * | 8,683 | * | 2,660 |
| Kembata Tembaro | 5,749 | 2,485 | * | * | * | - | 1,281 |
| Sidama | 43,764 | 29,777 | - | - | 12,740 | - | * |
| Gedio | 16,463 | 11,170 | - | * | 5,115 | - | - |
| Wolayita | * | * | - | * | * | - | * |
| South Omo | 15,131 | 7,000 | * | - | 5,268 | * | * |
| Shaka | 3,744 | 2,983 | * | - | * | - | * |
| Kaffa | 47,231 | 29,809 | * | * | 6,747 | - | 10,339 |
| Gamo Gofa | 15,913 | * | 4,289 | - | * | 5,736 | * |
| Bench Maji | 9,225 | 2,655 | - | - | 6,570 | - | - |
| Yem Sp. Wereda | 585 | 273 | - | - | 258 | - | * |
| Amaro Sp. Wereda | 2,593 | 991 | - | - | 1,603 | - | - |
| Burji Sp. Wereda | - | - | - | - | - | - | - |
| Konso Sp. Wereda | - | - | - | - | - | - | - |
| Derashe Sp. Wereda | * | - | * | - | - | * | - |
| Dawro | 5,917 | 1,870 | * | * | 2,321 | * | 1,302 |
| Basketo Sp. Wereda | 324 | 212 | * | - | * | * | - |
| Konta Sp. Wereda | 989 | 626 | - | - | * | - | * |
| Silte | 26,512 | 11,292 | - | - | 10,632 | * | * |
| Alaba Sp. Wereda | 3,977 | 1,955 | - | - | 1,957 | - | * |
| Gambela Region | 336 | 336 | - | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | 336 | 336 | - | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Hundene | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

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

| Geographic Area | DONKEYS AGED 3 YEARS AND OLDER | | | | | | |
|--------------------|--------------------------------|----------------|---------|--------|----------------|---------|---------|
| | TOTAL | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Ethiopia | 4,358,653 | 1,409,572 | 327,422 | 44,003 | 2,042,853 | 409,188 | 125,614 |
| Tigray | 358,927 | 148,634 | 41,406 | 3,334 | 112,818 | 45,623 | 7,112 |
| North West Tigray | 54,611 | 23,989 | * | * | 26,341 | * | * |
| Central Tigray | 102,643 | 28,546 | 20,298 | * | 24,887 | 24,877 | 3,325 |
| Eastern Tigray | 66,276 | 33,094 | 1,586 | * | 28,565 | * | * |
| Southern Tigray | 102,234 | 42,191 | 13,060 | - | 29,964 | 15,805 | * |
| Western Tigray | 33,164 | 20,814 | 5,297 | * | 3,062 | 1,253 | * |
| Afar | 22,860 | 10,633 | * | * | 11,636 | * | 341 |
| Zone 1 | 9,964 | 3,996 | * | - | 5,833 | - | * |
| Zone 3 | 12,896 | 6,637 | - | * | 5,803 | * | * |
| Amhara | 1,293,464 | 362,468 | 132,322 | 14,104 | 483,280 | 222,879 | 78,412 |
| North Gonder | 172,052 | 65,038 | 8,465 | - | 71,535 | 21,735 | 5,280 |
| South Gonder | 144,050 | 28,686 | 4,779 | - | 82,118 | 13,561 | 14,906 |
| North Wolo | 117,424 | 30,911 | 8,438 | - | 55,637 | 15,321 | 7,118 |
| South Wolo | 248,347 | 78,169 | 28,479 | * | 82,828 | 37,525 | 18,920 |
| North Shewa | 212,622 | 86,595 | 12,294 | * | 87,507 | 21,688 | 4,204 |
| East Gojam | 175,944 | 13,952 | 36,345 | 8,911 | 29,663 | 65,080 | 21,994 |
| West Gojam | 119,608 | 22,708 | 24,498 | * | 22,092 | 44,917 | 4,169 |
| Waghamera | 45,558 | 19,564 | * | - | 25,612 | * | - |
| Awi | 34,230 | 7,738 | * | * | 13,178 | 2,758 | 1,095 |
| Oromia | 22,267 | 8,689 | * | * | 12,512 | - | * |
| Argoba Special | 1,362 | 420 | 88 | - | 600 | 165 | 90 |
| Oromia | 1,708,600 | 699,564 | 124,750 | 16,488 | 706,236 | 129,736 | 31,826 |
| West Wellega | 77,513 | 27,628 | 1,494 | * | 45,679 | * | * |
| East Wellega | 55,060 | 18,200 | * | - | 28,905 | * | * |
| Illubabor | 13,890 | 7,323 | * | 901 | 3,839 | - | * |
| Jimma | 44,430 | 28,228 | * | * | 11,671 | * | * |
| West Shewa | 89,941 | 39,540 | * | 1,298 | 36,556 | 5,995 | * |
| North Shewa | 138,858 | 38,298 | 16,093 | 1,110 | 44,920 | 36,915 | * |
| East Shewa | 203,837 | 70,020 | 34,403 | * | 63,953 | 34,355 | * |
| Arsi | 232,091 | 105,290 | * | * | 121,768 | * | * |
| West Harerghe | 138,438 | 66,269 | 10,714 | * | 50,680 | 9,233 | * |
| East Harerghe | 172,849 | 69,953 | 27,045 | * | 56,730 | 10,560 | * |
| Bale | 155,315 | 73,560 | * | * | 67,698 | * | * |
| Borena | 48,282 | 24,217 | 1,162 | * | 17,515 | * | * |
| South West Shewa | 98,866 | 37,301 | 13,125 | - | 30,909 | 16,911 | * |
| Guji | 42,693 | 19,757 | * | * | 20,677 | * | - |
| West Arsi | 136,723 | 51,225 | * | * | 76,139 | * | * |
| Kelem Wellega | 23,046 | 11,043 | * | * | 8,146 | * | * |
| Horoguduru Wellega | 36,766 | 11,713 | * | * | 20,451 | * | * |

TABLE 3-11 CONT'D

| Geographic Area | DONKEYS AGED 3 YEARS AND OLDER | | | | | | |
|-------------------------|--------------------------------|----------------|---------|-------|----------------|---------|-------|
| | TOTAL | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Somale | * | 38,724 | * | * | * | * | * |
| Shinele | 12,243 | 6,284 | - | - | 5,960 | - | - |
| Jijiga | 43,997 | 21,567 | * | * | 20,701 | * | * |
| Liben | * | 10,873 | - | * | * | * | * |
| Benshangul-Gumuz | 41,917 | 12,283 | 16,230 | 81 | 10,023 | 3,156 | 143 |
| Metekel | 18,947 | 1,696 | 13,883 | 81 | 337 | 2,807 | 143 |
| Asosa | 15,714 | 7,386 | * | - | 7,889 | * | - |
| Kemeshi | 5,231 | 2,106 | 2,137 | - | 989 | - | - |
| Pawe Special | 222 | * | * | - | 102 | * | - |
| Mao Komo | 1,802 | 1,054 | * | - | 706 | * | - |
| SNNP | 299,809 | 130,158 | 11,045 | 6,617 | 141,533 | 6,158 | 4,297 |
| Gurage | 42,288 | 23,288 | - | * | 17,543 | - | * |
| Hadiya | 45,232 | 15,918 | - | * | 27,852 | * | * |
| Kembata Tembaro | 16,186 | 11,385 | * | * | 4,158 | - | - |
| Sidama | 54,415 | 29,862 | - | - | 24,553 | - | - |
| Gedio | * | * | - | - | - | - | - |
| Wolayita | 22,260 | 11,852 | * | 5,106 | * | - | - |
| South Omo | 7,282 | 2,561 | - | - | 3,988 | * | * |
| Shaka | 1,399 | 1,345 | - | - | - | * | - |
| Kaffa | * | * | * | - | * | - | - |
| Gamo Gofa | 14,719 | 5,944 | - | - | * | * | * |
| Bench Maji | * | * | * | - | - | - | - |
| Yem Sp. Wereda | 2,329 | 887 | * | - | 1,244 | * | * |
| Amaro Sp. Wereda | 1,167 | 851 | - | * | * | - | - |
| Burji Sp. Wereda | 3,633 | 1,406 | * | * | 1,294 | * | * |
| Konso Sp. Wereda | 5,724 | 2,154 | * | - | 2,105 | * | - |
| Derashe Sp. Wereda | 11,752 | 639 | 8,417 | * | * | 1,557 | * |
| Dawro | 2,319 | 1,455 | * | - | 782 | - | - |
| Basketo Sp. Wereda | 308 | * | - | - | * | - | - |
| Konta Sp. Wereda | * | * | * | * | - | - | - |
| Silte | 41,215 | 11,385 | - | - | 29,488 | - | * |
| Alaba Sp. Wereda | 22,284 | 4,689 | * | - | 16,393 | * | * |
| Gambela Region | * | * | * | - | * | - | - |
| Angnuwak | * | * | * | - | - | - | - |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | * | * | - | - | - | - | - |
| Itang Special | * | - | - | - | * | - | - |
| Harari | 7,455 | 3,843 | 578 | * | 1,330 | 751 | 709 |
| Hundene | 7,455 | 3,843 | 578 | * | 1,330 | 751 | 709 |
| Dire Dawa | 9,772 | 3,042 | 594 | * | 5,214 | 547 | * |

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

| Geographic Area | MULES AGED 3 YEARS AND OLDER | | | | | | |
|--------------------|------------------------------|----------------|---------|-------|----------------|---------|-------|
| | TOTAL | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Ethiopia | 325,817 | 147,633 | 11,521 | 3,869 | 151,031 | 9,036 | 2,727 |
| Tigray | 6,247 | * | * | * | 2,325 | * | * |
| North West Tigray | * | - | - | - | * | - | - |
| Central Tigray | * | - | - | - | * | - | - |
| Eastern Tigray | * | - | - | * | - | - | - |
| Southern Tigray | * | * | * | - | * | * | * |
| Western Tigray | 857 | 691 | - | - | * | - | - |
| Afar | * | * | - | - | * | - | - |
| Zone 1 | - | - | - | - | - | - | - |
| Zone 3 | * | * | - | - | * | - | - |
| Amhara | 110,217 | 40,418 | 9,025 | 2,200 | 50,711 | 6,663 | * |
| North Gondar | 10,350 | 4,424 | - | - | 5,926 | - | - |
| South Gondar | 16,597 | 5,541 | * | * | 6,175 | * | * |
| North Wolo | 15,146 | 4,236 | * | * | 8,331 | * | - |
| South Wolo | 35,966 | 12,181 | * | * | 18,757 | * | * |
| North Shewa | 6,663 | 4,746 | - | - | 1,917 | - | - |
| East Gojam | 7,384 | * | * | * | 2,781 | * | - |
| West Gojam | 10,462 | 2,907 | * | - | 4,096 | * | * |
| Waghamera | 3,216 | 1,330 | - | - | 1,886 | - | - |
| Awi | 4,205 | 1,262 | 1,471 | * | 732 | - | * |
| Oromia | * | * | - | - | * | - | - |
| Argoba Special | * | * | - | - | - | - | - |
| Oromia | 160,943 | 79,124 | 1,363 | * | 78,780 | 963 | * |
| West Wellega | 5,676 | 2,833 | - | - | 2,844 | - | - |
| East Wellega | 2,954 | * | - | - | 2,341 | - | - |
| Illubabor | 9,899 | 3,822 | * | - | 5,860 | - | - |
| Jimma | 29,691 | 9,094 | - | - | 20,265 | * | - |
| West Shewa | 9,117 | 3,481 | - | - | 5,636 | - | - |
| North Shewa | 4,849 | 2,642 | - | - | 2,207 | - | - |
| East Shewa | 9,228 | 8,358 | * | - | * | - | - |
| Arsi | 23,784 | 12,045 | - | - | 11,738 | - | - |
| West Harerghe | 2,944 | 1,141 | - | - | * | - | - |
| East Harerghe | - | - | - | - | - | - | - |
| Bale | 17,751 | 9,445 | - | - | 8,306 | - | - |
| Borena | 5,486 | 4,034 | - | - | 1,453 | - | - |
| South West Shewa | 8,525 | 3,417 | - | - | 4,742 | - | * |
| Guji | 15,539 | 10,353 | - | * | 4,736 | * | - |
| West Arsi | 4,008 | * | - | - | 2,590 | - | - |
| Kelem Wellega | 8,041 | 4,330 | * | - | 2,801 | * | * |
| Horoguduru Wellega | 3,452 | 2,101 | * | - | 1,000 | * | - |

TABLE 3-12 CONT'D

| Geographic Area | MULES AGED 3 YEARS AND OLDER | | | | | | |
|-------------------------|------------------------------|----------------|---------|-------|----------------|---------|-------|
| | TOTAL | MALE | | | FEMALE | | |
| | | Transportation | Draught | Other | Transportation | Draught | Other |
| Somale | * | * | | | * | | |
| Shinele | - | - | - | - | - | - | - |
| Jijiga | - | - | - | - | - | - | - |
| Liben | * | * | - | - | * | - | - |
| Benshangul-Gumuz | 682 | 399 | * | - | 198 | 73 | - |
| Metekel | 276 | 137 | - | - | 67 | 73 | - |
| Asosa | * | * | - | - | * | - | - |
| Kemeshi | * | * | - | - | - | - | - |
| Pawe Special | * | * | * | - | - | - | - |
| Mao Komo | * | * | - | - | 63 | - | - |
| SNNP | 47,121 | 24,533 | * | * | 18,672 | * | * |
| Gurage | 2,390 | * | - | - | * | * | - |
| Hadiya | 6,037 | 3,807 | - | - | 2,230 | - | - |
| Kembata Tembaro | 1,632 | 1,080 | * | - | * | - | * |
| Sidama | * | - | - | - | * | - | - |
| Gedio | 4,642 | 2,528 | - | * | 1,111 | - | * |
| Wolayita | * | * | - | * | * | - | - |
| South Omo | 3,531 | 1,641 | - | - | * | * | - |
| Shaka | 818 | * | - | - | 325 | - | - |
| Kaffa | 9,152 | 5,964 | - | * | 2,686 | - | * |
| Gamo Gofa | 4,340 | * | * | - | 2,260 | * | - |
| Bench Maji | 1,843 | * | - | - | * | - | - |
| Yem Sp. Wereda | * | * | - | - | * | - | - |
| Amaro Sp. Wereda | 778 | 343 | - | - | 435 | - | - |
| Burji Sp. Wereda | 151 | * | - | - | 102 | - | - |
| Konso Sp. Wereda | - | - | - | - | - | - | - |
| Derashe Sp. Wereda | * | * | - | - | * | * | - |
| Dawro | 4,536 | 2,600 | - | - | 1,849 | - | * |
| Basketo Sp. Wereda | 436 | 152 | * | - | 163 | * | - |
| Konta Sp. Wereda | 421 | 219 | - | * | * | - | * |
| Silte | 2,847 | 1,458 | - | - | 1,388 | - | - |
| Alaba Sp. Wereda | * | * | - | - | * | - | - |
| Gambela Region | * | * | - | - | * | - | - |
| Angnuwak | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | * | * | - | - | * | - | - |
| Itang Special | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Hundene | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 3-13 CONT'D

| Geographic Area | CAMELS AGED 4 YEARS AND OLDER | | | | | | | | | |
|-------------------------|-------------------------------|----------------|--------|---------|-------|----------------|--------|---------|---------|--------|
| | TOTAL | MALE | | | | FEMALE | | | | |
| | | Transportation | Meat | Draught | Other | Transportation | Meat | Draught | Milk | Others |
| Somale | 246,556 | 49,138 | 10,656 | * | * | 2,808 | 14,001 | * | 108,524 | * |
| Shinele | 20,494 | 7,703 | * | - | * | * | 2,068 | - | 6,932 | * |
| Jijiga | 59,688 | 16,897 | * | * | * | * | 5,459 | * | 23,420 | * |
| Liben | 166,374 | 24,537 | 7,028 | - | * | 1,419 | 6,474 | * | 78,172 | * |
| Benshangul-Gumuz | | | | | | | | | | |
| Metekel | | | | | | | | | | |
| Asosa | | | | | | | | | | |
| Kemeshi | | | | | | | | | | |
| Pawe Special | | | | | | | | | | |
| Mao Komo | | | | | | | | | | |
| SNNP | * | | * | | | | | | | |
| Gurage | | | | | | | | | | |
| Hadiya | | | | | | | | | | |
| Kembata Tembaro | | | | | | | | | | |
| Sidama | | | | | | | | | | |
| Gedio | | | | | | | | | | |
| Wolayita | | | | | | | | | | |
| South Omo | | | | | | | | | | |
| Shaka | | | | | | | | | | |
| Kaffa | | | | | | | | | | |
| Gamo Gofa | | | | | | | | | | |
| Bench Maji | | | | | | | | | | |
| Yem Sp. Wereda | | | | | | | | | | |
| Amaro Sp. Wereda | | | | | | | | | | |
| Burji Sp. Wereda | * | | * | | | | | | | |
| Konso Sp. Wereda | | | | | | | | | | |
| Derashe Sp. Wereda | | | | | | | | | | |
| Dawro | | | | | | | | | | |
| Basketo Sp. Wereda | | | | | | | | | | |
| Konta Sp. Wereda | | | | | | | | | | |
| Silte | | | | | | | | | | |
| Alaba Sp. Wereda | | | | | | | | | | |
| Gambela Region | | | | | | | | | | |
| Angnuwak | | | | | | | | | | |
| Nuware | | | | | | | | | | |
| Mezhenger | | | | | | | | | | |
| Itang Special | | | | | | | | | | |
| Harari | * | * | * | | | | * | | * | |
| Hundene | * | * | * | | | | * | | * | |
| Dire Dawa | 3,323 | 1,454 | * | | * | * | 284 | | 1,035 | 475 |

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

| Geographic Area | Total | MALE | | | FEMALE | | |
|--------------------|------------|------------|---------|--------|------------|---------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Ethiopia | 47,570,675 | 20,978,790 | 109,242 | 13,223 | 26,237,158 | 201,966 | 30,297 |
| Tigray | 3,119,407 | 1,466,940 | 7,443 | * | 1,634,124 | 9,164 | 1,553 |
| North West Tigray | 771,917 | 335,269 | * | - | 435,646 | * | * |
| Central Tigray | 754,280 | 399,993 | 2,128 | * | 350,317 | * | * |
| Eastern Tigray | 380,860 | 184,715 | 3,922 | - | 186,472 | 5,450 | * |
| Southern Tigray | 671,199 | 344,292 | * | - | 324,479 | 813 | * |
| Western Tigray | 541,151 | 202,671 | * | - | 337,210 | * | - |
| Afar | 401,167 | 92,232 | - | - | 308,935 | - | - |
| Zone 1 | 223,960 | 43,529 | - | - | 180,431 | - | - |
| Zone 3 | 177,207 | 48,703 | - | - | 128,504 | - | - |
| Amhara | 11,757,295 | 5,984,611 | 12,529 | * | 5,719,364 | 35,158 | 3,008 |
| North Gondar | 2,157,749 | 1,034,130 | * | - | 1,119,187 | * | * |
| South Gondar | 1,310,023 | 695,834 | * | - | 612,923 | * | - |
| North Wolo | 986,458 | 455,715 | - | - | 530,166 | * | * |
| South Wolo | 1,652,507 | 858,146 | * | * | 786,371 | 3,845 | * |
| North Shewa | 1,138,365 | 656,812 | 6,074 | - | 453,973 | * | - |
| East Gojam | 1,489,042 | 809,717 | * | * | 673,519 | * | * |
| West Gojam | 1,785,578 | 905,987 | * | * | 875,641 | * | * |
| Waghamera | 274,866 | 131,179 | - | - | 143,564 | - | * |
| Awi | 660,935 | 293,233 | * | - | 367,326 | * | - |
| Oromia | 281,362 | 133,969 | * | - | 146,174 | * | - |
| Argoba Special | 20,410 | 9,891 | - | - | 10,519 | - | - |
| Oromia | 21,410,978 | 9,472,940 | 79,509 | 9,736 | 11,699,853 | 124,644 | 24,296 |
| West Wellega | 898,055 | 401,202 | - | - | 496,852 | - | - |
| East Wellega | 834,163 | 394,698 | - | - | 439,465 | - | - |
| Illubabor | 893,207 | 406,513 | - | - | 486,193 | * | - |
| Jimma | 2,006,467 | 938,934 | - | - | 1,067,533 | - | - |
| West Shewa | 1,641,785 | 799,472 | * | * | 830,831 | * | * |
| North Shewa | 1,410,831 | 667,633 | 28,443 | * | 666,099 | 43,546 | * |
| East Shewa | 1,204,478 | 603,021 | * | * | 594,116 | 1,157 | * |
| Arsi | 2,510,936 | 1,146,567 | 25,959 | * | 1,283,918 | 39,088 | * |
| West Harerghe | 1,247,429 | 564,316 | - | - | 683,113 | - | - |
| East Harerghe | 1,443,614 | 566,760 | * | - | 876,386 | - | - |
| Bale | 1,294,744 | 595,041 | * | - | 695,270 | 2,513 | - |
| Borena | 1,224,163 | 424,514 | - | - | 799,649 | - | - |
| South West Shewa | 821,641 | 437,461 | 1,570 | - | 381,038 | 1,212 | * |
| Guji | 1,164,073 | 419,980 | - | - | 744,092 | - | - |
| West Arsi | 1,861,402 | 651,174 | 16,173 | * | 1,157,323 | 30,055 | * |
| Kelem Wellega | 350,838 | 167,981 | - | - | 182,857 | - | - |
| Horoguduru Wellega | 603,154 | 287,673 | * | - | 315,117 | * | - |

TABLE 3-14 CONT'D

| Geographic Area | Total | MALE | | | FEMALE | | |
|-------------------------|-----------|------------|--------|--------|------------|--------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Somale | 640,357 | 203,680 | - | - | 436,596 | - | * |
| Shinele | 37,318 | 10,936 | - | - | 26,382 | - | - |
| Jijiga | 377,363 | 130,612 | - | - | 246,671 | - | * |
| Liben | 225,676 | 62,133 | - | - | 163,543 | - | - |
| Benshangul-Gumuz | 363,590 | 165,721 | - | - | 197,869 | - | - |
| Metekel | 246,660 | 112,156 | - | - | 134,505 | - | - |
| Asosa | 65,108 | 30,471 | - | - | 34,637 | - | - |
| Kemeshi | 16,393 | 6,875 | - | - | 9,517 | - | - |
| Pawe Special | 20,441 | 9,766 | - | - | 10,675 | - | - |
| Mao Komo | 14,989 | 6,453 | - | - | 8,536 | - | - |
| SNNP | 9,574,677 | 3,492,386 | 9,733 | * | 6,037,934 | 32,780 | 1,191 |
| Gurage | 1,134,911 | 327,188 | * | - | 806,355 | * | - |
| Hadiya | 718,717 | 302,110 | * | * | 412,106 | * | - |
| Kembata Tembaro | 341,541 | 129,072 | 4,237 | - | 189,436 | 18,261 | * |
| Sidama | 1,573,283 | 374,920 | * | - | 1,195,241 | * | - |
| Gedio | 116,995 | 54,839 | - | - | 61,980 | * | - |
| Wolayita | 764,999 | 285,091 | * | - | 472,812 | * | * |
| South Omo | 818,754 | 315,908 | * | * | 501,879 | - | * |
| Shaka | 84,827 | 32,073 | - | - | 52,754 | - | - |
| Kaffa | 934,532 | 378,109 | - | - | 556,423 | - | - |
| Gamo Gofa | 1,058,731 | 422,531 | * | - | 634,614 | * | * |
| Bench Maji | 426,598 | 170,778 | * | * | 254,828 | * | - |
| Yem Sp. Wereda | 67,381 | 31,255 | - | - | 36,126 | - | - |
| Amaro Sp. Wereda | 115,045 | 51,139 | - | - | 63,906 | - | - |
| Burji Sp. Wereda | 45,973 | 25,189 | - | - | 20,784 | - | - |
| Konso Sp. Wereda | 146,041 | 70,271 | - | - | 75,770 | - | - |
| Derashe Sp. Wereda | 60,659 | 35,363 | - | - | 25,297 | - | - |
| Dawro | 332,490 | 132,911 | - | - | 199,579 | - | - |
| Basketo Sp. Wereda | 34,585 | 16,197 | - | - | 18,388 | - | - |
| Konta Sp. Wereda | 71,212 | 31,510 | - | - | 39,702 | - | - |
| Silte | 544,392 | 224,860 | * | - | 318,286 | * | - |
| Alaba Sp. Wereda | 183,011 | 81,072 | - | - | 101,669 | * | * |
| Gambela Region | 212,591 | 66,885 | - | - | 145,706 | - | - |
| Angnuwak | 30,410 | 12,118 | - | - | 18,292 | - | - |
| Nuware | 112,871 | 36,095 | - | - | 76,776 | - | - |
| Mezhenger | 17,921 | 4,921 | - | - | 13,000 | - | - |
| Itang Special | 51,389 | 13,752 | - | - | 37,637 | - | - |
| Harari | 40,775 | 14,961 | * | * | 25,558 | * | * |
| Hundene | 40,775 | 14,961 | * | * | 25,558 | * | * |
| Dire Dawa | 49,838 | 18,434 | - | - | 31,219 | * | * |

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

| Geographic Area | Total | MALE | | | FEMALE | | |
|--------------------|------------|------------|--------|--------|------------|--------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Ethiopia | 26,117,272 | 6,875,335 | * | * | 19,214,310 | 15,652 | * |
| Tigray | 1,388,104 | 340,331 | * | - | 1,046,535 | * | - |
| North West Tigray | 79,967 | 20,349 | - | - | 59,168 | * | - |
| Central Tigray | 318,478 | 87,550 | - | - | 230,735 | * | - |
| Eastern Tigray | 604,471 | 134,383 | * | - | 469,920 | - | - |
| Southern Tigray | 333,976 | 83,611 | * | - | 249,938 | * | - |
| Western Tigray | 51,211 | 14,437 | - | - | 36,774 | - | - |
| Afar | 353,418 | 89,127 | - | - | 264,291 | - | - |
| Zone 1 | 209,622 | 48,386 | - | - | 161,236 | - | - |
| Zone 3 | 143,796 | 40,741 | - | - | 103,055 | - | - |
| Amhara | 9,469,746 | 2,436,544 | * | * | 7,020,844 | 4,899 | - |
| North Gondar | 959,969 | 211,132 | - | - | 748,837 | - | - |
| South Gondar | 834,443 | 192,777 | - | - | 641,354 | * | - |
| North Wolo | 1,083,949 | 276,122 | * | - | 805,539 | * | - |
| South Wolo | 2,370,205 | 731,536 | * | * | 1,629,409 | * | - |
| North Shewa | 1,128,501 | 311,422 | - | - | 816,581 | * | - |
| East Gojam | 1,509,635 | 314,856 | - | - | 1,194,778 | - | - |
| West Gojam | 955,394 | 239,297 | - | - | 716,097 | - | - |
| Waghamera | 133,707 | 35,879 | - | - | 97,828 | - | - |
| Awi | 454,332 | 105,375 | - | - | 348,957 | - | - |
| Oromia | 39,005 | 17,778 | - | - | 21,227 | - | - |
| Argoba Special | 606 | 369 | - | - | 237 | - | - |
| Oromia | 9,401,844 | 2,487,845 | * | * | 6,901,591 | 9,624 | - |
| West Wellega | 289,569 | 74,838 | - | - | 214,732 | - | - |
| East Wellega | 271,817 | 79,034 | - | - | 192,783 | - | - |
| Illubabor | 441,313 | 111,240 | - | - | 330,073 | - | - |
| Jimma | 894,719 | 237,700 | - | - | 657,019 | - | - |
| West Shewa | 940,417 | 203,595 | - | - | 736,822 | - | - |
| North Shewa | 1,097,102 | 266,666 | * | - | 828,084 | * | - |
| East Shewa | 702,544 | 222,914 | - | - | 479,631 | - | - |
| Arsi | 1,651,661 | 438,252 | * | * | 1,204,338 | * | - |
| West Harerghe | 214,017 | 55,559 | - | - | 158,458 | - | - |
| East Harerghe | 365,252 | 114,609 | - | - | 250,643 | - | - |
| Bale | 264,470 | 71,278 | - | - | 193,192 | - | - |
| Borena | 241,584 | 70,755 | - | - | 170,828 | - | - |
| South West Shewa | 238,945 | 64,177 | - | - | 174,347 | * | - |
| Guji | 395,423 | 111,237 | - | - | 284,186 | - | - |
| West Arsi | 967,126 | 250,679 | - | - | 715,882 | * | - |
| Kelem Wellega | 217,697 | 59,029 | - | - | 158,668 | - | - |
| Horoguduru Wellega | 208,189 | 56,284 | - | - | 151,905 | - | - |

TABLE 3-15 CONT'D

| Geographic Area | Total | MALE | | | FEMALE | | |
|-------------------------|-----------|------------|--------|--------|------------|--------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Somale | 1,306,061 | 431,561 | - | - | 874,500 | - | - |
| Shinele | 218,817 | 67,905 | - | - | 150,912 | - | - |
| Jijiga | 855,835 | 292,697 | - | - | 563,138 | - | - |
| Liben | 231,409 | 70,959 | - | - | 160,450 | - | - |
| Benshangul-Gumuz | 85,274 | 24,764 | - | - | 60,510 | - | - |
| Metekel | 42,568 | 12,064 | - | - | 30,503 | - | - |
| Asosa | 18,593 | 5,409 | - | - | 13,183 | - | - |
| Kemeshi | 11,767 | 3,836 | - | - | 7,931 | - | - |
| Pawe Special | 2,578 | 656 | - | - | 1,921 | - | - |
| Mao Komo | 9,769 | 2,798 | - | - | 6,971 | - | - |
| SNNP | 4,000,053 | 1,028,223 | * | * | 2,970,207 | * | * |
| Gurage | 466,514 | 93,504 | - | - | 373,010 | - | - |
| Hadiya | 277,483 | 64,261 | - | - | 213,222 | - | - |
| Kembata Tembaro | 112,323 | 32,621 | - | - | 79,702 | - | - |
| Sidama | 429,562 | 102,276 | - | - | 327,286 | - | - |
| Gedio | 181,231 | 49,670 | - | - | 131,561 | - | - |
| Wolayita | 220,150 | 62,752 | - | - | 157,398 | - | - |
| South Omo | 420,389 | 139,395 | - | - | 280,994 | - | - |
| Shaka | 52,211 | 12,459 | - | - | 39,751 | - | - |
| Kaffa | 473,743 | 103,834 | - | - | 369,909 | - | - |
| Gamo Gofa | 368,215 | 85,521 | * | - | 282,150 | * | - |
| Bench Maji | 196,685 | 43,818 | - | * | 151,788 | - | * |
| Yem Sp. Wereda | 30,856 | 6,748 | - | - | 24,108 | - | - |
| Amaro Sp. Wereda | 41,794 | 12,124 | - | - | 29,670 | - | - |
| Burji Sp. Wereda | 4,868 | 1,500 | - | - | 3,368 | - | - |
| Konso Sp. Wereda | 141,070 | 53,852 | - | - | 87,218 | - | - |
| Derashe Sp. Wereda | 21,918 | 9,185 | - | - | 12,733 | - | - |
| Dawro | 106,163 | 33,761 | - | - | 72,402 | - | - |
| Basketo Sp. Wereda | 12,515 | 2,238 | - | - | 10,277 | - | - |
| Konta Sp. Wereda | 16,457 | 7,132 | - | - | 9,325 | - | - |
| Silte | 367,518 | 97,167 | - | - | 270,351 | - | - |
| Alaba Sp. Wereda | 58,388 | 14,402 | - | - | 43,986 | - | - |
| Gambela Region | 48,114 | 16,532 | - | - | 31,582 | - | - |
| Angnuwak | * | * | - | - | 1,761 | - | - |
| Nuware | 23,351 | * | - | - | 14,185 | - | - |
| Mezhenger | 8,816 | 3,123 | - | - | 5,693 | - | - |
| Itang Special | 13,593 | 3,650 | - | - | 9,943 | - | - |
| Harari | 5,035 | 1,578 | - | - | 3,458 | - | - |
| Hundene | 5,035 | 1,578 | - | - | 3,458 | - | - |
| Dire Dawa | 59,623 | 18,830 | - | - | 40,793 | - | - |

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

| Geographic Area | Total | MALE | | | FEMALE | | |
|--------------------|------------|------------|--------|--------|------------|--------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Ethiopia | 21,709,428 | 6,650,992 | * | - | 15,056,233 | * | - |
| Tigray | 3,005,463 | 855,177 | * | - | 2,149,070 | * | - |
| North West Tigray | 903,196 | 254,858 | - | - | 648,338 | - | - |
| Central Tigray | 1,237,653 | 375,394 | * | - | 861,042 | * | - |
| Eastern Tigray | 201,410 | 47,612 | - | - | 153,798 | - | - |
| Southern Tigray | 385,890 | 97,228 | - | - | 288,662 | - | - |
| Western Tigray | 277,314 | 80,085 | - | - | 197,230 | - | - |
| Afar | 599,828 | 141,951 | - | - | 457,877 | - | - |
| Zone 1 | 345,432 | 72,208 | - | - | 273,224 | - | - |
| Zone 3 | 254,396 | 69,743 | - | - | 184,652 | - | - |
| Amhara | 5,468,624 | 1,750,545 | - | - | 3,718,079 | - | - |
| North Gondar | 1,281,298 | 401,400 | - | - | 879,899 | - | - |
| South Gondar | 736,524 | 207,126 | - | - | 529,398 | - | - |
| North Wolo | 543,677 | 161,816 | - | - | 381,861 | - | - |
| South Wolo | 701,007 | 252,558 | - | - | 448,449 | - | - |
| North Shewa | 717,460 | 281,061 | - | - | 436,399 | - | - |
| East Gojam | 392,831 | 116,081 | - | - | 276,750 | - | - |
| West Gojam | 354,905 | 102,199 | - | - | 252,705 | - | - |
| Waghamera | 396,670 | 119,821 | - | - | 276,849 | - | - |
| Awi | 112,215 | 38,779 | - | - | 73,436 | - | - |
| Oromia | 209,776 | 61,797 | - | - | 147,979 | - | - |
| Argoba Special | 22,261 | 7,908 | - | - | 14,354 | - | - |
| Oromia | 7,685,529 | 2,347,247 | - | - | 5,338,002 | * | - |
| West Wellega | 115,354 | 38,501 | - | - | 76,853 | - | - |
| East Wellega | 157,806 | 46,295 | - | - | 111,511 | - | - |
| Illubabor | 188,724 | 55,967 | - | - | 132,757 | - | - |
| Jimma | 248,049 | 67,218 | - | - | 180,831 | - | - |
| West Shewa | 320,114 | 106,564 | - | - | 213,550 | - | - |
| North Shewa | 252,947 | 83,754 | - | - | 169,193 | - | - |
| East Shewa | 733,537 | 234,531 | - | - | 498,726 | * | - |
| Arsi | 718,810 | 212,999 | - | - | 505,811 | - | - |
| West Harerghe | 980,004 | 306,715 | - | - | 673,290 | - | - |
| East Harerghe | 1,292,484 | 407,491 | - | - | 884,993 | - | - |
| Bale | 794,277 | 218,671 | - | - | 575,607 | - | - |
| Borena | 676,890 | 200,941 | - | - | 475,949 | - | - |
| South West Shewa | 200,461 | 72,295 | - | - | 128,166 | - | - |
| Guji | 427,338 | 126,314 | - | - | 301,024 | - | - |
| West Arsi | 341,134 | 96,076 | - | - | 245,059 | - | - |
| Kelem Wellega | 131,823 | 42,238 | - | - | 89,585 | - | - |
| Horoguduru Wellega | 105,775 | 30,677 | - | - | 75,099 | - | - |

TABLE 3-16 CONT'D

| Geographic Area | Total | MALE | | | FEMALE | | |
|-------------------------|-----------|------------|--------|--------|------------|--------|--------|
| | | Indigenous | Hybrid | Exotic | Indigenous | Hybrid | Exotic |
| Somale | 1,703,290 | 562,964 | - | - | 1,140,327 | - | - |
| Shinele | 548,925 | 177,573 | - | - | 371,352 | - | - |
| Jijiga | 642,017 | 230,734 | - | - | 411,283 | - | - |
| Liben | 512,348 | 154,656 | - | - | 357,692 | - | - |
| Benshangul-Gumuz | 371,500 | 109,365 | - | - | 262,135 | - | - |
| Metekel | 158,805 | 49,330 | - | - | 109,474 | - | - |
| Asosa | 145,076 | 39,973 | - | - | 105,103 | - | - |
| Kemeshi | 52,534 | 15,818 | - | - | 36,716 | - | - |
| Pawe Special | 2,515 | 716 | - | - | 1,799 | - | - |
| Mao Komo | 12,569 | 3,527 | - | - | 9,042 | - | - |
| SNNP | 2,624,588 | 812,615 | * | - | 1,811,266 | * | - |
| Gurage | 150,904 | 48,015 | - | - | 102,889 | - | - |
| Hadiya | 106,058 | 28,544 | - | - | 77,514 | - | - |
| Kembata Tembaro | 50,667 | 11,244 | * | - | 38,716 | * | - |
| Sidama | 153,125 | 47,955 | - | - | 105,169 | - | - |
| Gedio | * | 2,815 | - | - | * | - | - |
| Wolayita | 112,550 | 32,249 | - | - | 80,301 | - | - |
| South Omo | 878,172 | 289,711 | - | - | 588,461 | - | - |
| Shaka | 9,468 | 3,170 | - | - | 6,298 | - | - |
| Kaffa | 147,797 | 33,459 | - | - | 114,339 | - | - |
| Gamo Gofa | 229,327 | 66,273 | - | - | 163,054 | - | - |
| Bench Maji | 68,023 | 19,679 | - | - | 48,344 | - | - |
| Yem Sp. Wereda | 19,644 | 4,134 | - | - | 15,510 | - | - |
| Amaro Sp. Wereda | 74,588 | 22,782 | - | - | 51,806 | - | - |
| Burji Sp. Wereda | 30,610 | 10,351 | - | - | 20,259 | - | - |
| Konso Sp. Wereda | 267,938 | 96,085 | - | - | 171,853 | - | - |
| Derashe Sp. Wereda | 74,857 | 27,667 | - | - | 47,190 | - | - |
| Dawro | 51,755 | 17,619 | - | - | 34,136 | - | - |
| Basketo Sp. Wereda | * | * | - | - | 8,799 | - | - |
| Konta Sp. Wereda | 11,873 | 3,616 | - | - | 8,257 | - | - |
| Silte | 99,560 | 27,785 | - | - | 71,775 | - | - |
| Alaba Sp. Wereda | 66,221 | 16,435 | - | - | 49,786 | - | - |
| Gambela Region | 54,638 | 16,121 | - | - | 38,517 | - | - |
| Angnuwak | 12,571 | 3,224 | - | - | 9,347 | - | - |
| Nuware | 27,601 | 8,860 | - | - | 18,741 | - | - |
| Mezhenger | 1,169 | 452 | - | - | 717 | - | - |
| Itang Special | 13,297 | 3,585 | - | - | 9,712 | - | - |
| Harari | 41,226 | 12,034 | - | - | 29,192 | - | - |
| Hundene | 41,226 | 12,034 | - | - | 29,192 | - | - |
| Dire Dawa | 154,743 | 42,973 | - | - | 111,769 | - | - |

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

a. All

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|--------------------|---------------|-----------|-----------|-----------|-----------------|------------|-------------|
| Ethiopia | 39,563,902 | 4,466,235 | 2,114,380 | 3,768,034 | 1,541,243 | 14,739,754 | 12,934,256 |
| Tigray | 4,262,337 | 382,799 | 337,698 | 522,919 | 236,041 | 1,610,678 | 1,172,201 |
| North West Tigray | 1,157,851 | 86,945 | 109,764 | 153,979 | 88,743 | 505,745 | 212,676 |
| Central Tigray | 1,255,629 | 114,088 | 88,173 | 153,857 | 73,555 | 471,339 | 354,616 |
| Eastern Tigray | 562,316 | 61,649 | 29,798 | 59,294 | 30,612 | 131,841 | 249,122 |
| Southern Tigray | 749,131 | 79,334 | 47,391 | 84,242 | 18,899 | 267,435 | 251,830 |
| Western Tigray | 537,409 | 40,783 | 62,571 | 71,548 | 24,232 | 234,319 | 103,957 |
| Afar | 53,856 | 6,294 | 4,163 | 6,070 | 6,544 | 13,928 | 16,858 |
| Zone 1 | 536 | * | * | - | * | - | 326 |
| Zone 3 | 53,320 | 6,147 | 4,130 | 6,070 | 6,514 | 13,928 | 16,531 |
| Amhara | 12,364,824 | 1,387,417 | 592,228 | 1,139,372 | 397,780 | 4,794,287 | 4,053,741 |
| North Gondar | 2,990,403 | 241,208 | 181,835 | 312,580 | 77,792 | 1,423,187 | 753,802 |
| South Gondar | 1,438,282 | 107,208 | 72,825 | 143,383 | 33,064 | 618,092 | 463,709 |
| North Wolo | 1,129,456 | 234,291 | 63,732 | 114,510 | 44,726 | 334,504 | 337,693 |
| South Wolo | 1,663,904 | 338,854 | 49,138 | 121,248 | 70,412 | 359,143 | 725,108 |
| North Shewa | 1,115,290 | 125,060 | 40,795 | 83,515 | 28,117 | 334,625 | 503,178 |
| East Gojam | 784,913 | 74,529 | 30,329 | 62,380 | 25,039 | 256,696 | 335,940 |
| West Gojam | 1,786,794 | 121,459 | 83,396 | 180,258 | 56,644 | 809,704 | 535,333 |
| Waghamera | 402,409 | 53,117 | 21,010 | 33,613 | 25,695 | 160,239 | 108,735 |
| Awi | 706,821 | 46,608 | 33,470 | 60,049 | 23,445 | 339,642 | 203,607 |
| Oromia | 310,617 | 39,511 | 13,720 | 24,295 | 12,015 | 142,702 | 78,374 |
| Argoba Special | 35,936 | 5,570 | 1,978 | 3,541 | 832 | 15,754 | 8,261 |
| Oromia | 14,329,775 | 1,753,623 | 726,816 | 1,295,052 | 623,216 | 5,066,983 | 4,864,086 |
| West Wellega | 952,302 | 101,173 | 59,000 | 94,801 | 29,336 | 410,967 | 257,025 |
| East Wellega | 780,265 | 90,404 | 37,893 | 60,856 | 34,943 | 349,942 | 206,227 |
| Illubabor | 915,505 | 129,246 | 39,376 | 84,579 | 42,756 | 336,484 | 283,064 |
| Jimma | 1,337,182 | 146,854 | 34,186 | 68,226 | 30,670 | 589,828 | 467,418 |
| West Shewa | 937,252 | 110,238 | 25,778 | 57,467 | 35,089 | 354,250 | 354,430 |
| North Shewa | 522,138 | 66,501 | 26,048 | 44,909 | 19,876 | 101,584 | 263,220 |
| East Shewa | 829,865 | 93,404 | 46,165 | 75,159 | 39,939 | 279,199 | 296,000 |
| Arsi | 1,491,231 | 183,199 | 86,327 | 131,059 | 71,993 | 472,168 | 546,485 |
| West Harerghe | 1,218,014 | 153,157 | 86,155 | 140,606 | 42,350 | 403,763 | 391,982 |
| East Harerghe | 1,254,362 | 152,016 | 66,044 | 138,693 | 61,064 | 338,500 | 498,045 |
| Bale | 620,137 | 79,668 | 50,731 | 73,831 | 19,134 | 163,594 | 233,178 |
| Borena | 471,800 | 71,854 | 28,596 | 65,840 | 22,683 | 148,767 | 134,060 |
| South West Shewa | 534,999 | 60,580 | 14,918 | 33,613 | 33,516 | 188,880 | 203,491 |
| Guji | 761,245 | 112,295 | 38,671 | 69,021 | 49,593 | 270,618 | 221,047 |
| West Arsi | 636,733 | 73,092 | 34,366 | 59,894 | 37,919 | 208,695 | 222,767 |
| Kelem Wellega | 744,471 | 85,750 | 38,233 | 65,600 | 36,169 | 319,419 | 199,299 |
| Horoguduru Wellega | 322,274 | 44,190 | 14,326 | 30,899 | 16,187 | 130,325 | 86,346 |

TABLE 3-17 – a CONT'D

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|-------------------------|---------------|---------|-----------|---------|-----------------|-----------|-------------|
| Somale | 113,082 | 18,134 | 10,046 | 8,898 | 8,728 | 21,852 | 45,424 |
| Shinele | 1,674 | * | - | * | - | 613 | * |
| Jijiga | 15,669 | 2,342 | * | * | * | * | 5,137 |
| Liben | 95,740 | 15,559 | 8,169 | 7,604 | 5,373 | 19,548 | 39,487 |
| Benshangul-Gumuz | 708,027 | 69,125 | 49,068 | 71,534 | 18,253 | 339,583 | 160,465 |
| Metekel | 328,443 | 30,195 | 22,987 | 31,754 | 10,545 | 158,916 | 74,045 |
| Asosa | 210,728 | 23,221 | 15,153 | 20,684 | 4,201 | 98,182 | 49,286 |
| Kemeshi | 104,581 | 11,037 | 7,654 | 12,855 | 1,888 | 47,554 | 23,591 |
| Pawe Special | 27,207 | 1,752 | 1,518 | 2,769 | 734 | 15,101 | 5,333 |
| Mao Komo | 37,070 | 2,920 | 1,755 | 3,471 | 885 | 19,829 | 8,209 |
| SNNP | 7,465,585 | 817,181 | 371,034 | 693,096 | 241,056 | 2,805,752 | 2,537,466 |
| Gurage | 564,459 | 60,973 | 15,806 | 49,377 | 20,016 | 165,001 | 253,286 |
| Hadiya | 677,239 | 54,789 | 22,616 | 55,491 | 17,171 | 334,232 | 192,938 |
| Kembata Tembaro | 300,835 | 21,240 | 8,495 | 27,176 | * | 131,950 | 108,743 |
| Sidama | 967,326 | 81,349 | 24,683 | 77,238 | 11,949 | 398,889 | 373,217 |
| Gedio | 212,106 | 30,279 | 9,543 | 21,295 | 4,290 | 64,990 | 81,710 |
| Wolayita | 613,062 | 50,175 | 46,462 | 72,513 | 25,641 | 217,503 | 200,767 |
| South Omo | 536,912 | 75,048 | 44,850 | 60,382 | 36,925 | 172,445 | 147,261 |
| Shaka | 130,857 | 11,169 | 7,192 | 13,430 | 2,806 | 52,664 | 43,596 |
| Kaffa | 755,058 | 97,073 | 44,879 | 63,655 | 25,535 | 287,002 | 236,913 |
| Gamo Gofa | 784,833 | 91,192 | 46,828 | 68,883 | 25,953 | 289,798 | 262,180 |
| Bench Maji | 564,192 | 66,831 | 39,707 | 66,507 | 18,375 | 211,985 | 160,786 |
| Yem Sp. Wereda | 29,390 | 3,163 | 602 | 2,615 | 310 | 9,190 | 13,509 |
| Amaro Sp. Wereda | 60,090 | 8,150 | 4,315 | 6,115 | 1,949 | 23,664 | 15,897 |
| Burji Sp. Wereda | 32,101 | 4,665 | 2,434 | 3,367 | 476 | 11,371 | 9,788 |
| Konso Sp. Wereda | 164,034 | 25,566 | 8,328 | 13,149 | 7,052 | 49,325 | 60,613 |
| Derashe Sp. Wereda | 124,473 | 21,072 | 5,638 | 10,393 | 6,714 | 47,345 | 33,312 |
| Dawro | 171,716 | 25,503 | 6,303 | 14,458 | 6,762 | 55,652 | 63,038 |
| Basketo Sp. Wereda | 55,823 | 8,817 | 2,695 | 6,667 | 2,492 | 19,562 | 15,590 |
| Konta Sp. Wereda | 77,226 | 10,005 | 4,355 | 8,691 | 3,771 | 29,483 | 20,921 |
| Silte | 497,404 | 54,696 | 18,533 | 37,172 | 14,202 | 173,305 | 199,496 |
| Alaba Sp. Wereda | 146,450 | 15,424 | 6,768 | 14,522 | 5,436 | 60,397 | 43,903 |
| Gambela Region | 173,844 | 19,732 | 17,737 | 22,758 | 6,364 | 65,506 | 41,747 |
| Angnuwak | 92,477 | 9,377 | 10,551 | 12,305 | * | 39,218 | 18,468 |
| Nuware | 10,884 | 1,907 | 1,311 | 1,233 | 1,231 | 2,314 | 2,889 |
| Mezhenger | 45,803 | 4,433 | 2,932 | 5,606 | 865 | 17,101 | 14,866 |
| Itang Special | 24,680 | 4,015 | 2,942 | 3,614 | 1,712 | 6,874 | 5,524 |
| Harari | 36,288 | 5,498 | 2,249 | 3,628 | 1,581 | 10,561 | 12,770 |
| Hundene | 36,288 | 5,498 | 2,249 | 3,628 | 1,581 | 10,561 | 12,770 |
| Dire Dawa | 56,283 | 6,433 | 3,343 | 4,706 | 1,679 | 10,624 | 29,499 |

b. Indigenous Breeds

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|--------------------|---------------|-----------|-----------|-----------|-----------------|------------|-------------|
| Ethiopia | 38,207,522 | 4,281,304 | 2,047,319 | 3,629,520 | 1,483,234 | 14,419,290 | 12,346,856 |
| Tigray | 3,788,404 | 333,256 | 309,990 | 468,746 | 205,336 | 1,479,681 | 991,394 |
| North West Tigray | 1,101,272 | 82,275 | 104,525 | 148,562 | 84,565 | 479,901 | 201,444 |
| Central Tigray | 1,067,877 | 95,987 | 75,817 | 131,861 | 57,830 | 427,028 | 279,354 |
| Eastern Tigray | 470,717 | 49,789 | 24,951 | 48,622 | 26,222 | 113,283 | 207,851 |
| Southern Tigray | 636,941 | 66,421 | 44,270 | 70,720 | 14,036 | 238,725 | 202,770 |
| Western Tigray | 511,596 | 38,785 | 60,427 | 68,982 | 22,684 | 220,744 | 99,975 |
| Afar | 53,392 | 6,201 | 4,163 | 6,070 | 6,544 | 13,928 | 16,486 |
| Zone 1 | 536 | * | * | - | * | - | 326 |
| Zone 3 | 52,856 | 6,055 | 4,130 | 6,070 | 6,514 | 13,928 | 16,160 |
| Amhara | 12,045,486 | 1,354,334 | 576,870 | 1,108,040 | 385,368 | 4,711,291 | 3,909,583 |
| North Gondar | 2,948,345 | 237,218 | 177,993 | 308,307 | 77,792 | 1,409,993 | 737,042 |
| South Gondar | 1,394,772 | 102,413 | 70,052 | 138,350 | 32,756 | 614,107 | 437,093 |
| North Wolo | 1,120,728 | 232,991 | 62,486 | 114,510 | 44,439 | 333,325 | 332,977 |
| South Wolo | 1,648,252 | 336,951 | 49,138 | 121,248 | 70,011 | 353,605 | 717,298 |
| North Shewa | 1,093,095 | 121,077 | 39,873 | 82,551 | 26,144 | 334,625 | 488,826 |
| East Gojam | 743,234 | 71,145 | 30,329 | 61,501 | 22,975 | 241,421 | 315,864 |
| West Gojam | 1,675,862 | 111,685 | 79,032 | 163,569 | 50,157 | 774,814 | 496,604 |
| Waghamera | 391,385 | 51,498 | 19,754 | 32,423 | 25,576 | 156,226 | 105,908 |
| Awi | 686,807 | 44,611 | 32,615 | 58,057 | 22,881 | 335,951 | 192,693 |
| Oromia | 307,199 | 39,188 | 13,619 | 23,994 | 11,804 | 141,519 | 77,074 |
| Argoba Special | 35,807 | 5,559 | 1,978 | 3,529 | 832 | 15,706 | 8,204 |
| Oromia | 13,891,097 | 1,680,960 | 708,822 | 1,258,180 | 613,083 | 4,978,760 | 4,651,292 |
| West Wellega | 948,383 | 100,094 | 59,000 | 94,801 | 29,336 | 410,093 | 255,060 |
| East Wellega | 773,269 | 88,907 | 37,116 | 60,063 | 34,943 | 348,345 | 203,895 |
| Illubabor | 880,072 | 123,067 | 36,896 | 81,256 | 41,380 | 330,604 | 266,869 |
| Jimma | 1,304,263 | 136,813 | 33,243 | 67,567 | 30,670 | 581,053 | 454,918 |
| West Shewa | 889,621 | 102,882 | 24,211 | 54,955 | 34,490 | 342,505 | 330,577 |
| North Shewa | 489,634 | 61,450 | 24,773 | 40,948 | 17,748 | 99,580 | 245,135 |
| East Shewa | 793,431 | 88,522 | 44,819 | 73,368 | 37,077 | 273,652 | 275,994 |
| Arsi | 1,434,515 | 174,183 | 83,670 | 126,844 | 71,269 | 459,211 | 519,337 |
| West Harerghe | 1,159,830 | 142,335 | 83,497 | 134,893 | 42,350 | 388,032 | 368,722 |
| East Harerghe | 1,202,128 | 144,610 | 64,737 | 129,767 | 60,160 | 328,274 | 474,580 |
| Bale | 597,748 | 75,084 | 50,569 | 73,019 | 18,497 | 160,156 | 220,423 |
| Borena | 471,800 | 71,854 | 28,596 | 65,840 | 22,683 | 148,767 | 134,060 |
| South West Shewa | 510,934 | 57,867 | 14,165 | 31,119 | 32,885 | 182,681 | 192,217 |
| Guji | 757,310 | 112,075 | 38,671 | 69,021 | 49,593 | 270,618 | 217,332 |
| West Arsi | 615,583 | 72,185 | 32,299 | 58,417 | 37,646 | 206,039 | 208,998 |
| Kelem Wellega | 743,460 | 85,750 | 38,233 | 65,600 | 36,169 | 319,419 | 198,288 |
| Horoguduru Wellega | 319,117 | 43,282 | 14,326 | 30,701 | 16,187 | 129,731 | 84,889 |

TABLE 3-17 – b CONT'D

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|-------------------------|---------------|---------|-----------|---------|-----------------|-----------|-------------|
| Somale | 112,581 | 17,967 | 10,046 | 8,815 | 8,728 | 21,852 | 45,173 |
| Shinele | 1,674 | * | - | * | - | 613 | * |
| Jijiga | 15,669 | 2,342 | * | * | * | * | 5,137 |
| Liben | 95,238 | 15,392 | 8,169 | 7,520 | 5,373 | 19,548 | 39,236 |
| Benshangul-Gumuz | 705,923 | 68,685 | 49,068 | 71,525 | 18,244 | 339,108 | 159,293 |
| Metekel | 328,039 | 30,065 | 22,987 | 31,754 | 10,545 | 158,916 | 73,772 |
| Asosa | 209,819 | 22,938 | 15,153 | 20,684 | 4,201 | 98,182 | 48,660 |
| Kemeshi | 104,519 | 11,037 | 7,654 | 12,855 | 1,888 | 47,554 | 23,529 |
| Pawe Special | 26,477 | 1,725 | 1,518 | 2,760 | 725 | 14,626 | 5,123 |
| Mao Komo | 37,070 | 2,920 | 1,755 | 3,471 | 885 | 19,829 | 8,209 |
| SNNP | 7,346,931 | 788,622 | 365,140 | 677,098 | 236,358 | 2,788,496 | 2,491,216 |
| Gurage | 552,681 | 59,046 | 15,563 | 48,794 | 19,437 | 164,505 | 245,337 |
| Hadiya | 672,868 | 53,282 | 22,616 | 55,079 | 17,171 | 333,329 | 191,391 |
| Kembata Tembaro | 287,136 | 19,908 | 7,728 | 26,273 | * | 127,487 | 102,510 |
| Sidama | 941,232 | 73,338 | 24,683 | 71,868 | 11,477 | 395,034 | 364,832 |
| Gedio | 209,882 | 29,190 | 9,543 | 21,295 | 4,290 | 64,990 | 80,574 |
| Wolayita | 606,528 | 48,183 | 46,047 | 71,235 | 25,404 | 217,075 | 198,584 |
| South Omo | 533,603 | 74,102 | 44,276 | 60,382 | 36,206 | 172,445 | 146,193 |
| Shaka | 125,211 | 10,111 | 6,368 | 12,648 | 2,749 | 51,170 | 42,165 |
| Kaffa | 745,395 | 93,932 | 44,190 | 62,314 | 25,535 | 286,302 | 233,123 |
| Gamo Gofa | 776,992 | 89,785 | 46,580 | 68,355 | 25,434 | 288,783 | 258,055 |
| Bench Maji | 558,963 | 65,649 | 38,777 | 65,307 | 17,721 | 211,381 | 160,128 |
| Yem Sp. Wereda | 28,635 | 2,927 | 501 | 2,486 | 310 | 9,190 | 13,222 |
| Amaro Sp. Wereda | 59,772 | 8,061 | 4,315 | 6,115 | 1,949 | 23,664 | 15,668 |
| Burji Sp. Wereda | 31,940 | 4,628 | 2,408 | 3,340 | 476 | 11,371 | 9,717 |
| Konso Sp. Wereda | 161,213 | 24,982 | 8,028 | 12,536 | 7,052 | 48,789 | 59,826 |
| Derashe Sp. Wereda | 123,829 | 20,838 | 5,638 | 10,393 | 6,665 | 47,169 | 33,126 |
| Dawro | 170,632 | 25,330 | 6,303 | 14,458 | 6,511 | 55,652 | 62,378 |
| Basketo Sp. Wereda | 54,306 | 8,380 | 2,573 | 6,431 | 2,372 | 19,401 | 15,148 |
| Konta Sp. Wereda | 75,381 | 9,696 | 4,165 | 8,353 | 3,771 | 29,002 | 20,393 |
| Silte | 488,653 | 52,860 | 18,199 | 35,361 | 13,222 | 172,138 | 196,873 |
| Alaba Sp. Wereda | 142,077 | 14,394 | 6,640 | 14,075 | 5,373 | 59,621 | 41,974 |
| Gambela Region | 173,683 | 19,686 | 17,737 | 22,758 | 6,364 | 65,460 | 41,678 |
| Angnuwak | 92,477 | 9,377 | 10,551 | 12,305 | * | 39,218 | 18,468 |
| Nuware | 10,884 | 1,907 | 1,311 | 1,233 | 1,231 | 2,314 | 2,889 |
| Mezhenger | 45,642 | 4,387 | 2,932 | 5,606 | 865 | 17,055 | 14,797 |
| Itang Special | 24,680 | 4,015 | 2,942 | 3,614 | 1,712 | 6,874 | 5,524 |
| Harari | 35,221 | 5,325 | 2,195 | 3,582 | 1,560 | 10,241 | 12,318 |
| Hundene | 35,221 | 5,325 | 2,195 | 3,582 | 1,560 | 10,241 | 12,318 |
| Dire Dawa | 54,805 | 6,268 | 3,289 | 4,706 | 1,648 | 10,473 | 28,421 |

c. Hybrid

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|--------------------|---------------|---------|-----------|---------|-----------------|---------|-------------|
| Ethiopia | 1,219,564 | 164,857 | 63,470 | 123,440 | 53,441 | 305,593 | 508,764 |
| Tigray | 421,307 | 45,254 | 27,308 | 43,946 | 28,304 | 128,430 | 148,065 |
| North West Tigray | 54,587 | 4,391 | 5,239 | 5,417 | * | 25,843 | 10,337 |
| Central Tigray | 161,670 | 15,717 | 11,957 | 17,256 | 14,326 | 42,875 | 59,540 |
| Eastern Tigray | 86,573 | 11,530 | 4,847 | 10,030 | 4,390 | 18,558 | 37,217 |
| Southern Tigray | 94,150 | 11,970 | 3,122 | 8,677 | * | 28,159 | 37,543 |
| Western Tigray | 24,327 | 1,647 | 2,143 | - | - | 12,995 | 3,428 |
| Afar | * | * | - | - | - | - | * |
| Zone 1 | - | - | - | - | - | - | - |
| Zone 3 | * | * | - | - | - | - | * |
| Amhara | 302,131 | 29,801 | 14,645 | 31,332 | 12,125 | 82,611 | 131,616 |
| North Gonder | 39,029 | * | * | - | - | 12,810 | 16,027 |
| South Gonder | 41,302 | 4,487 | - | - | - | - | 24,716 |
| North Wolo | 5,938 | * | * | - | * | - | 3,034 |
| South Wolo | 15,260 | - | - | - | - | - | 7,417 |
| North Shewa | 21,784 | 3,574 | - | - | 1,972 | - | 14,352 |
| East Gojam | 38,480 | - | - | - | 2,064 | - | 16,878 |
| West Gojam | 107,435 | 9,774 | - | 16,689 | 6,486 | 34,889 | 35,232 |
| Waghamera | * | * | - | - | - | - | 2,214 |
| Awi | 19,313 | 1,823 | - | - | - | - | 10,388 |
| Oromia | 3,418 | - | - | - | - | - | 1,300 |
| Argoba Special | - | - | - | - | - | - | - |
| Oromia | 396,863 | 67,614 | 17,578 | 35,041 | 9,439 | 77,393 | 189,797 |
| West Wellega | 3,027 | 861 | - | - | - | - | 1,292 |
| East Wellega | * | * | - | - | - | - | - |
| Illubabor | 33,653 | 5,990 | 2,065 | 2,528 | - | 5,880 | 15,815 |
| Jimma | 32,919 | 10,041 | - | - | - | 8,776 | 12,500 |
| West Shewa | 32,907 | 6,248 | - | - | - | * | 18,539 |
| North Shewa | 27,539 | 4,300 | - | 3,641 | - | - | 14,192 |
| East Shewa | 31,073 | 4,416 | - | - | 2,861 | - | 15,112 |
| Arsi | 56,717 | 9,016 | 2,657 | - | - | - | 27,149 |
| West Harerghe | 53,787 | 9,954 | - | 5,423 | - | 15,730 | 20,020 |
| East Harerghe | 50,529 | 6,980 | - | 8,500 | - | - | 22,612 |
| Bale | 22,165 | 4,585 | - | - | - | - | 12,531 |
| Borena | - | - | - | - | - | - | - |
| South West Shewa | 20,107 | 2,502 | - | - | * | * | 9,210 |
| Gujj | - | - | - | - | - | - | - |
| West Arsi | 18,382 | * | - | - | * | * | 12,853 |
| Kelem Wellega | * | - | - | - | - | - | * |
| Horoguduru Wellega | 2,814 | 817 | - | - | - | - | 1,205 |

TABLE 3 -17 – c CONT'D

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|-------------------------|---------------|--------|-----------|---------|-----------------|--------|-------------|
| Somale | | | | | | | |
| Shinele | | | | | | | |
| Jijiga | | | | | | | |
| Liben | | | | | | | |
| Benshangul-Gumuz | 1,619 | 306 | | | | 475 | 820 |
| Metekel | 404 | 130 | | | | | 274 |
| Asosa | * | * | | | | | * |
| Kemeshi | | | | | | | |
| Pawe Special | 712 | | | | | 475 | 192 |
| Mao Komo | | | | | | | |
| SNNP | 94,653 | 21,415 | 3,832 | 12,982 | 3,512 | 16,191 | 36,721 |
| Gurage | 7,729 | * | | * | | | 4,991 |
| Hadiya | 3,764 | * | | * | | | 1,547 |
| Kembata Tembaro | 12,642 | 1,227 | * | 693 | | * | 5,914 |
| Sidama | 23,820 | * | | | * | | 7,056 |
| Gedio | 1,592 | 795 | | | | | 797 |
| Wolayita | 4,768 | * | | | * | | * |
| South Omo | | | | | | | |
| Shaka | | | * | * | * | | * |
| Kaffa | 7,263 | | | * | | | 2,940 |
| Gamo Gofa | 7,458 | 1,024 | | | | | |
| Bench Maji | | | * | * | * | | * |
| Yem Sp. Wereda | 337 | 105 | * | * | | | 129 |
| Amaro Sp. Wereda | | | | | | | |
| Burji Sp. Wereda | * | * | | | | | |
| Konso Sp. Wereda | | * | | | | | |
| Derashe Sp. Wereda | | | | | | | |
| Dawro | * | * | | | | | * |
| Basketo Sp. Wereda | 1,239 | 320 | * | * | | | * |
| Konta Sp. Wereda | 1,784 | 280 | * | 338 | | 480 | 528 |
| Silte | 7,312 | * | * | * | | | * |
| Alaba Sp. Wereda | * | * | * | * | * | | 1,473 |
| Gambela Region | | | | | | | |
| Angnuwak | | | | | | | |
| Nuware | | | | | | | |
| Mezhenger | | | | | | | |
| Itang Special | | | | | | | |
| Harari | * | * | | | | * | 373 |
| Hundene | * | * | | | | * | 373 |
| Dire Dawa | 1,420 | * | | | | | 1,050 |

d. Exotic Breeds

| Geographic Area | Total Poultry | Cocks | Cockerels | Pullets | Non-Laying Hens | Chicks | Laying Hens |
|--------------------|---------------|--------|-----------|---------|-----------------|--------|-------------|
| Ethiopia | 136,815 | 20,074 | 3,592 | 15,074 | 4,568 | - | 78,637 |
| Tigray | 52,626 | 4,289 | - | 10,227 | - | 2,566 | 32,742 |
| North West Tigray | - | - | - | - | * | - | - |
| Central Tigray | 26,082 | 2,384 | - | 4,740 | - | - | 15,721 |
| Eastern Tigray | 5,026 | - | - | - | - | - | 4,053 |
| Southern Tigray | 18,039 | 943 | - | 4,845 | * | - | 11,517 |
| Western Tigray | - | - | - | * | * | - | - |
| Afar | - | - | - | - | - | - | - |
| Zone 1 | - | - | - | - | - | - | - |
| Zone 3 | - | - | - | - | - | - | - |
| Amhara | 17,207 | 3,281 | - | - | - | - | 12,541 |
| North Gondar | - | * | * | * | - | - | - |
| South Gondar | 2,208 | - | * | * | * | * | 1,900 |
| North Wolo | 2,790 | * | * | - | - | * | - |
| South Wolo | - | * | - | - | * | * | - |
| North Shewa | - | - | * | * | - | - | - |
| East Gojam | 3,198 | * | - | * | - | * | 3,198 |
| West Gojam | - | - | * | - | - | - | - |
| Waghamera | * | * | * | * | * | * | - |
| Awi | - | - | * | * | * | * | - |
| Oromia | - | * | * | * | * | * | - |
| Argoba Special | * | * | - | * | - | * | * |
| Oromia | 41,815 | 5,048 | - | 1,831 | - | - | 22,996 |
| West Wellega | - | - | - | - | - | * | - |
| East Wellega | * | * | * | * | - | * | * |
| Illubabor | - | - | - | - | * | - | - |
| Jimma | - | - | * | * | - | - | - |
| West Shewa | - | - | * | * | * | * | 5,313 |
| North Shewa | - | - | * | - | * | * | - |
| East Shewa | - | - | * | * | - | * | - |
| Arsi | - | - | - | * | * | * | - |
| West Harerghe | - | - | * | - | - | - | - |
| East Harerghe | - | - | * | - | * | * | - |
| Bale | - | - | * | * | * | * | - |
| Borena | - | - | - | - | - | - | - |
| South West Shewa | - | - | * | * | * | * | 2,064 |
| Gujj | * | * | - | - | - | - | * |
| 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 |
|-------------------------|---------------|-------|-----------|---------|-----------------|--------|-------------|
| Somale | * | * | | * | | | * |
| Shinele | | | | | | | |
| Jijiga | | | | | | | |
| Liben | * | * | | * | | | * |
| Benshangul-Gumuz | | | | * | * | | |
| Metekel | * | * | | | | | * |
| Asosa | * | | | | | | * |
| Kemeshi | | * | | * | * | | |
| Pawe Special | | | | * | * | | |
| Mao Komo | | | | | | | |
| SNNP | 24,001 | 7,145 | 2,062 | 3,016 | | | 9,528 |
| Gurage | 4,048 | * | * | | * | * | |
| Hadiya | | * | | * | | * | |
| Kembata Tembaro | 1,056 | | * | | | * | |
| Sidama | | * | | * | | * | |
| Gedio | | | | | | | |
| Wolayita | 1,766 | * | * | * | | * | * |
| South Omo | * | * | * | | * | | * |
| Shaka | 3,708 | 724 | * | * | | * | 753 |
| Kaffa | | 1,381 | * | * | | * | |
| Gamo Gofa | | | * | * | * | * | * |
| Bench Maji | 3,018 | 927 | * | * | * | * | * |
| Yem Sp. Wereda | 418 | | * | * | | | |
| Amaro Sp. Wereda | * | * | | | | | * |
| Burji Sp. Wereda | * | * | * | * | | | * |
| Konso Sp. Wereda | 506 | * | * | * | | * | 287 |
| Derashe Sp. Wereda | * | * | | | | * | * |
| Dawro | * | * | | | | * | * |
| Basketo Sp. Wereda | 278 | 117 | * | * | * | * | * |
| Konta Sp. Wereda | | | * | | | | |
| Silte | | * | * | * | * | * | * |
| Alaba Sp. Wereda | * | * | * | * | | * | |
| Gambela Region | * | * | | | | * | * |
| Angnuwak | | | | | | | |
| Nuware | | | | | | | |
| Mezhenger | * | * | | | | * | * |
| Itang Special | | | | | | | |
| Harari | * | * | * | * | * | * | |
| Hundene | * | * | * | * | * | * | |
| Dire Dawa | | * | * | | * | * | |

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

| Geographic Area | All Beehives | | Traditional Beehives | | | Intermediate Beehives | | | Modern Beehives | | |
|--------------------|-----------------|-------------------------------|----------------------|------------------------------|-------------------------------|-----------------------|------------------------------|-------------------------------|-----------------|------------------------------|-------------------------------|
| | Number of hives | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production |
| Ethiopia | 4,688,278 | 42,180,346 | 4,580,303 | 1.48 | 40,075,363 | 29,421 | 1.58 | 467,187 | 78,884 | 1.56 | 1,637,796 |
| Tigray | 242,868 | 3,362,018 | 207,110 | 1.43 | 2,566,076 | * | * | * | 33,824 | 1.4 | 776,764 |
| North West Tigray | 35,028 | 505,460 | 30,769 | 1.53 | 407,152 | * | * | * | 3,922 | 1.42 | * |
| Central Tigray | 86,574 | 1,741,834 | 70,316 | 1.23 | 1,362,627 | * | * | * | 15,659 | 1.17 | 373,320 |
| Eastern Tigray | 48,841 | 459,656 | 38,169 | 1.37 | 236,192 | * | * | * | 10,548 | 1.67 | 222,219 |
| Southern Tigray | 49,670 | 437,757 | 46,240 | 1.46 | 355,643 | - | - | - | * | * | * |
| Western Tigray | 22,755 | 217,310 | 21,616 | 2.05 | 204,462 | * | * | * | * | * | * |
| Afar | * | * | * | * | * | - | - | - | - | - | - |
| Zone 1 | - | - | - | - | - | - | - | - | - | - | - |
| Zone 3 | * | * | * | * | * | - | - | - | - | - | - |
| Amhara | 975,749 | 10,650,438 | 937,660 | 1.46 | 9,953,527 | 13,889 | 1.86 | 236,457 | 24,201 | 1.63 | 460,453 |
| North Gonder | 219,156 | 2,502,163 | 217,252 | 1.52 | 2,471,365 | * | * | * | - | - | - |
| South Gonder | 110,366 | 825,389 | 107,491 | 1.3 | 799,215 | * | * | * | * | 1 | * |
| North Wolo | 52,835 | 511,353 | 50,266 | 1.42 | 483,420 | * | * | * | 2,125 | 1.29 | 25,491 |
| South Wolo | 92,628 | 1,104,592 | 88,751 | 1.54 | 1,030,404 | * | * | 32,698 | 2,375 | * | * |
| North Shewa | 63,816 | 396,135 | 61,717 | 1.39 | 362,491 | * | * | 25,263 | * | 1 | * |
| East Gojam | 122,989 | 1,236,632 | 118,163 | 1.49 | 1,143,379 | * | - | - | 4,548 | 2.16 | 93,253 |
| West Gojam | 179,925 | 2,652,342 | 170,788 | 1.49 | 2,413,673 | * | * | * | 4,794 | 1.48 | * |
| Waghamera | 55,474 | 375,967 | 48,741 | 1.36 | 288,047 | * | * | * | 5,724 | * | * |
| Awi | 65,067 | 897,402 | 61,817 | 1.48 | 820,441 | * | * | * | 1,825 | * | * |
| Oromia | 11,467 | 134,277 | 10,692 | 1.52 | 127,296 | * | * | * | * | * | * |
| Argoba Special | 2,029 | 14,186 | 1,984 | 1.35 | 13,796 | * | * | * | * | * | * |
| Oromia | 2,447,294 | 19,842,590 | 2,426,436 | 1.44 | 19,427,317 | 8,621 | 1.33 | 126,064 | 12,237 | 1.71 | * |
| West Wellega | 319,163 | 1,022,232 | 318,957 | 1.15 | 1,022,232 | * | - | - | - | - | - |
| East Wellega | 301,557 | 921,320 | 298,490 | 1.21 | 896,378 | - | - | - | * | * | * |
| Illubabor | 453,738 | * | 450,203 | 1.42 | * | * | * | * | * | * | * |
| Jimma | 215,962 | 2,007,266 | 209,229 | 1.42 | 1,835,610 | * | 2.1 | 89,836 | * | * | * |
| West Shewa | 120,406 | 658,966 | 118,959 | 1.26 | 650,246 | * | * | * | * | * | * |
| North Shewa | 87,016 | * | 87,016 | 1.57 | * | - | - | - | - | - | - |
| East Shewa | 18,314 | 174,007 | 18,314 | 1.8 | 174,007 | - | - | - | - | - | - |
| Arsi | 105,274 | 934,540 | 104,965 | 1.52 | 932,997 | * | 1 | * | - | - | - |
| West Harerghe | 68,220 | 559,646 | 67,702 | 1.73 | 555,761 | - | * | * | * | * | * |
| East Harerghe | 68,311 | 399,262 | 64,729 | 1.4 | 392,716 | * | * | * | * | * | * |
| Bale | 118,257 | 1,233,873 | 118,257 | 1.89 | 1,233,873 | - | - | - | - | - | - |
| Borena | 71,844 | 325,798 | 71,535 | 1.29 | 321,167 | * | * | * | - | - | - |
| South West Shewa | 51,198 | 204,457 | 51,198 | 1.79 | 204,457 | - | - | - | - | - | - |
| Guji | 127,544 | 837,953 | 126,917 | 1.36 | 832,454 | * | * | * | - | - | - |
| West Arsi | 51,487 | 256,156 | 51,487 | 1.28 | 255,028 | - | * | * | - | - | - |
| Kelem Wellega | 173,713 | 1,007,887 | 173,309 | 1.22 | 1,002,691 | * | * | * | - | - | - |
| Horoguduru Wellega | * | * | * | 1.15 | * | - | - | - | * | * | * |

TABLE 3-18 CONT'D

| Geographic Area | All Beehives | | Traditional Beehives | | | Intermediate Beehives | | | Modern Beehives | | |
|-------------------------|-----------------|-------------------------------|----------------------|------------------------------|-------------------------------|-----------------------|------------------------------|-------------------------------|-----------------|------------------------------|-------------------------------|
| | Number of hives | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production | Number of hives | Avg. frequency of production | Total annual honey production |
| Somale | * | * | * | * | * | - | - | - | - | - | - |
| Shinele | - | - | - | - | - | - | - | - | - | - | - |
| Jijiga | * | * | * | * | * | - | - | - | - | - | - |
| Liben | - | - | - | - | - | - | - | - | - | - | - |
| Benshangul-Gumuz | 186,068 | 1,143,275 | 185,449 | 1.32 | 1,138,331 | * | * | * | * | * | * |
| Metekel | 108,316 | 879,640 | 108,316 | 1.45 | 879,640 | - | - | - | - | - | - |
| Asosa | 41,503 | 128,279 | 40,969 | 1.18 | 123,872 | - | - | - | * | * | * |
| Kemeshi | 11,578 | 32,787 | 11,507 | 1.03 | 32,292 | * | * | * | - | - | - |
| Pawe Special | 577 | 4,697 | 577 | 1.89 | 4,697 | - | - | - | - | - | - |
| Mao Komo | 24,093 | 97,872 | 24,079 | 1.31 | 97,830 | - | - | - | * | * | * |
| SNNP | 798,901 | 5,950,784 | 786,378 | 1.66 | 5,760,386 | 4,779 | 1.7 | 83,477 | 7,744 | 1.85 | * |
| Gurage | 50,433 | 236,728 | 48,327 | 1.76 | 207,647 | * | * | * | * | 1.98 | * |
| Hadiya | 46,012 | 387,849 | 45,810 | 2.17 | 384,433 | - | - | - | * | * | * |
| Kembata Tembaro | 24,211 | 170,606 | 23,881 | 1.94 | 168,460 | - | - | - | * | * | * |
| Sidama | 63,539 | 328,100 | 59,218 | 1.46 | 291,283 | * | * | * | * | * | * |
| Gedio | 42,482 | 177,145 | 42,482 | 1.16 | 177,145 | - | - | - | - | - | - |
| Wolayita | 30,444 | 313,040 | 28,513 | 2.37 | 255,610 | * | * | * | * | * | * |
| South Omo | 83,651 | 727,692 | 83,533 | 1.78 | 726,746 | * | * | * | - | - | - |
| Shaka | 53,901 | 373,159 | 52,878 | 1.3 | 358,839 | * | * | * | * | * | * |
| Kaffa | 195,208 | 1,375,750 | 193,824 | 1.12 | 1,362,161 | * | * | 13,590 | * | * | - |
| Gamo Gofa | 40,801 | 291,685 | 40,801 | 1.7 | 291,685 | - | - | - | - | - | - |
| Bench Maji | * | 509,507 | * | 1.72 | 509,507 | - | - | - | - | - | - |
| Yem Sp. Wereda | 7,831 | 50,237 | 7,702 | 1.51 | 49,101 | * | * | * | * | * | * |
| Amaro Sp. Wereda | 6,944 | 29,008 | 6,944 | 1.28 | 29,008 | - | - | - | - | - | - |
| Burji Sp. Wereda | 1,099 | 2,857 | 1,099 | 1.36 | 2,857 | - | - | - | - | - | - |
| Konso Sp. Wereda | 29,518 | * | 29,518 | 1.74 | * | - | * | - | - | * | - |
| Derashe Sp. Wereda | 1,881 | 16,364 | 1,881 | 1.87 | 16,364 | - | - | - | - | - | - |
| Dawro | 9,483 | * | 9,483 | 1.63 | * | - | - | - | - | - | - |
| Basketo Sp. Wereda | 3,096 | 24,571 | 3,096 | 1.59 | 24,571 | - | - | - | - | - | - |
| Konta Sp. Wereda | 20,263 | * | 20,088 | 1.8 | * | - | - | - | * | - | - |
| Silte | 22,404 | 202,118 | 22,404 | 1.81 | 202,118 | - | - | - | - | - | - |
| Alaba Sp. Wereda | 10,791 | 232,269 | 9,986 | 1.74 | 200,751 | * | * | * | * | * | * |
| Gambella Region | 35,122 | * | 35,091 | 2.4 | * | * | * | * | - | - | - |
| Agnuwak | * | - | * | * | * | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - | - | - |
| Mezhenger | 31,515 | * | 31,484 | 2.34 | * | * | * | * | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - | - | - |
| Harari | 1,056 | 11,080 | 1,056 | 1.78 | 11,080 | - | - | - | - | - | - |
| Hundene | 1,056 | 11,080 | 1,056 | 1.78 | 11,080 | - | - | - | - | - | - |
| Dire Dawa | 950 | 5,119 | 853 | 1.95 | 4,335 | 97 | * | 785 | - | - | - |

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

a. Cattle

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|-----------|-----------|---------------------|-----------|-----------|-----------------------------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 9,173,359 | 4,403,117 | 4,770,242 | 3,202,800 | 1,910,009 | 1,292,791 | 674,856 | 276,488 | 398,367 |
| Tigray | 566,358 | 266,485 | 299,873 | 281,988 | 218,591 | 63,398 | 20,303 | 9,547 | 10,756 |
| North West Tigray | 154,278 | 67,355 | 86,923 | 18,268 | 9,557 | 8,711 | 3,832 | 1,888 | 1,944 |
| Central Tigray | 107,103 | 52,559 | 54,545 | 49,985 | 33,065 | 16,920 | 4,012 | 2,453 | * |
| Eastern Tigray | 67,806 | 34,358 | 33,448 | 35,553 | 23,568 | 11,986 | 3,277 | 1,479 | 1,797 |
| Southern Tigray | 115,554 | 55,465 | 60,089 | * | * | 21,547 | 7,770 | 3,290 | 4,480 |
| Western Tigray | 121,618 | 56,749 | 64,869 | 9,232 | 4,998 | 4,234 | 1,412 | * | 977 |
| Afar | 129,599 | 49,725 | 79,874 | 6,515 | 2,529 | 3,986 | 1,427 | * | 526 |
| Zone 1 | 64,946 | 24,734 | 40,212 | 3,659 | 1,101 | 2,558 | 358 | 156 | 201 |
| Zone 3 | 64,653 | 24,991 | 39,662 | 2,856 | 1,428 | 1,428 | * | * | * |
| Amhara | 1,828,329 | 886,885 | 941,444 | 785,385 | 521,982 | 263,404 | 73,604 | 29,518 | 44,086 |
| North Gonder | 389,943 | 189,596 | 200,346 | 106,619 | 78,195 | 28,424 | 10,048 | 3,617 | 6,431 |
| South Gonder | 175,650 | 90,427 | 85,223 | 81,012 | 49,364 | 31,648 | 4,079 | * | 2,797 |
| North Wolo | 186,038 | 84,898 | 101,140 | 87,655 | 47,677 | 39,977 | 7,355 | 1,508 | 5,847 |
| South Wolo | 283,728 | 140,334 | 143,394 | 169,476 | 127,951 | 41,525 | 8,723 | * | 7,528 |
| North Shewa | 137,460 | 66,619 | 70,841 | 92,888 | 64,593 | 28,295 | 7,157 | 2,937 | 4,220 |
| East Gojam | 169,631 | 80,313 | 89,318 | 77,034 | 51,834 | 25,201 | 14,028 | 7,264 | 6,764 |
| West Gojam | 263,140 | 124,590 | 138,550 | 100,148 | 61,272 | 38,877 | 14,356 | * | * |
| Waghamera | 42,575 | 21,348 | 21,227 | 11,670 | 7,122 | 4,548 | 3,352 | 1,635 | 1,718 |
| Awi | 121,704 | 61,316 | 60,389 | 32,157 | 16,780 | 15,377 | 1,806 | 754 | * |
| Oromia | 54,449 | 25,461 | 28,987 | 24,715 | 15,999 | 8,716 | 2,304 | 898 | 1,405 |
| Argoba Special | 4,013 | 1,984 | 2,029 | 2,011 | 1,196 | 815 | 396 | 221 | 175 |
| Oromia | 4,228,454 | 2,048,530 | 2,179,924 | 1,293,082 | 767,552 | 525,530 | 306,671 | 128,116 | 178,554 |
| West Wellega | 155,175 | 72,868 | 82,307 | 49,021 | 28,365 | 20,656 | * | * | * |
| East Wellega | 153,608 | 80,385 | 73,223 | 57,512 | 34,033 | 23,479 | * | 4,397 | * |
| Illubabor | 182,405 | 84,238 | 98,167 | 51,931 | 29,091 | 22,840 | 9,243 | 5,142 | 4,101 |
| Jimma | 360,243 | 186,079 | 174,163 | 120,571 | 70,657 | 49,914 | 58,862 | 24,640 | 34,222 |
| West Shewa | 293,393 | 145,322 | 148,071 | 140,437 | 84,917 | 55,520 | 23,327 | 11,109 | 12,218 |
| North Shewa | 239,911 | 121,643 | 118,268 | 87,218 | 54,500 | 32,718 | 22,709 | 10,919 | 11,790 |
| East Shewa | 206,341 | 97,569 | 108,772 | 70,737 | 44,706 | 26,032 | 7,867 | 2,849 | 5,019 |
| Arsi | 442,735 | 213,947 | 228,788 | 129,073 | 88,140 | 40,934 | 23,275 | 8,433 | 14,842 |
| West Harerghe | 295,130 | 143,552 | 151,578 | 75,759 | 41,196 | 34,563 | 27,679 | 10,630 | 17,049 |
| East Harerghe | 340,466 | 167,286 | 173,180 | 110,218 | 60,984 | 49,234 | 41,372 | 16,096 | 25,276 |
| Bale | 283,262 | 138,104 | 145,158 | 77,532 | 56,735 | 20,798 | 10,257 | 4,105 | 6,152 |
| Borena | 288,645 | 128,550 | 160,094 | 52,830 | 29,989 | 22,841 | * | * | * |
| South West Shewa | 104,345 | 49,990 | 54,355 | 65,893 | 34,906 | 30,987 | 16,064 | 7,406 | 8,658 |
| Guji | 261,266 | 125,266 | 136,001 | 40,660 | 16,160 | 24,500 | 3,414 | - | 3,414 |
| West Arsi | 442,446 | 210,030 | 232,416 | 84,863 | 44,749 | 40,114 | 13,222 | 7,068 | * |
| Kelem Wellega | 75,027 | 34,933 | 40,094 | 50,599 | 31,831 | 18,768 | 4,426 | 1,767 | 2,659 |
| Horoguduru Wellega | 104,056 | 48,768 | 55,288 | 28,226 | 16,594 | 11,631 | 3,494 | 1,242 | 2,252 |

TABLE 3-19 - a CONT'D

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|-------------------------|------------------|-----------|-----------|---------------------|---------|---------|-----------------------------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 177,229 | 82,383 | 94,846 | 8,338 | 3,611 | 4,728 | 2,985 | * | 1,628 |
| Shinele | 10,135 | 5,257 | 4,878 | 369 | 133 | * | 311 | * | * |
| Jijiga | 101,092 | 49,428 | 51,664 | 3,869 | 1,967 | 1,902 | 726 | 451 | * |
| Liben | 66,001 | 27,697 | 38,304 | 4,100 | 1,511 | 2,589 | 1,949 | * | 1,167 |
| Benshangul-Gumuz | 69,488 | 34,115 | 35,373 | 35,180 | 18,574 | 16,606 | 1,058 | * | 789 |
| Metekel | 45,936 | 23,116 | 22,820 | 12,164 | 4,877 | 7,287 | 561 | - | 561 |
| Asosa | 12,874 | 5,786 | 7,088 | 17,275 | 10,065 | 7,209 | * | * | * |
| Kemeshi | 2,837 | 1,387 | 1,450 | 2,228 | 1,380 | 848 | - | - | - |
| Pawe special | 4,185 | 2,041 | 2,144 | 1,821 | 1,209 | 612 | * | * | * |
| Mao Komo | 3,656 | 1,786 | 1,870 | 1,693 | 1,043 | 650 | * | * | * |
| SNNP | 2,101,246 | 1,001,231 | 1,100,015 | 780,037 | 371,643 | 408,393 | 263,872 | 105,583 | 158,289 |
| Gurage | 251,875 | 117,596 | 134,279 | 73,201 | 32,452 | 40,749 | 27,184 | 7,684 | 19,500 |
| Hadiya | 148,359 | 76,969 | 71,390 | 62,587 | 36,545 | 26,043 | 26,817 | 13,167 | 13,650 |
| Kembata Tembaro | 73,655 | 35,149 | 38,506 | 40,580 | 22,974 | 17,606 | 10,278 | 5,096 | 5,182 |
| Sidama | 399,860 | 190,115 | 209,745 | 126,193 | 20,095 | 106,099 | 12,594 | 3,012 | 9,581 |
| Gedio | 20,980 | 9,500 | 11,480 | 51,527 | 35,459 | 16,068 | * | * | 620 |
| Wolayita | 167,953 | 73,728 | 94,225 | 110,547 | 58,775 | 51,771 | 11,679 | 4,084 | 7,595 |
| South Omo | 168,877 | 82,238 | 86,639 | 28,921 | 15,028 | 13,893 | 28,373 | 11,844 | 16,529 |
| Shaka | 23,564 | 11,832 | 11,733 | 11,360 | 6,712 | 4,648 | 2,891 | 1,030 | 1,861 |
| Kaffa | 214,552 | 105,083 | 109,469 | 48,855 | 31,061 | 17,794 | 19,648 | 9,340 | 10,307 |
| Gamo Gofa | 232,108 | 106,951 | 125,157 | 94,006 | 46,177 | 47,829 | 45,230 | 14,114 | 31,116 |
| Bench Maji | 104,259 | 52,351 | 51,908 | 36,866 | 15,149 | 21,717 | 32,879 | 13,087 | 19,792 |
| Yem Sp. Wereda | 9,250 | 4,559 | 4,691 | 4,245 | 2,572 | 1,673 | 1,561 | 1,079 | 481 |
| Amaro Sp. Wereda | 18,870 | 8,728 | 10,141 | 10,213 | 6,549 | 3,664 | 591 | 303 | 289 |
| Burji Sp. Wereda | 7,579 | 3,731 | 3,848 | 2,763 | 1,941 | 821 | 275 | * | 152 |
| Konso Sp. Wereda | 25,814 | 11,098 | 14,716 | 5,517 | 2,787 | 2,731 | 5,119 | 2,518 | 2,601 |
| Derashe Sp. Wereda | 7,253 | 3,798 | 3,455 | 3,879 | 2,689 | 1,190 | 2,464 | 1,312 | 1,152 |
| Dawro | 63,375 | 32,082 | 31,293 | 25,304 | 11,579 | 13,724 | 1,464 | * | * |
| Basketo Sp. Wereda | 5,911 | 2,961 | 2,950 | 6,572 | 4,314 | 2,258 | 2,656 | 899 | 1,757 |
| Konta Sp. Wereda | 16,262 | 8,319 | 7,943 | 5,180 | 2,063 | 3,117 | 1,557 | 619 | 938 |
| Silte | 105,527 | 48,431 | 57,095 | 24,023 | 12,030 | 11,993 | 24,798 | 12,083 | 12,715 |
| Alaba Sp. Wereda | 35,365 | 16,011 | 19,354 | 7,697 | 4,690 | 3,007 | 5,026 | 3,097 | 1,929 |
| Gambela Region | 51,653 | 23,248 | 28,405 | 8,040 | 3,379 | 4,661 | 3,195 | 746 | 2,449 |
| Angnuwak | 6,516 | 3,622 | 2,893 | 3,927 | 2,164 | * | * | * | * |
| Nuware | 25,503 | 10,847 | 14,656 | 669 | 155 | * | 1,427 | 400 | 1,027 |
| Mezhenger | 6,011 | 3,120 | 2,891 | 2,693 | 795 | 1,898 | 610 | 100 | 511 |
| Itang Special | 13,623 | 5,659 | 7,964 | 751 | 264 | 487 | 372 | 99 | 273 |
| Harari | 8,877 | 4,215 | 4,662 | 2,341 | 1,104 | 1,238 | 938 | 214 | 724 |
| Hundene | 8,877 | 4,215 | 4,662 | 2,341 | 1,104 | 1,238 | 938 | 214 | 724 |
| Dire Dawa | 12,125 | 6,299 | 5,827 | 1,893 | 1,045 | 848 | 804 | 238 | 565 |

b. Sheep

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|-----------|-----------|---------------------|-----------|-----------|-----------------------------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 11,384,968 | 5,387,825 | 5,997,143 | 3,344,949 | 1,474,843 | 1,870,105 | 480,918 | 87,734 | 393,184 |
| Tigray | 510,585 | 236,454 | 274,130 | 143,765 | 46,146 | 97,619 | 4,416 | * | 3,196 |
| North West Tigray | 32,268 | 14,157 | 18,111 | 6,399 | * | 5,538 | - | - | - |
| Central Tigray | 112,295 | 54,023 | 58,273 | 25,896 | 3,720 | 22,176 | * | * | * |
| Eastern Tigray | 210,449 | 100,172 | 110,277 | 52,402 | 14,491 | 37,911 | 2,644 | * | 2,328 |
| Southern Tigray | 133,585 | 57,038 | 76,548 | 56,049 | 25,615 | 30,434 | * | * | * |
| Western Tigray | 21,987 | 11,065 | * | * | * | * | * | - | * |
| Afar | 151,870 | 59,839 | 92,031 | 10,790 | 5,991 | 4,799 | * | * | 1,342 |
| Zone 1 | 70,301 | 26,801 | 43,500 | 4,195 | 2,323 | 1,872 | 793 | * | 634 |
| Zone 3 | 81,569 | 33,038 | 48,531 | 6,595 | 3,668 | 2,927 | * | * | * |
| Amhara | 4,376,719 | 2,119,938 | 2,256,781 | 1,452,484 | 739,461 | 713,023 | 133,035 | 23,989 | 109,046 |
| North Gonder | 545,709 | 253,281 | 292,428 | 142,575 | 61,763 | 80,812 | * | * | * |
| South Gonder | 433,382 | 213,918 | 219,463 | 139,028 | 56,054 | 82,973 | * | - | * |
| North Wolo | 362,960 | 167,511 | 195,450 | 112,661 | 39,917 | 72,744 | * | * | * |
| South Wolo | 1,000,896 | 475,299 | 525,596 | 353,994 | 201,102 | 152,892 | 57,791 | 12,596 | 45,195 |
| North Shewa | 430,471 | 205,686 | 224,786 | 102,142 | 43,070 | 59,072 | 10,054 | 2,211 | 7,844 |
| East Gojam | 775,431 | 391,999 | 383,432 | 254,638 | 136,455 | 118,183 | 20,180 | 2,767 | 17,412 |
| West Gojam | 515,550 | 253,358 | 262,192 | 233,309 | 132,962 | 100,348 | * | * | * |
| Waghamera | 41,772 | 20,065 | 21,708 | 9,304 | 2,523 | 6,781 | * | * | * |
| Awi | 254,452 | 130,130 | 124,323 | 93,145 | 58,257 | 34,889 | 4,027 | - | 4,027 |
| Oromia | 15,810 | 8,533 | 7,277 | 11,404 | 7,132 | 4,272 | * | - | * |
| Argoba Special | 286 | 160 | 126 | 284 | 227 | * | - | - | - |
| Oromia | 4,358,019 | 2,058,845 | 2,299,174 | 1,166,072 | 493,239 | 672,834 | 190,302 | 31,637 | 158,665 |
| West Wellega | 158,803 | 71,690 | 87,113 | 41,063 | 6,356 | 34,707 | 6,344 | - | 6,344 |
| East Wellega | 137,104 | 65,854 | 71,249 | 33,935 | * | 23,371 | * | * | * |
| Illubabor | 198,976 | 93,474 | 105,502 | 56,633 | 13,489 | 43,144 | 8,287 | * | 7,393 |
| Jimma | 374,508 | 184,508 | 190,000 | 121,269 | 50,604 | 70,665 | 56,218 | 8,082 | 48,136 |
| West Shewa | 517,134 | 250,885 | 266,249 | 93,700 | 46,334 | 47,366 | 19,461 | 2,242 | 17,219 |
| North Shewa | 586,094 | 286,124 | 299,970 | 257,439 | 172,911 | 84,529 | 50,061 | * | 38,873 |
| East Shewa | 287,155 | 140,944 | 146,210 | 35,343 | 6,586 | 28,757 | 7,179 | 1,261 | 5,918 |
| Arsi | 748,072 | 353,547 | 394,525 | 138,973 | 38,343 | 100,630 | 8,705 | * | 6,936 |
| West Harerghe | 86,333 | 39,702 | 46,631 | 34,542 | 9,163 | 25,379 | 4,196 | * | 3,241 |
| East Harerghe | 131,927 | 63,383 | 68,544 | 43,339 | 21,032 | 22,307 | 10,849 | 1,794 | 9,055 |
| Bale | 131,612 | 63,665 | 67,947 | 24,899 | 5,217 | 19,682 | 2,669 | * | 2,254 |
| Borena | 85,503 | 38,198 | 47,305 | 21,421 | 5,465 | 15,956 | * | * | * |
| South West Shewa | 98,560 | 43,353 | 55,207 | 89,059 | 54,397 | 34,662 | 4,394 | * | 3,906 |
| Guji | 125,823 | 61,759 | 64,064 | 37,242 | 7,597 | 29,646 | * | - | * |
| West Arsi | 474,469 | 201,891 | 272,578 | 77,865 | 26,255 | 51,609 | 1,996 | * | 1,713 |
| Kelem Wellega | 114,248 | 53,386 | 60,862 | 37,114 | * | 29,351 | 2,100 | - | 2,100 |
| Horoguduru Wellega | 101,700 | 46,480 | 55,219 | 22,236 | 11,162 | 11,073 | 947 | * | 756 |

TABLE 3-19 - b CONT'D

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|-------------------------|------------------|---------|---------|---------------------|---------|---------|-----------------------------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 416,412 | 178,907 | 237,505 | 15,975 | 6,094 | 9,881 | 4,087 | 1,448 | 2,638 |
| Shinele | 80,595 | 30,912 | 49,684 | * | 926 | * | * | * | * |
| Jijiga | 260,297 | 114,196 | 146,101 | 7,666 | * | 4,149 | * | * | * |
| Liben | 75,520 | 33,800 | 41,720 | 6,031 | 1,650 | 4,380 | 796 | * | 680 |
| Benshangul-Gumuz | 44,114 | 20,795 | 23,320 | 19,775 | 5,434 | 14,342 | 449 | 155 | * |
| Metekel | 20,607 | 10,076 | 10,531 | 7,472 | 3,303 | 4,169 | 74 | 74 | - |
| Asosa | 10,884 | 5,018 | 5,866 | 8,640 | 1,290 | 7,350 | * | * | * |
| Kemeshi | 5,514 | 2,513 | 3,001 | 1,748 | 541 | 1,207 | - | - | - |
| Pawe special | 1,107 | 521 | 586 | 472 | 83 | 389 | * | - | * |
| Mao Komo | 6,003 | 2,667 | 3,336 | 1,444 | 218 | 1,226 | * | * | * |
| SNNP | 1,485,266 | 693,233 | 792,033 | 527,134 | 173,449 | 353,685 | 144,244 | 27,156 | 117,088 |
| Gurage | 174,498 | 78,851 | 95,647 | 56,788 | 19,724 | 37,064 | 11,040 | 1,994 | 9,046 |
| Hadiya | 109,587 | 48,974 | 60,614 | 36,354 | 10,523 | 25,831 | 20,308 | 2,857 | 17,451 |
| Kembata Tembaro | 45,094 | 21,775 | 23,319 | 20,600 | 10,894 | 9,706 | 7,847 | 774 | 7,073 |
| Sidama | 155,006 | 75,669 | 79,337 | 75,602 | 10,163 | 65,439 | * | * | 4,576 |
| Gedio | 75,399 | 38,528 | 36,872 | 48,738 | 18,624 | 30,114 | 2,182 | * | * |
| Wolayita | 77,496 | 36,762 | 40,734 | 47,726 | 11,654 | 36,072 | 11,943 | 3,771 | 8,172 |
| South Omo | 128,014 | 59,017 | 68,996 | 21,295 | 6,828 | 14,467 | 10,008 | 1,861 | 8,147 |
| Shaka | 28,818 | 14,130 | 14,689 | 19,668 | 10,563 | 9,105 | 2,991 | 459 | 2,533 |
| Kaffa | 214,974 | 102,713 | 112,261 | 45,583 | 22,613 | 22,970 | 22,448 | * | 16,934 |
| Gamo Gofa | 117,037 | 44,827 | 72,210 | 50,305 | 14,912 | 35,392 | 12,456 | 1,874 | 10,582 |
| Bench Maji | 66,152 | 31,480 | 34,672 | 35,985 | 12,042 | 23,943 | 10,145 | * | 8,828 |
| Yem Sp. Wereda | 13,385 | 6,329 | 7,056 | 2,974 | 399 | 2,575 | 1,358 | * | 1,331 |
| Amaro Sp. Wereda | 12,883 | 5,035 | 7,848 | 3,023 | 1,746 | 1,276 | * | * | - |
| Burji Sp. Wereda | 1,571 | 842 | 729 | 372 | 95 | 277 | - | - | - |
| Konso Sp. Wereda | 36,729 | 16,055 | 20,674 | 5,370 | 2,441 | 2,929 | 6,372 | 1,500 | * |
| Derashe Sp. Wereda | 5,396 | 3,077 | 2,319 | 1,981 | 973 | 1,008 | * | * | * |
| Dawro | 33,549 | 18,495 | 15,055 | 21,680 | 9,716 | 11,965 | * | * | * |
| Basketo Sp. Wereda | 5,014 | 2,183 | 2,831 | 3,190 | 405 | 2,785 | 996 | * | 942 |
| Konta Sp. Wereda | 5,069 | 2,540 | 2,529 | 5,080 | 3,106 | 1,974 | 1,064 | 428 | * |
| Silte | 155,942 | 75,521 | 80,421 | 20,590 | 5,508 | 15,083 | 12,724 | * | 11,460 |
| Alaba Sp. Wereda | 23,653 | 10,432 | 13,222 | 4,231 | 521 | 3,710 | 2,026 | 324 | 1,702 |
| Gambela Region | 17,093 | 7,825 | 9,268 | 5,430 | 2,652 | 2,779 | 198 | * | * |
| Angnuwak | 939 | * | 579 | 3,927 | 2,164 | * | - | - | - |
| Nuware | 7,728 | 3,591 | 4,137 | 669 | 155 | * | * | * | * |
| Mezhenger | 3,809 | 2,113 | 1,696 | 2,693 | 795 | 1,898 | 114 | * | 91 |
| Itang Special | 4,616 | 1,760 | 2,856 | 751 | 264 | 487 | - | - | - |
| Harari | 1,625 | 828 | 797 | 580 | 371 | 210 | * | * | * |
| Hundene | 1,625 | 828 | 797 | 2,341 | 1,104 | 1,238 | * | * | * |
| Dire Dawa | 23,266 | 11,162 | 12,104 | 2,943 | 2,007 | 936 | 1,191 | 570 | 621 |

c. Goats

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|-----------|-----------|---------------------|---------|-----------|-----------------------------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 9,001,416 | 4,195,522 | 4,805,894 | 1,835,660 | 699,475 | 1,136,184 | 253,907 | 56,633 | 197,274 |
| Tigray | 1,112,219 | 499,343 | 612,875 | 350,926 | * | 133,408 | 8,444 | 4,210 | 4,234 |
| North West Tigray | 336,845 | 147,819 | 189,026 | 42,102 | 11,626 | 30,476 | 1,496 | * | 798 |
| Central Tigray | 433,529 | 197,682 | 235,847 | 49,192 | 7,814 | 41,378 | * | * | * |
| Eastern Tigray | 66,821 | 31,620 | 35,201 | 15,215 | 6,133 | 9,082 | * | * | * |
| Southern Tigray | 153,788 | 65,704 | 88,084 | * | * | 36,963 | 1,881 | * | * |
| Western Tigray | 121,235 | 56,519 | 64,716 | 23,023 | 7,515 | 15,509 | 1,172 | 500 | 672 |
| Afar | 246,071 | 89,718 | 156,354 | 11,470 | 6,808 | 4,662 | * | * | 1,944 |
| Zone 1 | 113,132 | 39,299 | 73,833 | 4,194 | 1,482 | 2,713 | 897 | 172 | 725 |
| Zone 3 | 132,939 | 50,419 | 82,521 | 7,275 | 5,326 | 1,949 | * | * | * |
| Amhara | 2,539,217 | 1,225,436 | 1,313,781 | 651,504 | 249,553 | 401,952 | 47,860 | 9,843 | 38,017 |
| North Gonder | 722,350 | 369,612 | 352,738 | 119,705 | 45,659 | 74,046 | 2,601 | * | 2,113 |
| South Gonder | 350,385 | 161,360 | 189,025 | 135,387 | 51,038 | 84,349 | 1,321 | * | * |
| North Wolo | 202,057 | 91,812 | 110,245 | 65,972 | 21,178 | 44,794 | * | * | * |
| South Wolo | 239,397 | 119,827 | 119,570 | 77,051 | 32,594 | 44,457 | * | * | * |
| North Shewa | 298,268 | 145,303 | 152,965 | 49,934 | 23,594 | 26,340 | 6,495 | * | 4,434 |
| East Gojam | 220,717 | 102,458 | 118,260 | 75,017 | 31,182 | 43,834 | * | * | * |
| West Gojam | 202,697 | 92,016 | 110,682 | 53,276 | 22,210 | 31,067 | * | - | * |
| Waghamera | 127,088 | 58,248 | 68,840 | 25,426 | 5,328 | 20,098 | * | * | * |
| Awi | 59,470 | 29,655 | 29,816 | 21,204 | 9,669 | 11,536 | * | - | * |
| Oromia | 105,569 | 49,382 | 56,187 | 25,052 | 6,162 | 18,890 | 6,242 | * | * |
| Argoba Special | 11,218 | 5,765 | 5,453 | 3,479 | 938 | 2,541 | 697 | * | 516 |
| Oromia | 3,277,186 | 1,559,409 | 1,717,776 | 508,397 | 141,193 | 367,204 | 134,305 | 30,358 | 103,948 |
| West Wellega | 65,774 | 35,257 | 30,517 | 10,615 | 2,789 | 7,826 | * | * | * |
| East Wellega | 89,314 | 42,114 | 47,200 | 23,482 | 4,498 | 18,983 | * | * | * |
| Illubabor | 100,863 | 47,774 | 53,089 | 28,027 | 4,822 | 23,205 | 3,904 | * | 3,439 |
| Jimma | 100,464 | 49,346 | 51,118 | 26,229 | * | 16,154 | 8,433 | 1,825 | 6,607 |
| West Shewa | 189,370 | 104,536 | 84,834 | 40,616 | 13,234 | 27,382 | 12,552 | * | 10,326 |
| North Shewa | 107,810 | 53,851 | 53,959 | 22,021 | 9,637 | 12,385 | * | * | * |
| East Shewa | 300,736 | 138,966 | 161,770 | 27,510 | 9,106 | 18,405 | * | * | * |
| Arsi | 299,214 | 145,359 | 153,854 | 45,469 | 12,343 | 33,125 | 9,344 | * | 7,969 |
| West Harerghe | 410,975 | 188,239 | 222,736 | 53,534 | 20,115 | 33,419 | 24,482 | 5,042 | 19,440 |
| East Harerghe | 479,310 | 225,892 | 253,418 | 64,467 | 12,332 | 52,135 | 35,099 | 11,689 | 23,411 |
| Bale | 354,120 | 163,299 | 190,820 | 54,114 | 12,612 | 41,502 | 11,053 | * | 8,046 |
| Borena | 246,989 | 106,938 | 140,051 | 19,093 | 3,943 | 15,151 | 7,385 | 1,650 | 5,736 |
| South West Shewa | 80,230 | 42,442 | 37,788 | 18,310 | 6,503 | 11,807 | 5,323 | * | 5,124 |
| Guji | 171,637 | 81,396 | 90,241 | 19,827 | 3,605 | 16,222 | 2,495 | * | 1,900 |
| West Arsi | 147,255 | 70,416 | 76,839 | 24,164 | 8,180 | 15,984 | * | - | * |
| Kelem Wellega | 73,562 | 36,129 | 37,433 | 17,884 | 2,407 | 15,477 | 2,716 | 536 | 2,180 |
| Horoguduru Wellega | 59,565 | 27,455 | 32,109 | 13,036 | 4,994 | 8,041 | * | - | * |

TABLE 3-19 - c CONT'D

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|-------------------------|------------------|---------|---------|---------------------|--------|---------|-----------------------------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 557,839 | 244,570 | 313,269 | 25,058 | 9,577 | 15,480 | 6,586 | 2,144 | 4,442 |
| Shinele | 197,954 | 83,050 | 114,904 | * | 2,691 | * | * | * | * |
| Jijiga | 199,735 | 92,695 | 107,040 | 6,169 | 2,945 | 3,225 | 1,975 | * | * |
| Liben | 160,150 | 68,824 | 91,326 | 10,337 | 3,941 | 6,396 | 1,985 | 653 | 1,332 |
| Benshangul-Gumuz | 281,286 | 116,802 | 164,484 | 60,610 | 12,342 | 48,268 | 2,575 | 368 | 2,207 |
| Metekel | 100,940 | 47,262 | 53,678 | 12,119 | 5,280 | 6,839 | 1,362 | 358 | 1,004 |
| Asosa | 142,588 | 52,761 | 89,827 | 40,756 | 5,505 | 35,251 | * | - | * |
| Kemeshi | 27,870 | 12,210 | 15,659 | 5,278 | 1,056 | 4,221 | * | - | * |
| Pawe special | 2,034 | 1,248 | 786 | 868 | 280 | 588 | * | * | - |
| Mao Komo | 7,856 | 3,322 | 4,534 | 1,590 | 220 | 1,370 | 91 | - | 91 |
| SNNP | 893,157 | 416,390 | 476,767 | 218,019 | 59,304 | 158,715 | 46,596 | 7,210 | 39,386 |
| Gurage | 51,670 | 24,163 | 27,507 | 16,427 | 4,429 | 11,998 | 4,156 | * | 3,920 |
| Hadiya | 39,678 | 21,805 | 17,873 | 15,539 | 3,776 | 11,763 | 3,704 | * | 3,511 |
| Kembata Tembaro | 20,847 | 8,906 | 11,941 | 9,428 | 2,522 | 6,906 | 1,930 | * | 1,819 |
| Sidama | 60,552 | 27,286 | 33,266 | 40,757 | 10,038 | 30,719 | * | - | * |
| Gedio | * | * | * | 2,503 | 1,176 | 1,327 | - | - | - |
| Wolayita | 40,276 | 19,759 | 20,518 | 15,983 | 3,124 | 12,859 | 1,792 | * | 1,571 |
| South Omo | 279,315 | 130,144 | 149,172 | 15,068 | 4,847 | 10,221 | 4,732 | * | 3,392 |
| Shaka | 4,499 | 2,322 | 2,177 | 2,422 | 1,413 | 1,009 | 325 | * | 273 |
| Kaffa | 61,806 | 26,779 | 35,027 | 12,161 | 4,086 | 8,075 | 3,674 | * | 3,184 |
| Gamo Gofa | 78,112 | 33,900 | 44,212 | 35,780 | 8,613 | 27,167 | 6,084 | * | 4,813 |
| Bench Maji | 23,912 | 12,627 | 11,285 | 9,018 | 2,403 | 6,615 | 1,503 | * | 1,160 |
| Yem Sp. Wereda | 8,188 | 3,798 | 4,389 | 938 | * | 912 | 683 | - | 683 |
| Amaro Sp. Wereda | 26,292 | 12,279 | 14,013 | 5,142 | 1,723 | 3,419 | * | * | * |
| Burji Sp. Wereda | 10,365 | 5,272 | 5,093 | 1,954 | 565 | 1,389 | * | * | * |
| Konso Sp. Wereda | 74,456 | 32,604 | 41,852 | 7,062 | 3,309 | 3,754 | 5,453 | 1,518 | 3,935 |
| Derashe Sp. Wereda | 22,536 | 11,633 | 10,904 | 4,320 | 1,205 | 3,115 | 3,231 | 790 | 2,442 |
| Dawro | 18,798 | 10,307 | 8,491 | 5,794 | 1,959 | 3,835 | * | - | * |
| Basketo Sp. Wereda | 3,725 | 2,093 | * | * | * | * | * | - | * |
| Konta Sp. Wereda | 4,754 | 2,481 | 2,273 | 2,235 | 482 | 1,753 | * | - | * |
| Silte | 37,533 | 17,436 | 20,097 | 9,939 | 2,943 | 6,996 | * | * | * |
| Alaba Sp. Wereda | 21,692 | 9,246 | 12,446 | 2,789 | 270 | 2,518 | 1,234 | * | 1,166 |
| Gambela Region | 19,539 | 8,010 | 11,530 | 3,610 | 566 | 3,045 | * | * | * |
| Angnuwak | 5,496 | 2,490 | 3,006 | 385 | 125 | 260 | * | * | * |
| Nuware | 8,955 | 3,543 | 5,412 | * | * | * | * | * | * |
| Mezhenger | 492 | 222 | 270 | 4,131 | 2,146 | 1,985 | * | - | * |
| Itang Special | 4,596 | 1,755 | 2,841 | * | * | * | * | * | * |
| Harari | 14,626 | 7,245 | 7,381 | 2,430 | 661 | 1,768 | 1,234 | * | 1,214 |
| Hundene | 14,626 | 7,245 | 7,381 | 580 | 371 | 210 | 1,234 | * | 1,214 |
| Dire Dawa | 60,276 | 28,599 | 31,677 | 3,637 | 1,954 | 1,683 | 2,023 | 645 | 1,378 |

d. Horses

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|--------|--------|---------------------|--------|--------|-----------------------------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 131,647 | 59,817 | 71,830 | 152,227 | 89,117 | 63,110 | 14,165 | 3,074 | 11,092 |
| Tigray | * | * | * | 3,063 | 1,415 | * | * | * | - |
| North West Tigray | - | - | - | - | - | - | - | - | - |
| Central Tigray | * | - | * | * | * | * | * | * | - |
| Eastern Tigray | - | - | - | * | * | * | - | - | - |
| Southern Tigray | * | * | * | * | * | * | - | - | - |
| Western Tigray | - | - | - | 405 | 405 | - | - | - | - |
| Afar | * | - | * | * | - | * | - | - | - |
| Zone 1 | * | - | * | * | - | * | - | - | - |
| Zone 3 | - | - | - | - | - | - | - | - | - |
| Amhara | 22,073 | 9,919 | 12,155 | 35,808 | 19,259 | 16,548 | 2,618 | * | 1,931 |
| North Gonder | 4,135 | * | 2,961 | 4,499 | 2,547 | 1,952 | - | - | - |
| South Gonder | * | * | * | 2,509 | 1,262 | 1,248 | - | - | - |
| North Wolo | * | * | * | 6,060 | 3,103 | * | * | * | * |
| South Wolo | * | * | * | 6,850 | * | 5,284 | * | * | * |
| North Shewa | * | * | * | 2,768 | * | * | - | - | - |
| East Gojam | * | * | * | 4,986 | 3,304 | 1,682 | * | - | * |
| West Gojam | * | * | * | 2,377 | * | * | - | - | - |
| Waghamera | * | * | * | - | - | - | - | - | - |
| Awi | 2,876 | * | * | 5,451 | 3,968 | 1,483 | * | - | * |
| Oromia | - | - | - | * | * | * | - | - | - |
| Argoba Special | - | - | - | - | - | - | - | - | - |
| Oromia | 83,378 | 36,552 | 46,825 | 80,528 | 48,718 | 31,810 | 6,553 | 1,365 | 5,188 |
| West Wellega | * | - | * | * | - | * | - | - | - |
| East Wellega | * | * | - | * | * | - | - | - | - |
| Illubabor | 4,688 | 2,021 | * | 2,726 | 891 | 1,835 | - | - | - |
| Jimma | 6,045 | 2,992 | 3,053 | 6,808 | 3,026 | 3,782 | 2,218 | - | 2,218 |
| West Shewa | 14,416 | 7,188 | 7,228 | 13,165 | 8,306 | 4,859 | * | - | * |
| North Shewa | 10,080 | 6,434 | 3,646 | * | * | * | * | * | * |
| East Shewa | * | * | - | * | * | - | - | - | - |
| Arsi | 19,194 | 5,706 | 13,488 | 14,179 | 8,337 | 5,841 | - | - | - |
| West Harerghe | - | - | - | * | - | * | - | - | - |
| East Harerghe | - | - | - | - | - | - | - | - | - |
| Bale | * | 832 | * | 6,124 | 5,029 | * | - | - | - |
| Borena | * | - | * | * | - | * | - | - | - |
| South West Shewa | 2,013 | * | * | 4,384 | 3,846 | * | * | - | * |
| Guji | 8,132 | 3,152 | 4,981 | 8,937 | 4,477 | * | 891 | * | * |
| West Arsi | 12,877 | 4,879 | 7,998 | 13,990 | 9,718 | 4,272 | 1,132 | - | 1,132 |
| Kelem Wellega | * | * | * | 685 | * | * | - | - | - |
| Horoguduru Wellega | 2,765 | 1,605 | 1,160 | 1,669 | 721 | 948 | - | - | - |

e. Donkeys

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|---------|---------|---------------------|---------|---------|-----------------------------|--------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 420,431 | 215,517 | 204,913 | 427,787 | 247,986 | 179,801 | 27,878 | 12,042 | 15,835 |
| Tigray | 37,464 | 22,142 | 15,322 | 36,249 | 22,744 | 13,505 | * | * | * |
| North West Tigray | 4,893 | 3,301 | 1,592 | 3,049 | 1,971 | 1,078 | - | - | - |
| Central Tigray | 13,688 | 7,010 | 6,678 | 11,636 | 5,783 | 5,853 | - | - | - |
| Eastern Tigray | 7,597 | 5,324 | 2,273 | 6,625 | 4,084 | 2,541 | * | * | * |
| Southern Tigray | 10,102 | 5,773 | 4,329 | 11,978 | 8,488 | 3,490 | - | - | - |
| Western Tigray | 1,183 | 734 | 449 | 2,961 | 2,418 | 543 | - | - | - |
| Afar | * | 1,962 | * | 772 | 395 | 377 | * | * | * |
| Zone 1 | 969 | 557 | 412 | 454 | * | 331 | - | - | - |
| Zone 3 | * | * | * | * | * | * | * | * | * |
| Amhara | 169,707 | 84,869 | 84,838 | 170,765 | 90,244 | 80,521 | 4,121 | 1,758 | 2,362 |
| North Gonder | 23,304 | 11,647 | 11,657 | 27,151 | 16,329 | 10,822 | - | - | - |
| South Gonder | 22,489 | 13,096 | 9,393 | 15,369 | 5,230 | 10,140 | * | - | * |
| North Wolo | 19,208 | 9,298 | 9,910 | 31,996 | 15,370 | 16,626 | - | - | - |
| South Wolo | 29,296 | 14,501 | 14,795 | 24,770 | 12,693 | 12,077 | * | * | * |
| North Shewa | 19,368 | 10,607 | 8,761 | 23,087 | 14,618 | 8,469 | * | - | * |
| East Gojam | 25,955 | 11,285 | 14,669 | 17,321 | 7,494 | 9,827 | * | - | * |
| West Gojam | 20,803 | 9,652 | 11,152 | 14,171 | 7,624 | 6,547 | * | * | * |
| Waghamera | 3,773 | 2,141 | 1,632 | 4,559 | 2,436 | 2,123 | * | * | - |
| Awi | 3,562 | 1,927 | 1,635 | 9,018 | 6,657 | 2,361 | - | - | - |
| Oromia | 1,781 | 640 | 1,142 | 3,197 | 1,747 | 1,450 | - | - | - |
| Argoba Special | 168 | 76 | 92 | 125 | 46 | 79 | * | - | * |
| Oromia | 167,894 | 85,496 | 82,398 | 160,155 | 98,077 | 62,079 | 18,742 | 7,616 | 11,126 |
| West Wellega | 11,156 | 4,231 | 6,925 | 7,874 | 4,763 | 3,111 | * | - | * |
| East Wellega | 8,622 | 4,456 | 4,166 | 8,641 | 5,553 | 3,089 | * | - | * |
| Illubabor | 1,574 | * | * | 1,973 | 1,973 | - | - | - | - |
| Jimma | * | * | - | 8,253 | 7,132 | * | * | * | * |
| West Shewa | 12,121 | 6,331 | 5,790 | 12,040 | 8,007 | 4,033 | * | * | * |
| North Shewa | 16,056 | 9,700 | 6,357 | 12,119 | 7,212 | 4,907 | * | * | * |
| East Shewa | 17,320 | 9,399 | 7,922 | 10,488 | 6,410 | 4,078 | 947 | * | * |
| Arsi | 19,956 | 10,882 | 9,074 | 20,677 | 9,422 | 11,255 | * | * | - |
| West Harerghe | 12,800 | 5,498 | 7,302 | 8,578 | 5,853 | 2,725 | 3,419 | * | 2,592 |
| East Harerghe | 12,419 | 6,718 | 5,700 | 13,642 | 9,187 | 4,455 | 6,702 | 3,223 | 3,480 |
| Bale | 17,313 | 8,220 | 9,093 | 17,604 | 10,292 | 7,312 | 2,054 | 824 | * |
| Borena | 3,386 | 1,991 | 1,395 | 4,301 | 2,855 | 1,446 | * | * | * |
| South West Shewa | 6,971 | 2,892 | 4,080 | 8,853 | 5,864 | 2,990 | - | - | - |
| Guji | 6,797 | * | 3,348 | 4,404 | 2,643 | * | * | * | - |
| West Arsi | 14,423 | 7,449 | 6,974 | 11,162 | 5,283 | 5,879 | * | * | * |
| Kelem Wellega | 2,453 | 935 | 1,518 | 5,130 | 3,528 | 1,602 | - | - | - |
| Horoguduru Wellega | 4,166 | 1,847 | 2,319 | 4,417 | 2,102 | 2,315 | 404 | * | * |

TABLE 3-19 - e CONT'D

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|-------------------------|------------------|--------|--------|---------------------|--------|--------|-----------------------------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 5,780 | 3,114 | 2,665 | 2,639 | 1,523 | 1,116 | * | * | * |
| Shinele | 1,891 | 705 | 1,186 | 874 | * | * | - | - | - |
| Jijiga | 2,580 | 1,597 | 984 | 962 | * | * | - | - | - |
| Liben | 1,308 | 813 | * | 803 | * | 558 | * | * | * |
| Benshangul-Gumuz | 8,991 | 5,053 | 3,939 | 15,756 | 9,736 | 6,020 | * | - | * |
| Metekel | 809 | 549 | 261 | 3,283 | 2,949 | 334 | - | - | - |
| Asosa | 7,626 | 4,123 | 3,503 | 9,689 | 4,455 | 5,234 | * | - | * |
| Kemeshi | 255 | 154 | * | 2,316 | 2,013 | 303 | - | - | - |
| Pawe special | * | * | - | 58 | * | * | - | - | - |
| Mao Komo | 276 | 202 | * | 409 | 289 | 121 | - | - | - |
| SNNP | 25,036 | 12,206 | 12,830 | 40,982 | 25,057 | 15,925 | 3,878 | 2,127 | 1,751 |
| Gurage | 2,365 | * | 1,334 | 5,036 | 2,576 | 2,460 | * | - | * |
| Hadiya | 4,139 | 1,731 | 2,408 | 4,891 | 2,996 | 1,896 | * | * | - |
| Kembata Tembaro | 978 | * | 650 | 3,053 | 2,835 | * | * | - | * |
| Sidama | * | * | 3,639 | 7,177 | 4,612 | * | * | * | - |
| Gedio | - | - | - | * | * | - | - | - | - |
| Wolayita | * | * | * | 5,027 | 4,364 | * | - | - | - |
| South Omo | * | * | * | * | * | * | - | - | - |
| Shaka | - | - | - | * | * | - | - | - | - |
| Kaffa | - | - | - | * | * | - | * | * | - |
| Gamo Gofa | 987 | * | * | 5,348 | * | * | * | - | * |
| Bench Maji | - | - | - | * | * | - | - | - | - |
| Yem Sp. Wereda | 161 | * | * | 104 | * | * | * | * | * |
| Amaro Sp. Wereda | - | - | - | * | * | * | - | - | - |
| Burji Sp. Wereda | 367 | 161 | 206 | 311 | 168 | * | - | - | - |
| Konso Sp. Wereda | * | - | * | * | * | * | - | - | - |
| Derashe Sp. Wereda | 351 | * | 216 | * | * | 179 | * | * | - |
| Dawro | * | - | * | * | * | * | - | - | - |
| Basketo Sp. Wereda | - | - | - | * | * | * | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Silte | 3,872 | 2,026 | 1,845 | 5,029 | 2,072 | 2,957 | 1,330 | 688 | * |
| Alaba Sp. Wereda | 2,493 | 1,304 | 1,189 | 1,079 | * | 796 | * | * | * |
| Gambela Region | - | - | - | * | * | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - |
| Mezhenger | - | - | - | * | * | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - |
| Harari | 305 | * | * | 233 | * | 137 | * | * | - |
| Hundene | 305 | * | * | - | - | - | * | * | - |
| Dire Dawa | 966 | 529 | 437 | 211 | * | * | 215 | * | 180 |

f. Mules

| Geographic Area | Number of Births | | | Number of Purchases | | | Acquired by any Other Means | | |
|--------------------|------------------|-------|--------|---------------------|--------|--------|-----------------------------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 19,370 | 9,498 | 9,871 | 48,804 | 26,734 | 22,070 | * | * | - |
| Tigray | * | * | - | * | * | - | - | - | - |
| North West Tigray | - | - | - | - | - | - | - | - | - |
| Central Tigray | - | - | - | - | - | - | - | - | - |
| Eastern Tigray | - | - | - | - | - | - | - | - | - |
| Southern Tigray | * | * | - | * | * | - | - | - | - |
| Western Tigray | - | - | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - | - | - |
| Zone 1 | - | - | - | - | - | - | - | - | - |
| Zone 3 | - | - | - | - | - | - | - | - | - |
| Amhara | 8,610 | 4,361 | 4,249 | 22,333 | 12,196 | 10,137 | * | * | - |
| North Gonder | - | - | - | 1,581 | 1,581 | - | - | - | - |
| South Gonder | * | * | * | 1,908 | * | * | - | - | - |
| North Wolo | * | * | * | 3,987 | 1,114 | 2,872 | - | - | - |
| South Wolo | 4,678 | * | 2,717 | 7,681 | 3,581 | 4,100 | - | - | - |
| North Shewa | * | * | - | * | * | * | - | - | - |
| East Gojam | * | - | * | 1,253 | 1,253 | - | - | - | - |
| West Gojam | * | - | * | * | * | * | * | * | - |
| Waghamera | * | * | - | 871 | * | * | - | - | - |
| Awi | * | * | - | 1,261 | 895 | * | - | - | - |
| Oromia | - | - | - | - | - | - | - | - | - |
| Argoba Special | - | - | - | - | - | - | - | - | - |
| Oromia | 8,287 | 3,831 | 4,456 | 20,285 | 10,285 | 10,000 | * | * | - |
| West Wellega | - | - | - | 832 | * | * | - | - | - |
| East Wellega | - | - | - | - | - | - | - | - | - |
| Illubabor | * | * | * | * | * | * | - | - | - |
| Jimma | * | - | * | 6,231 | * | 4,015 | * | * | - |
| West Shewa | * | - | * | * | * | * | - | - | - |
| North Shewa | 1,586 | * | * | * | * | - | - | - | - |
| East Shewa | - | - | - | * | * | * | - | - | - |
| Arsi | * | * | * | * | * | * | - | - | - |
| West Harerghe | * | * | - | * | - | * | - | - | - |
| East Harerghe | - | - | - | - | - | - | - | - | - |
| Bale | * | * | - | 2,303 | 1,053 | 1,250 | - | - | - |
| Borena | * | * | * | * | * | * | - | - | - |
| South West Shewa | * | * | - | * | * | * | - | - | - |
| Guji | * | * | * | * | * | * | - | - | - |
| West Arsi | - | - | - | * | * | - | - | - | - |
| Kelem Wellega | * | * | * | 1,198 | 920 | * | - | - | - |
| 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 |
| Somale | 38,254 | 18,746 | 19,508 | 3,003 | 1,446 | 1,557 | 586 | * | * |
| Shinele | 3,316 | 1,432 | 1,884 | * | * | * | * | * | * |
| Jijiga | 8,352 | 3,771 | 4,581 | * | * | - | * | * | - |
| Liben | 26,586 | 13,544 | 13,042 | 1,817 | * | 1,127 | * | * | * |
| Benshangul-Gumuz | - | - | - | - | - | - | - | - | - |
| Metekel | - | - | - | - | - | - | - | - | - |
| Asosa | - | - | - | - | - | - | - | - | - |
| Kemeshi | - | - | - | - | - | - | - | - | - |
| Pawe Special | - | - | - | - | - | - | - | - | - |
| Mao Komo | - | - | - | - | - | - | - | - | - |
| SNNP | - | - | - | * | * | * | - | - | - |
| Gurage | - | - | - | - | - | - | - | - | - |
| Hadiya | - | - | - | - | - | - | - | - | - |
| Kembata Tembaro | - | - | - | - | - | - | - | - | - |
| Sidama | - | - | - | - | - | - | - | - | - |
| Gedio | - | - | - | - | - | - | - | - | - |
| Wolayita | - | - | - | - | - | - | - | - | - |
| South Omo | - | - | - | - | - | - | - | - | - |
| Shaka | - | - | - | - | - | - | - | - | - |
| Kaffa | - | - | - | - | - | - | - | - | - |
| Gamo Gofa | - | - | - | - | - | - | - | - | - |
| Bench Maji | - | - | - | - | - | - | - | - | - |
| Yem Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Amaro Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Burji Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Konso Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Derashe Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Dawro | - | - | - | - | - | - | - | - | - |
| Basketo Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Silte | - | - | - | - | - | - | - | - | - |
| Alaba Sp. Wereda | - | - | - | * | * | * | - | - | - |
| Gambela Region | * | - | * | - | - | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - |
| Mezhenger | * | - | * | - | - | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - |
| Harari | * | * | * | * | - | * | - | - | - |
| Hundene | * | * | * | * | - | * | - | - | - |
| Dire Dawa | 594 | 110 | 484 | * | * | * | * | * | * |

h. Poultry

| Geographic Area | Total Number of Births | Total Number of Purchases | Total Acquired by any Other Means |
|--------------------|------------------------|---------------------------|-----------------------------------|
| Ethiopia | 52,178,770 | 6,293,385 | 338,314 |
| Tigray | 6,144,485 | 580,015 | 41,512 |
| North West Tigray | 1,896,329 | 128,392 | 7,679 |
| Central Tigray | 1,570,606 | 142,055 | 10,007 |
| Eastern Tigray | 631,400 | 46,180 | 7,607 |
| Southern Tigray | 1,065,810 | 192,043 | 11,498 |
| Western Tigray | 980,341 | 71,345 | 4,722 |
| Afar | 69,540 | 6,608 | * |
| Zone 1 | * | - | - |
| Zone 3 | 69,327 | 6,608 | * |
| Amhara | 20,563,536 | 2,710,110 | 64,912 |
| North Gonder | 8,114,943 | 559,775 | 20,792 |
| South Gonder | 2,386,434 | 435,419 | 4,496 |
| North Wolo | 1,235,487 | 243,668 | 8,040 |
| South Wolo | 1,317,946 | 317,822 | 3,966 |
| North Shewa | 1,374,497 | 364,148 | 12,299 |
| East Gojam | 676,667 | 139,249 | * |
| West Gojam | 3,423,382 | 469,812 | 7,028 |
| Waghamera | 516,116 | 30,887 | 1,596 |
| Awi | 1,043,793 | 96,737 | 2,879 |
| Oromia | 423,698 | 47,659 | 2,493 |
| Argoba Special | 50,575 | 4,933 | 314 |
| Oromia | 14,458,590 | 1,806,347 | 114,572 |
| West Wellega | 1,359,712 | 125,053 | 4,512 |
| East Wellega | 714,636 | 83,624 | 2,450 |
| Illubabor | 1,221,331 | 128,783 | 9,374 |
| Jimma | 1,401,090 | 128,286 | 16,443 |
| West Shewa | 992,544 | 240,344 | 9,149 |
| North Shewa | 261,737 | 101,204 | * |
| East Shewa | 638,066 | 106,352 | 2,555 |
| Arsi | 1,544,434 | 177,824 | 5,685 |
| West Harerghe | 1,395,512 | 97,808 | 18,000 |
| East Harerghe | 955,890 | 41,003 | 22,879 |
| Bale | 712,663 | 110,710 | 2,058 |
| Borena | 439,657 | 110,487 | 2,491 |
| South West Shewa | 385,498 | 86,019 | 4,206 |
| Guji | 555,488 | 49,856 | * |
| West Arsi | 598,263 | 72,856 | 5,633 |
| Kelem Wellega | 841,918 | 91,575 | 5,760 |
| Horoguduru Wellega | 440,153 | 54,563 | 1,768 |

TABLE 3-19 - h CONT'D

| Geographic Area | Total Number of Births | Total Number of Purchases | Total Acquired by any Other Means |
|-------------------------|------------------------|---------------------------|-----------------------------------|
| Somale | 41,778 | 2,461 | * |
| Shinele | * | * | - |
| Jijiga | 3,304 | * | * |
| Liben | 38,137 | 1,583 | * |
| Benshangul-Gumuz | 1,959,651 | 143,381 | 1,817 |
| Metekel | 686,842 | 49,479 | 335 |
| Asosa | 1,023,019 | 72,944 | 1,070 |
| Kemeshi | 127,585 | 10,191 | * |
| Pawe Special | 49,061 | 6,168 | 88 |
| Mao Komo | 73,145 | 4,599 | * |
| SNNP | 8,544,463 | 1,022,549 | 107,809 |
| Gurage | 413,446 | 63,891 | * |
| Hadiya | 824,259 | 73,888 | 13,769 |
| Kembata Tembaro | 494,478 | 67,772 | 10,013 |
| Sidama | 1,376,322 | 178,431 | * |
| Gedio | 295,310 | 110,301 | * |
| Wolayita | 742,835 | 61,232 | 9,525 |
| South Omo | 449,944 | 30,228 | 5,764 |
| Shaka | 266,821 | 46,928 | 708 |
| Kaffa | 1,069,881 | 85,862 | 5,862 |
| Gamo Gofa | 720,520 | 113,236 | 14,340 |
| Bench Maji | 826,016 | 70,013 | 5,560 |
| Yem Sp. Wereda | 34,417 | 3,500 | 718 |
| Amaro Sp. Wereda | 42,447 | 7,985 | * |
| Burji Sp. Wereda | 37,877 | 3,093 | * |
| Konso Sp. Wereda | 69,532 | 7,944 | 2,807 |
| Derashe Sp. Wereda | 89,275 | 5,350 | 2,010 |
| Dawro | 107,612 | 25,867 | - |
| Basketo Sp. Wereda | 73,385 | 15,429 | 557 |
| Konta Sp. Wereda | 68,827 | 7,111 | 594 |
| Silte | 391,192 | 39,152 | * |
| Alaba Sp. Wereda | 150,067 | 5,337 | * |
| Gambela Region | 336,976 | 20,141 | 3,100 |
| Angnuwak | 147,099 | 4,863 | 1,621 |
| Nuware | * | * | * |
| Mezhenger | 168,257 | 13,704 | * |
| Itang Special | 16,689 | 609 | 27 |
| Harari | 29,707 | 1,268 | 740 |
| Hundene | 29,707 | 1,268 | 740 |
| Dire Dawa | 30,043 | 505 | 1,858 |

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

a. Cattle

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|-------------------|-----------------|-----------|-----------|----------------------|---------|---------|------------------|-----------|-----------|-----------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 4,031,571 | 2,492,189 | 1,539,382 | 350,071 | 181,863 | 168,208 | 3,381,417 | 1,436,658 | 1,944,759 | 445,533 | 172,493 | 273,040 |
| Tigray | 348,362 | 256,561 | 91,801 | 36,445 | 19,817 | 16,627 | 142,813 | 64,461 | 78,352 | 21,889 | 9,984 | 11,905 |
| North West Tigray | 41,721 | 25,201 | 16,520 | 6,559 | 3,319 | 3,240 | 38,616 | 15,054 | 23,562 | 1,808 | 818 | 990 |
| Central Tigray | 55,324 | 35,346 | 19,978 | 7,184 | 3,924 | 3,261 | 26,207 | 14,628 | 11,579 | 6,349 | 3,126 | 3,223 |
| Eastern Tigray | 46,070 | 26,461 | 19,609 | 6,881 | * | 2,554 | 17,275 | 7,775 | 9,500 | 3,732 | 1,076 | 2,656 |
| Southern Tigray | * | * | 27,400 | 11,747 | 5,770 | 5,976 | 37,601 | 17,142 | 20,459 | 7,306 | 3,798 | 3,508 |
| Western Tigray | 22,136 | 13,843 | 8,293 | 4,074 | 2,477 | 1,597 | 23,114 | 9,862 | 13,252 | 2,693 | 1,166 | 1,527 |
| Afar | 32,723 | 18,380 | 14,343 | 6,390 | 3,893 | 2,497 | 129,795 | 34,122 | 95,672 | 6,874 | 1,862 | 5,012 |
| Zone 1 | 21,153 | 10,778 | 10,376 | 2,941 | 1,825 | 1,117 | 85,558 | 19,498 | 66,060 | 1,670 | * | * |
| Zone 3 | 11,569 | 7,602 | 3,967 | 3,448 | * | 1,380 | 44,237 | 14,624 | 29,612 | * | 1,474 | * |
| Amhara | 924,252 | 586,081 | 338,171 | 83,511 | 40,146 | 43,365 | 655,407 | 300,373 | 355,034 | 51,992 | 20,266 | 31,726 |
| North Gonder | 147,290 | 93,390 | 53,900 | 14,704 | 8,564 | 6,140 | 142,905 | 55,588 | 87,317 | 13,403 | 5,988 | 7,414 |
| South Gonder | 98,123 | 56,992 | 41,131 | * | * | * | 55,236 | 26,090 | 29,146 | 4,793 | * | 2,900 |
| North Wolo | 98,182 | 55,667 | 42,515 | 9,981 | 4,660 | 5,322 | 72,372 | 34,728 | 37,644 | 6,672 | * | 5,303 |
| South Wolo | 182,288 | 124,703 | 57,585 | 15,619 | 3,956 | 11,662 | 70,718 | 36,542 | 34,175 | 6,049 | 2,854 | 3,195 |
| North Shewa | 96,987 | 65,473 | 31,514 | 10,998 | 5,871 | 5,126 | 76,982 | 44,411 | 32,571 | 5,588 | 1,957 | 3,631 |
| East Gojam | 90,971 | 57,429 | 33,541 | 8,294 | 3,962 | 4,332 | 73,110 | 34,533 | 38,577 | 5,427 | 1,778 | 3,649 |
| West Gojam | 119,853 | 77,176 | 42,676 | 8,127 | 4,838 | 3,289 | 70,219 | 31,576 | 38,643 | 6,054 | 3,107 | 2,947 |
| Waghamera | 12,812 | 7,783 | 5,029 | 755 | * | 505 | 23,387 | 9,868 | 13,520 | * | 994 | * |
| Awi | 43,074 | 26,477 | 16,596 | 3,327 | 1,520 | 1,807 | 21,994 | 11,281 | 10,713 | 984 | * | 802 |
| Oromia | 32,390 | 19,531 | 12,859 | 1,431 | 643 | 787 | 46,692 | 14,876 | 31,815 | * | * | * |
| Argoba Special | 2,283 | 1,460 | 824 | 230 | 56 | 174 | 1,792 | 880 | 912 | 134 | 68 | 66 |
| Oromia | 1,796,613 | 1,128,753 | 667,859 | 132,846 | 68,237 | 64,609 | 1,632,699 | 696,031 | 936,669 | 184,467 | 76,088 | 108,379 |
| West Wellega | 71,272 | 39,312 | 31,960 | 1,131 | * | * | 70,921 | 32,319 | 38,602 | * | 853 | * |
| East Wellega | 70,150 | 48,105 | 22,045 | 3,515 | 1,146 | 2,369 | 90,654 | 43,777 | 46,877 | 2,731 | * | 1,163 |
| Illubabor | 61,062 | 37,797 | 23,265 | 5,027 | 2,745 | 2,282 | 95,360 | 44,175 | 51,185 | 3,628 | 1,907 | * |
| Jimma | 167,529 | 103,844 | 63,685 | 8,793 | 4,906 | 3,888 | 205,546 | 86,588 | 118,958 | 43,655 | 19,792 | 23,863 |
| West Shewa | 155,191 | 99,869 | 55,322 | 14,454 | 7,171 | 7,283 | 161,639 | 76,756 | 84,883 | 5,431 | 3,775 | * |
| North Shewa | 111,117 | 72,103 | 39,015 | 14,372 | 6,856 | 7,517 | 103,453 | 39,880 | 63,573 | 4,314 | 2,953 | * |
| East Shewa | 93,667 | 65,309 | 28,357 | 11,306 | 7,262 | 4,044 | 96,548 | 45,820 | 50,729 | 8,261 | 3,327 | 4,934 |
| Arsi | 228,591 | 139,358 | 89,233 | 13,451 | 6,909 | 6,541 | 126,210 | 51,172 | 75,038 | 21,278 | 6,295 | 14,982 |
| West Harerghe | 139,682 | 93,716 | 45,966 | 6,037 | 3,269 | * | 89,648 | 37,130 | 52,518 | 17,116 | 5,485 | 11,632 |
| East Harerghe | 143,225 | 81,832 | 61,393 | 5,342 | * | 2,107 | 82,654 | 31,346 | 51,307 | 11,343 | 5,319 | 6,025 |
| Bale | 83,074 | 57,477 | 25,597 | 4,382 | 1,295 | 3,087 | 96,528 | 40,569 | 55,959 | 21,423 | 8,120 | 13,303 |
| Borena | 92,770 | 61,775 | 30,995 | 5,427 | 2,898 | 2,530 | 63,651 | 19,975 | 43,676 | * | * | * |
| South West Shewa | 53,834 | 31,917 | 21,917 | 9,859 | 4,347 | 5,512 | 65,591 | 29,891 | 35,700 | 7,424 | 2,999 | 4,426 |
| Guji | 98,742 | 58,440 | 40,302 | 4,421 | 3,382 | 1,040 | 81,544 | 30,441 | 51,103 | 4,994 | * | 3,938 |
| West Arsi | 165,845 | 99,128 | 66,718 | 21,507 | 10,131 | 11,375 | 112,957 | 41,300 | 71,657 | 16,887 | * | 9,606 |
| Kelem Wellega | 30,708 | 19,687 | 11,021 | 1,591 | 1,062 | * | 44,053 | 22,652 | 21,401 | * | * | * |
| Horoguduru | | | | | | | | | | | | |
| Wellega | 30,154 | 19,084 | 11,070 | 2,232 | 1,184 | 1,047 | 45,741 | 22,239 | 23,502 | 1,232 | 595 | 637 |

TABLE 3-20 – a CONT'D

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|--------------------------------|-----------------|---------|---------|----------------------|--------|--------|------------------|---------|---------|-----------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 26,821 | 20,835 | 5,986 | 1,192 | 997 | * | 29,335 | 10,355 | 18,980 | 3,364 | 1,127 | * |
| Shinele | * | * | 419 | * | - | * | 1,160 | 355 | 806 | * | * | * |
| Jijiga | 12,482 | 10,952 | 1,529 | * | * | - | 8,552 | 3,874 | 4,678 | * | * | * |
| Liben | 11,831 | 7,794 | 4,038 | * | * | * | * | * | * | * | * | * |
| Benshangul-Gumuz | 32,261 | 18,254 | 14,007 | 1,880 | 1,012 | 868 | 38,057 | 17,650 | 20,407 | 920 | 669 | 251 |
| Metekel | 18,612 | 9,552 | 9,060 | 1,433 | 837 | 595 | 17,259 | 7,264 | 9,995 | 852 | 649 | 203 |
| Asosa | 9,255 | 5,789 | 3,466 | * | * | * | 12,262 | 5,848 | 6,414 | - | - | - |
| Kemeshi | 711 | 575 | * | * | - | * | 1,997 | 1,305 | 692 | - | - | - |
| Pwae Special | 1,966 | 1,350 | 616 | 84 | 62 | * | 1,474 | 768 | 706 | * | * | * |
| Mao Komo | 1,717 | 989 | 728 | 154 | * | 116 | 5,065 | 2,465 | 2,600 | * | - | * |
| SNNP | 855,214 | 453,538 | 401,676 | 85,765 | 46,564 | 39,201 | 727,615 | 304,887 | 422,728 | 164,118 | 59,167 | 104,951 |
| Gurage | 51,327 | 21,350 | 29,976 | 18,717 | 12,714 | 6,004 | 75,048 | 25,761 | 49,287 | 7,178 | * | 5,006 |
| Hadiya Kembata | 86,833 | 48,232 | 38,601 | 978 | * | * | 63,073 | 28,076 | 34,997 | * | 5,684 | * |
| Tembaro | 48,539 | 27,735 | 20,804 | 643 | * | * | 22,965 | 10,622 | 12,343 | 8,608 | 3,539 | 5,070 |
| Sidama | 173,761 | 66,216 | 107,545 | 31,308 | 12,972 | * | 72,391 | 22,039 | 50,352 | 11,463 | * | 8,868 |
| Gedio | 42,018 | 27,158 | 14,861 | * | * | * | 4,487 | 2,168 | 2,319 | * | * | * |
| Wolayita | 94,369 | 58,801 | 35,568 | - | - | - | 59,088 | 26,573 | 32,516 | * | * | 3,535 |
| South Omo | 29,692 | 20,639 | 9,053 | 3,894 | 3,076 | * | 68,119 | 28,340 | 39,780 | * | * | * |
| Shaka | 16,764 | 10,561 | 6,203 | 1,777 | 1,036 | 741 | 9,551 | 3,815 | 5,736 | 3,416 | 1,006 | 2,410 |
| Kaffa | 85,906 | 49,838 | 36,068 | 8,878 | 3,915 | 4,963 | 105,266 | 46,909 | 58,357 | 9,034 | 4,903 | 4,130 |
| Gamo Gofa | 86,347 | 46,981 | 39,366 | 2,854 | 1,685 | * | 95,271 | 44,200 | 51,072 | 16,442 | 5,447 | 10,995 |
| Bench Maji | 49,242 | 22,726 | 26,516 | 2,881 | 1,652 | 1,229 | 36,229 | 16,949 | 19,280 | 40,946 | 16,194 | 24,752 |
| Yem Sp. Wereda Amaro Sp. | 5,291 | 2,554 | 2,737 | 965 | 423 | 542 | 4,241 | 1,877 | 2,363 | 1,447 | 677 | 771 |
| Wereda | 7,421 | 5,092 | 2,329 | 425 | 295 | * | 9,186 | 4,370 | 4,815 | 607 | 406 | * |
| Burji Sp. Wereda Konso Sp. | 1,542 | 1,030 | 512 | 347 | 254 | 93 | 3,799 | 1,883 | 1,915 | 104 | * | * |
| Wereda | 4,310 | 3,087 | 1,223 | 804 | 735 | * | 11,455 | 4,966 | 6,490 | * | * | * |
| Derashe Sp. Wereda | 1,972 | 1,390 | 582 | * | * | - | 5,279 | 2,211 | 3,069 | 1,666 | 833 | 833 |
| Dawro Basketo Sp. Wereda | 29,870 | 16,734 | 13,137 | 900 | 534 | 366 | 34,650 | 13,795 | 20,855 | 714 | * | * |
| Konta Sp. Wereda | 2,875 | 1,809 | 1,067 | 567 | 180 | * | 2,904 | 1,481 | 1,423 | 820 | 208 | 612 |
| Wereda | 5,523 | 3,318 | 2,205 | * | * | * | 9,235 | 3,998 | 5,237 | 1,042 | 285 | 757 |
| Silte Alaba Sp. Wereda | 20,855 | 11,699 | 9,156 | 8,669 | 5,319 | 3,350 | 23,400 | 10,144 | 13,256 | 4,446 | 1,174 | 3,272 |
| Wereda | 10,757 | 6,591 | 4,166 | * | * | * | 11,978 | 4,710 | 7,268 | 1,494 | * | 914 |
| Gambela Region | 9,661 | 5,671 | 3,989 | 1,755 | 964 | 791 | 20,443 | 6,866 | 13,577 | * | * | 7,942 |
| Angnuwak | 2,348 | 1,517 | * | 720 | * | 398 | 4,653 | 1,704 | 2,949 | 165 | * | * |
| Nuware | 2,388 | 1,566 | 822 | * | * | * | 10,837 | 3,609 | 7,228 | * | * | * |
| Mezhenger | 3,817 | 1,889 | 1,928 | 511 | 295 | 216 | 1,626 | 474 | 1,152 | 421 | * | * |
| Itang Special | 1,107 | 699 | 409 | 197 | 124 | 73 | 3,327 | 1,079 | 2,248 | 1,172 | 371 | 802 |
| Harari | 3,474 | 2,336 | 1,138 | 167 | 142 | * | 2,305 | 787 | 1,517 | 476 | 173 | 303 |
| Hundene | 3,474 | 2,336 | 1,138 | 167 | 142 | * | 2,305 | 787 | 1,517 | 476 | 173 | 303 |
| Dire Dawa | 2,191 | 1,780 | 412 | 120 | * | * | 2,949 | 1,126 | 1,824 | 395 | * | 334 |

b. Sheep

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|-------------------|-----------------|-----------|-----------|----------------------|-----------|---------|------------------|-----------|-----------|-----------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 5,398,971 | 2,804,599 | 2,594,372 | 3,018,617 | 2,250,842 | 767,775 | 5,840,020 | 1,878,439 | 3,961,581 | 243,231 | 63,136 | 180,095 |
| Tigray | 285,824 | 154,320 | 131,504 | 164,633 | 128,849 | 35,784 | 378,284 | 102,669 | 275,615 | 7,601 | 2,545 | 5,056 |
| North West Tigray | 11,037 | 6,175 | 4,862 | 6,865 | 4,162 | 2,703 | 14,957 | 3,660 | 11,297 | * | * | * |
| Central Tigray | 40,160 | 22,431 | 17,729 | 26,459 | 20,632 | 5,827 | 63,477 | 18,293 | 45,184 | * | * | * |
| Eastern Tigray | 128,850 | 66,798 | 62,052 | 62,103 | 50,208 | 11,895 | 192,345 | 51,257 | 141,087 | 4,738 | 1,326 | 3,412 |
| Southern Tigray | 96,912 | 53,998 | 42,915 | 57,982 | 46,008 | 11,974 | 94,059 | 25,836 | 68,222 | * | * | * |
| Western Tigray | * | * | * | * | * | * | * | 3,622 | * | - | - | - |
| Afar | 78,066 | 49,743 | 28,323 | 28,399 | 19,170 | 9,230 | 137,185 | 47,972 | 89,213 | 4,708 | 1,510 | 3,198 |
| Zone 1 | 50,262 | 31,920 | 18,342 | 17,923 | 11,555 | 6,368 | 73,213 | 20,985 | 52,228 | 2,267 | 827 | 1,440 |
| Zone 3 | 27,805 | 17,823 | 9,981 | * | 7,615 | * | 63,972 | 26,987 | 36,985 | * | 683 | * |
| Amhara | 2,161,594 | 1,085,396 | 1,076,198 | 1,717,077 | 1,275,370 | 441,707 | 2,208,253 | 685,904 | 1,522,349 | 62,196 | 10,946 | 51,250 |
| North Gonder | 264,314 | 129,827 | 134,487 | 205,408 | 172,269 | 33,139 | 336,461 | 91,951 | 244,510 | * | * | * |
| South Gonder | 220,433 | 105,419 | 115,014 | 142,609 | 95,966 | 46,643 | 183,183 | 56,405 | 126,778 | * | * | * |
| North Wolo | 179,210 | 85,865 | 93,345 | 227,608 | 163,527 | 64,081 | 192,450 | 59,691 | 132,759 | 14,682 | 1,855 | * |
| South Wolo | 646,581 | 338,504 | 308,077 | 223,162 | 133,273 | 89,889 | 499,271 | 170,749 | 328,521 | 22,431 | * | 19,610 |
| North Shewa | 182,334 | 88,805 | 93,530 | 125,811 | 101,338 | 24,473 | 330,918 | 114,368 | 216,549 | 8,902 | * | 7,402 |
| East Gojam | 310,201 | 150,441 | 159,760 | 371,868 | 280,186 | 91,682 | 314,431 | 74,252 | 240,179 | * | * | * |
| West Gojam | 246,839 | 126,753 | 120,086 | 256,872 | 205,426 | 51,446 | 197,575 | 66,690 | 130,884 | * | * | * |
| Waghamera | 24,224 | 11,495 | 12,730 | 13,965 | 11,991 | 1,974 | 59,552 | 19,505 | 40,046 | * | - | * |
| Awi | 75,786 | 42,278 | 33,508 | 146,488 | 108,705 | 37,783 | 87,945 | 30,362 | 57,583 | * | * | * |
| Oromia | 11,504 | 5,914 | 5,590 | 3,143 | 2,590 | * | 6,331 | 1,850 | 4,481 | * | * | - |
| Argoba Special | 165 | 95 | 71 | 144 | 100 | * | 138 | 80 | * | - | - | - |
| Oromia | 2,165,994 | 1,158,137 | 1,007,857 | 819,927 | 606,123 | 213,804 | 2,288,237 | 761,044 | 1,527,193 | 107,285 | 36,830 | 70,455 |
| West Wellega | 50,767 | 18,346 | 32,421 | 9,976 | 6,727 | 3,249 | 97,500 | 39,160 | 58,340 | * | * | * |
| East Wellega | 59,957 | 29,844 | 30,113 | 6,297 | 5,007 | 1,289 | 89,401 | 32,190 | 57,210 | * | * | * |
| Illubabor | 69,315 | 33,459 | 35,855 | 25,741 | 19,341 | 6,400 | 119,726 | 40,041 | 79,685 | 3,547 | * | 2,171 |
| Jimma | 142,553 | 72,073 | 70,481 | 45,280 | 29,993 | 15,287 | 219,165 | 69,091 | 150,073 | 26,955 | 4,975 | 21,980 |
| West Shewa | 238,902 | 125,560 | 113,343 | 84,077 | 69,226 | 14,851 | 316,541 | 99,460 | 217,081 | 10,331 | * | 9,038 |
| North Shewa | 297,705 | 186,487 | 111,217 | 316,546 | 213,217 | 103,330 | 304,120 | 99,541 | 204,578 | * | * | * |
| East Shewa | 145,918 | 94,574 | 51,344 | 50,915 | 42,406 | 8,509 | 143,279 | 48,684 | 94,596 | * | * | * |
| Arsi | 480,580 | 247,623 | 232,957 | 101,383 | 75,588 | 25,795 | 319,612 | 101,295 | 218,317 | 7,255 | * | 4,782 |
| West Harerghe | 49,141 | 20,919 | 28,221 | 8,259 | 7,116 | * | 35,986 | 13,496 | 22,491 | 5,755 | * | 4,327 |
| East Harerghe | 51,470 | 25,051 | 26,419 | 12,014 | 11,134 | * | 48,140 | 12,929 | 35,210 | 4,081 | * | 3,675 |
| Bale | 45,531 | 24,420 | 21,111 | 12,281 | 8,056 | 4,224 | 66,178 | 25,440 | 40,738 | 4,180 | * | 3,371 |
| Borena | 28,760 | 14,545 | 14,215 | 14,139 | 12,035 | 2,104 | 44,990 | 18,107 | 26,882 | * | * | * |
| South West Shewa | 83,823 | 47,362 | 36,461 | 47,633 | 37,808 | 9,825 | 70,803 | 21,326 | 49,477 | 2,174 | * | 1,376 |
| Guji | 83,666 | 45,370 | 38,296 | 16,248 | 13,496 | * | 65,480 | 22,799 | 42,680 | 2,765 | - | 2,765 |
| West Arsi | 247,837 | 132,223 | 115,614 | 37,908 | 29,496 | 8,412 | 211,916 | 68,720 | 143,197 | 8,112 | 1,611 | 6,501 |
| Kelem Wellega | 53,471 | 21,539 | 31,932 | 8,368 | 6,251 | 2,118 | 56,533 | 23,840 | 32,693 | * | * | * |
| Horoguduru | | | | | | | | | | | | |
| Wellega | 36,599 | 18,742 | 17,857 | 22,860 | 19,225 | 3,635 | 78,870 | 24,924 | 53,945 | * | - | * |

TABLE 3-20 – b CONT'D

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|-------------------------|-----------------|---------|---------|----------------------|---------|--------|------------------|---------|---------|-----------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 123,029 | 91,824 | 31,205 | 44,322 | 34,681 | 9,641 | 97,780 | 38,535 | 59,245 | 6,210 | 2,416 | 3,794 |
| Shinele | 22,169 | 16,271 | 5,898 | 9,512 | 7,749 | * | 31,245 | 12,436 | 18,809 | 1,880 | 558 | 1,322 |
| Jijiga | 84,532 | 65,056 | 19,476 | 19,128 | 15,351 | 3,777 | 41,556 | 17,907 | 23,648 | * | * | * |
| Liben | 16,328 | 10,497 | 5,831 | 15,681 | 11,581 | 4,100 | 24,980 | 8,192 | 16,788 | * | * | * |
| Benshangul-Gumuz | 17,492 | 7,939 | 9,553 | 11,861 | 9,301 | 2,561 | 27,163 | 9,819 | 17,344 | 369 | 110 | 259 |
| Metekel | 8,820 | 4,971 | 3,850 | 8,920 | 7,199 | 1,721 | 9,574 | 3,289 | 6,284 | 197 | 64 | 134 |
| Asosa | 4,968 | 1,375 | 3,593 | 2,168 | 1,405 | 763 | 9,943 | 3,505 | 6,438 | * | - | * |
| Kemeshi | 755 | 349 | 406 | 353 | 353 | - | 3,514 | 1,369 | 2,144 | * | * | - |
| Pwae Special | 745 | 287 | 458 | 239 | 204 | * | 418 | 150 | 268 | - | - | - |
| Mao Komo | 2,203 | 958 | 1,245 | 181 | 139 | * | 3,714 | 1,505 | 2,209 | * | * | * |
| SNNP | 558,192 | 251,164 | 307,028 | 224,898 | 171,553 | 53,345 | 681,127 | 225,954 | 455,172 | 53,149 | 8,214 | 44,936 |
| Gurage | 47,947 | 19,126 | 28,821 | 41,701 | 33,034 | 8,668 | 63,481 | 19,651 | 43,830 | 1,743 | * | 1,451 |
| Hadiya | 44,077 | 17,038 | 27,039 | 11,027 | 6,298 | 4,729 | 53,610 | 15,037 | 38,573 | 8,175 | * | 7,619 |
| Kembata Tembaro | 20,344 | 9,342 | 11,002 | 4,041 | 2,843 | 1,198 | 20,740 | 6,910 | 13,830 | 4,529 | * | 4,117 |
| Sidama | 103,942 | 36,066 | 67,875 | 9,861 | 7,471 | 2,390 | 54,325 | 18,588 | 35,737 | * | * | - |
| Gedio | 46,140 | 20,944 | 25,196 | 17,329 | 15,943 | 1,387 | 24,647 | 9,381 | 15,266 | * | * | * |
| Wolayita | 34,361 | 16,158 | 18,202 | 1,323 | 1,323 | - | 26,849 | 8,527 | 18,322 | * | * | 3,099 |
| South Omo | 19,189 | 9,467 | 9,722 | 11,918 | 9,245 | 2,673 | 39,513 | 13,207 | 26,305 | 4,411 | * | 3,521 |
| Shaka | 15,871 | 7,642 | 8,229 | 16,696 | 11,757 | 4,939 | 15,436 | 6,281 | 9,154 | 1,608 | * | 1,451 |
| Kaffa | 78,264 | 40,837 | 37,427 | 51,857 | 40,035 | 11,823 | 132,364 | 43,696 | 88,669 | 7,909 | * | 7,459 |
| Gamo Gofa | 36,039 | 13,462 | 22,578 | 7,657 | 5,635 | 2,021 | 53,242 | 12,764 | 40,479 | 3,188 | - | 3,188 |
| Bench Maji | 31,118 | 17,408 | 13,711 | * | 12,310 | * | 49,645 | 17,519 | 32,126 | 4,742 | 1,228 | 3,514 |
| Yem Sp. Wereda | 5,139 | 2,331 | 2,808 | 726 | 372 | 354 | 9,552 | 2,604 | 6,948 | 564 | - | 564 |
| Amaro Sp. Wereda | 2,764 | 2,039 | 726 | 1,300 | 1,061 | * | 4,108 | 1,544 | 2,564 | * | * | * |
| Burji Sp. Wereda | 203 | 126 | * | 105 | 76 | * | 794 | 394 | 400 | * | * | - |
| Konso Sp. Wereda | 6,528 | 4,820 | 1,708 | 3,151 | 3,077 | * | 22,731 | 7,489 | 15,242 | 841 | - | 841 |
| Derashe Sp. Wereda | * | * | * | * | * | * | 5,177 | 1,499 | 3,679 | * | - | * |
| Dawro | 18,813 | 10,982 | 7,831 | 2,858 | * | 534 | 24,219 | 11,893 | 12,326 | - | - | - |
| Basketo Sp. Wereda | 2,082 | 960 | 1,122 | 932 | 544 | 388 | 3,398 | 958 | 2,440 | 375 | - | 375 |
| Konta Sp. Wereda | 2,282 | 1,511 | 771 | 189 | 122 | * | 4,956 | 2,352 | 2,604 | * | * | * |
| Silte | 32,249 | 15,847 | 16,402 | 19,111 | 15,135 | 3,976 | 55,582 | 20,094 | 35,487 | 6,207 | 678 | 5,529 |
| Alaba Sp. Wereda | 9,255 | 4,139 | 5,116 | 3,301 | 2,770 | 531 | 16,758 | 5,566 | 11,192 | * | * | * |
| Gambela Region | 2,512 | 1,363 | 1,149 | 4,578 | 3,339 | 1,239 | 5,778 | 2,110 | 3,668 | * | * | * |
| Angnuwak | * | * | * | * | * | - | * | * | * | * | * | - |
| Nuware | 288 | 255 | * | * | * | - | 3,572 | 1,382 | 2,190 | * | * | * |
| Mezhenger | 1,870 | 900 | 970 | 4,325 | 3,121 | 1,204 | 1,547 | 483 | 1,064 | * | - | * |
| Itang Special | 133 | 50 | 83 | 146 | 111 | * | 524 | 189 | 335 | * | * | * |
| Harari | 928 | 518 | 410 | 277 | 252 | * | 771 | 395 | 375 | * | * | - |
| Hundene | 928 | 518 | 410 | 277 | 252 | * | 771 | 395 | 375 | * | * | - |
| Dire Dawa | 5,338 | 4,195 | 1,145 | 2,644 | 2,205 | 440 | 15,443 | 4,037 | 11,406 | 1,115 | 435 | 680 |

c. Goats

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|-------------------|-----------------|-----------|-----------|----------------------|-----------|---------|------------------|-----------|-----------|-----------|--------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 3,394,361 | 1,891,041 | 1,503,320 | 1,741,473 | 1,244,114 | 497,359 | 4,959,093 | 1,791,656 | 3,167,436 | 196,718 | 60,819 | 135,899 |
| Tigray | 587,733 | 391,846 | 195,887 | 309,581 | 218,318 | 91,263 | 689,036 | 214,033 | 475,003 | 9,066 | 2,082 | 6,984 |
| North West Tigray | 136,864 | 82,972 | 53,892 | 101,252 | 74,565 | 26,687 | 188,369 | 55,176 | 133,193 | 2,284 | * | 1,493 |
| Central Tigray | 134,184 | 75,935 | 58,249 | 93,114 | 65,819 | 27,295 | 236,386 | 74,050 | 162,336 | 3,609 | * | * |
| Eastern Tigray | 33,655 | 14,953 | 18,702 | 22,077 | 17,948 | 4,130 | 63,476 | 19,996 | 43,480 | * | * | * |
| Southern Tigray | * | * | 52,862 | 51,816 | 31,442 | 20,374 | 120,289 | 36,893 | 83,395 | 1,225 | * | * |
| Western Tigray | 25,355 | 13,174 | 12,182 | 41,322 | 28,544 | 12,777 | 80,517 | 27,919 | 52,598 | * | * | * |
| Afar | 118,341 | 75,099 | 43,242 | 50,107 | 35,250 | 14,857 | 203,985 | 64,680 | 139,305 | 6,908 | 2,081 | 4,827 |
| Zone 1 | 80,148 | 50,611 | 29,536 | 31,188 | 21,420 | 9,768 | 113,870 | 29,105 | 84,765 | 4,814 | 1,166 | 3,647 |
| Zone 3 | 38,193 | 24,487 | 13,706 | 18,919 | 13,830 | 5,089 | 90,115 | 35,575 | 54,540 | 2,094 | 914 | 1,180 |
| Amhara | 1,107,679 | 533,557 | 574,122 | 751,711 | 525,318 | 226,394 | 1,475,529 | 553,945 | 921,584 | 19,816 | 6,694 | 13,121 |
| North Gonder | 261,470 | 126,556 | 134,914 | 184,433 | 137,415 | 47,018 | 386,555 | 140,995 | 245,560 | * | * | * |
| South Gonder | 148,892 | 65,518 | 83,373 | 138,285 | 96,687 | 41,598 | 213,351 | 79,150 | 134,201 | * | * | * |
| North Wolo | 122,250 | 58,200 | 64,050 | 76,371 | 53,451 | 22,920 | 103,004 | 33,851 | 69,153 | * | * | * |
| South Wolo | 137,444 | 67,917 | 69,527 | 79,367 | 49,128 | 30,239 | 113,138 | 47,183 | 65,955 | * | * | * |
| North Shewa | 80,960 | 40,127 | 40,833 | 65,044 | 43,700 | 21,345 | 214,698 | 96,177 | 118,521 | 2,438 | * | * |
| East Gojam | 95,234 | 45,055 | 50,179 | 92,804 | 64,950 | 27,855 | 144,450 | 45,854 | 98,596 | * | * | * |
| West Gojam | 94,359 | 50,925 | 43,434 | 42,479 | 26,662 | 15,817 | 79,668 | 30,085 | 49,582 | - | - | - |
| Waghamera | 72,084 | 37,401 | 34,683 | 28,232 | 21,919 | 6,313 | 153,976 | 52,954 | 101,021 | * | * | * |
| Awi | 19,662 | 10,373 | 9,289 | 22,138 | 14,996 | 7,143 | 17,874 | 8,351 | 9,524 | - | - | - |
| Oromia | 67,464 | 28,088 | 39,376 | 21,444 | 15,808 | 5,636 | 45,567 | 17,765 | 27,802 | * | * | * |
| Argoba Special | 7,860 | 3,397 | 4,463 | 1,113 | 603 | 510 | 3,249 | 1,581 | 1,668 | * | * | 197 |
| Oromia | 1,119,539 | 614,341 | 505,198 | 408,463 | 303,246 | 105,217 | 1,848,267 | 692,056 | 1,156,211 | 119,214 | 35,006 | 84,207 |
| West Wellega | 17,000 | 8,728 | 8,272 | 2,924 | 2,713 | * | 31,168 | 15,524 | 15,644 | * | * | * |
| East Wellega | 24,465 | 10,430 | 14,035 | 18,224 | 13,444 | 4,780 | 52,145 | 19,431 | 32,715 | * | * | - |
| Illubabor | 24,886 | 9,678 | 15,208 | 11,480 | 9,200 | 2,281 | 50,417 | 19,440 | 30,977 | * | * | * |
| Jimma | 18,071 | 6,401 | 11,670 | 26,334 | * | 5,911 | 69,539 | 29,335 | 40,204 | 7,634 | * | 6,947 |
| West Shewa | 48,433 | 22,756 | 25,677 | 28,710 | 17,006 | 11,704 | 125,525 | 53,236 | 72,289 | * | * | * |
| North Shewa | 21,829 | 10,066 | 11,764 | 47,170 | 33,286 | 13,884 | 51,141 | 17,606 | 33,535 | * | * | * |
| East Shewa | 159,183 | * | 52,653 | 54,437 | 44,794 | 9,643 | 148,404 | 57,280 | 91,124 | * | * | * |
| Arsi | 123,705 | 73,850 | 49,855 | 17,961 | 13,112 | 4,849 | 167,093 | 62,336 | 104,757 | 14,672 | 6,388 | 8,284 |
| West Harerghe | 211,916 | 114,748 | 97,168 | 48,929 | 38,686 | 10,243 | 251,470 | 87,581 | 163,889 | 17,549 | 4,009 | 13,540 |
| East Harerghe | 138,663 | 70,188 | 68,475 | 22,845 | 16,088 | 6,757 | 205,023 | 76,633 | 128,389 | 20,362 | 5,700 | 14,662 |
| Bale | 89,524 | 55,029 | 34,495 | 36,570 | 27,024 | 9,547 | 228,803 | 80,945 | 147,858 | 22,709 | 6,517 | 16,192 |
| Borena | 82,644 | 43,001 | 39,643 | 30,124 | 22,350 | 7,773 | 126,157 | 40,396 | 85,761 | 15,038 | * | 11,840 |
| South West Shewa | 28,843 | 12,181 | 16,662 | 20,588 | 13,617 | 6,971 | 39,370 | 16,580 | 22,790 | * | - | * |
| Guji | 47,508 | 28,824 | 18,685 | 18,029 | 13,082 | 4,947 | 147,419 | 53,672 | 93,747 | * | * | * |
| West Arsi | 49,566 | 25,843 | 23,723 | 8,538 | 6,797 | 1,741 | 77,322 | 29,893 | 47,429 | 1,520 | 1,237 | * |
| Kelem Wellega | 21,253 | 10,259 | 10,994 | 4,976 | 4,178 | 798 | 36,425 | 16,817 | 19,608 | * | * | * |
| Horoguduru | | | | | | | | | | | | |
| Wellega | 12,050 | 5,830 | 6,219 | 10,622 | 7,446 | 3,176 | 40,846 | 15,350 | 25,496 | * | * | * |

TABLE 3-20 – c CONT'D

| Geographic Area | Number of Sales | | | Number of Slaughters | | | Number of Deaths | | | Offerings | | |
|-------------------------|-----------------|---------|---------|----------------------|--------|--------|------------------|---------|---------|-----------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | 168,628 | 123,082 | 45,546 | 67,260 | 51,224 | 16,037 | 107,547 | 40,836 | 66,711 | 9,590 | 3,620 | 5,970 |
| Shinele | 49,966 | 34,997 | 14,968 | 21,643 | 15,078 | 6,565 | 49,023 | 19,355 | 29,668 | 3,799 | * | 2,997 |
| Jijiga | 78,201 | 59,628 | 18,573 | 12,241 | 9,878 | 2,362 | 20,762 | 9,563 | 11,199 | 3,295 | * | 1,514 |
| Liben | 40,462 | 28,456 | 12,005 | 33,376 | 26,267 | 7,109 | 37,762 | 11,918 | 25,844 | 2,496 | 1,037 | 1,459 |
| Benshangul-Gumuz | 63,942 | 32,008 | 31,935 | 50,990 | 33,279 | 17,711 | 167,938 | 60,051 | 107,887 | 3,771 | 1,195 | 2,577 |
| Metekel | 24,350 | 13,538 | 10,812 | 27,803 | 19,398 | 8,405 | 46,097 | 18,440 | 27,657 | 2,064 | 686 | 1,377 |
| Asosa | 29,421 | 13,744 | 15,677 | 19,416 | 11,711 | 7,706 | 94,088 | 31,401 | 62,687 | 1,614 | * | 1,180 |
| Kemeshi | 7,013 | 3,441 | 3,572 | 2,882 | 1,637 | 1,246 | 20,670 | 7,828 | 12,842 | * | * | - |
| Pwae Special | 666 | 238 | 428 | 413 | 267 | 147 | 964 | 341 | 623 | * | - | * |
| Mao Komo | 2,491 | 1,046 | 1,445 | 475 | 266 | 209 | 6,120 | 2,041 | 4,079 | * | * | - |
| SNNP | 210,849 | 110,315 | 100,534 | 95,835 | 71,652 | 24,183 | 422,727 | 152,909 | 269,819 | 24,780 | 9,190 | 15,589 |
| Gurage | 12,305 | 5,243 | 7,062 | 6,973 | 5,561 | 1,412 | 20,283 | 7,065 | 13,218 | * | * | * |
| Hadiya | 13,247 | 5,358 | 7,888 | 7,978 | 5,456 | 2,522 | 22,617 | 9,205 | 13,412 | * | * | * |
| Kembata Tembaro | 5,935 | 2,648 | 3,288 | 4,464 | 2,392 | 2,072 | 7,364 | 2,064 | 5,300 | * | - | * |
| Sidama | 29,454 | 8,018 | 21,436 | 8,456 | 5,026 | 3,431 | 24,303 | 5,387 | 18,916 | * | - | * |
| Gedio | 2,259 | * | 1,122 | 853 | 853 | - | * | * | * | - | - | - |
| Wolayita | 14,686 | 6,497 | 8,189 | 1,396 | 1,396 | - | 9,391 | 4,325 | 5,066 | * | - | * |
| South Omo | * | * | * | 20,876 | * | 4,125 | 107,839 | 43,500 | 64,339 | * | * | 3,304 |
| Shaka | 1,074 | 648 | 427 | 2,855 | 2,292 | 563 | 2,336 | 963 | 1,373 | * | * | * |
| Kaffa | 16,554 | 9,367 | 7,187 | 14,469 | 10,539 | 3,930 | 40,214 | 15,565 | 24,649 | 2,117 | * | 1,611 |
| Gamo Gofa | 23,698 | 12,370 | 11,328 | 3,075 | 2,557 | * | 47,580 | 14,945 | 32,635 | * | - | * |
| Bench Maji | 13,938 | * | * | 3,891 | 2,996 | * | * | * | 5,164 | * | * | * |
| Yem Sp. Wereda | 3,363 | 1,392 | 1,971 | 441 | 259 | 183 | 3,963 | 1,450 | 2,513 | 279 | - | 279 |
| Amaro Sp. Wereda | 3,109 | 1,622 | 1,486 | 1,678 | 1,213 | 465 | 15,125 | 5,045 | 10,080 | * | * | * |
| Burji Sp. Wereda | 1,439 | 655 | 783 | 1,020 | 803 | 217 | 7,639 | 3,113 | 4,526 | 201 | 110 | * |
| Konso Sp. Wereda | 11,646 | 7,497 | 4,150 | 6,059 | 5,326 | 733 | 47,316 | 14,847 | 32,469 | * | * | * |
| Derashe Sp. Wereda | 3,112 | 1,819 | 1,293 | 1,707 | 1,172 | 535 | 18,446 | 7,164 | 11,282 | 572 | * | 447 |
| Dawro | 2,243 | 1,468 | 775 | * | * | * | 7,130 | 3,615 | 3,515 | * | * | * |
| Basketo Sp. Wereda | 463 | * | 289 | * | * | * | 1,287 | 394 | 893 | * | * | * |
| Konta Sp. Wereda | 671 | 450 | * | 344 | 187 | 157 | 2,974 | 1,220 | 1,754 | * | * | * |
| Silte | 6,424 | 1,823 | 4,601 | 3,962 | 2,725 | 1,237 | 9,142 | 2,461 | 6,681 | * | * | * |
| Alaba Sp. Wereda | 7,432 | 3,847 | 3,585 | 4,592 | 3,546 | 1,046 | 16,048 | 5,375 | 10,673 | * | * | * |
| Gambela Region | 2,031 | 920 | 1,111 | 1,124 | 691 | 432 | 7,912 | 3,057 | 4,855 | * | * | * |
| Angnuwak | 1,113 | 393 | 720 | * | 257 | * | 3,236 | 1,209 | 2,027 | * | * | - |
| Nuware | 498 | 292 | 207 | * | * | * | 3,190 | 1,372 | 1,818 | * | * | * |
| Mezhenger | 233 | * | * | 280 | 233 | * | 147 | * | * | * | * | * |
| Itang Special | 187 | 95 | 92 | 236 | 136 | 101 | 1,338 | 404 | 935 | * | * | - |
| Harari | 2,952 | 1,492 | 1,460 | 2,018 | 1,746 | 272 | 7,823 | 2,703 | 5,120 | 311 | * | 285 |
| Hundene | 2,952 | 1,492 | 1,460 | 2,018 | 1,746 | 272 | 7,823 | 2,703 | 5,120 | 311 | * | 285 |
| Dire Dawa | 12,667 | 8,381 | 4,286 | 4,384 | 3,390 | 993 | 28,328 | 7,386 | 20,942 | 2,976 | 818 | 2,158 |

d. Horses

| Geographic Area | Number of Sales | | | Number of Deaths | | | Offerings | | |
|--------------------|-----------------|--------|--------|------------------|--------|--------|-----------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 125,079 | 70,551 | 54,528 | 140,070 | 67,729 | 72,341 | 9,281 | * | 6,405 |
| Tigray | 4,992 | 3,122 | 1,871 | 2,209 | 773 | 1,435 | - | - | - |
| North West Tigray | * | * | * | * | - | * | - | - | - |
| Central Tigray | 2,493 | 1,879 | * | * | * | * | - | - | - |
| Eastern Tigray | - | - | - | - | - | - | - | - | - |
| Southern Tigray | * | * | 1,105 | * | * | * | - | - | - |
| Western Tigray | * | * | - | * | * | - | - | - | - |
| Afar | * | 460 | * | * | * | * | - | - | - |
| Zone 1 | * | * | * | * | * | * | - | - | - |
| Zone 3 | * | * | - | * | - | * | - | - | - |
| Amhara | 27,652 | 13,445 | 14,207 | 21,458 | 10,471 | 10,987 | * | - | * |
| North Gonder | 6,650 | 2,664 | 3,985 | 4,228 | 2,997 | * | * | - | * |
| South Gonder | * | * | * | 2,296 | * | * | - | - | - |
| North Wolo | * | 2,385 | * | * | * | * | * | - | * |
| South Wolo | 9,507 | 3,624 | 5,883 | 3,210 | * | * | * | - | * |
| North Shewa | * | * | * | * | * | * | - | - | - |
| East Gojam | * | * | * | 2,927 | 1,261 | * | - | - | - |
| West Gojam | * | * | * | * | * | - | - | - | - |
| Waghamera | - | - | - | - | - | - | - | - | - |
| Awi | 1,605 | 1,258 | * | 3,582 | 1,953 | 1,628 | - | - | - |
| Oromia | * | - | * | * | * | * | - | - | - |
| Argoba Special | * | * | * | - | - | - | - | - | - |
| Oromia | 69,976 | 40,571 | 29,405 | 91,313 | 43,636 | 47,677 | 5,221 | * | 2,503 |
| West Wellega | * | - | * | * | * | * | - | - | - |
| East Wellega | * | * | - | * | - | * | - | - | - |
| Illubabor | * | * | * | 8,672 | 3,393 | 5,279 | - | - | - |
| Jimma | 4,826 | 3,339 | 1,487 | 6,708 | * | * | * | * | * |
| West Shewa | 10,416 | 8,323 | 2,094 | 12,328 | 6,768 | 5,559 | * | - | * |
| North Shewa | 7,667 | 5,436 | * | 3,753 | 1,664 | 2,089 | * | * | * |
| East Shewa | * | * | - | * | * | * | - | - | - |
| Arsi | 18,372 | 9,089 | 9,283 | 14,658 | 5,553 | 9,104 | * | - | * |
| West Harerghe | * | * | * | - | - | - | - | - | - |
| East Harerghe | * | - | * | * | * | * | - | - | - |
| Bale | 2,738 | 2,334 | * | 4,403 | 3,574 | * | - | - | - |
| Borena | * | * | * | * | - | * | - | - | - |
| South West Shewa | 1,909 | 1,742 | * | 4,107 | 1,794 | 2,313 | * | * | * |
| Guji | 7,079 | 3,066 | 4,013 | 11,085 | 6,443 | 4,642 | - | - | - |
| West Arsi | 8,226 | 4,397 | 3,829 | 14,493 | 6,113 | 8,380 | * | - | * |
| Kelem Wellega | * | * | - | * | * | * | - | - | - |
| Horogoduru Wellega | 1,365 | * | 997 | 3,844 | 1,484 | 2,360 | - | - | - |

e. Donkeys

| Geographic Area | Number of Sales | | | Number of Deaths | | | Offerings | | |
|--------------------|-----------------|---------|---------|------------------|---------|---------|-----------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 271,271 | 157,203 | 114,067 | 343,756 | 168,025 | 175,731 | 10,303 | 3,057 | 7,246 |
| Tigray | 33,541 | 22,037 | 11,503 | 33,586 | 14,627 | 18,959 | * | * | - |
| North West Tigray | 2,549 | 1,391 | 1,159 | 1,537 | * | 1,253 | * | * | - |
| Central Tigray | 5,007 | 2,728 | 2,279 | 4,845 | 2,276 | 2,569 | - | - | - |
| Eastern Tigray | 6,888 | 5,083 | 1,805 | 5,491 | 4,016 | 1,476 | - | - | - |
| Southern Tigray | 18,191 | 11,931 | 6,261 | 19,392 | 6,186 | * | - | - | - |
| Western Tigray | 904 | 904 | - | 2,321 | 1,865 | * | - | - | - |
| Afar | 486 | 242 | 244 | 1,809 | 442 | 1,367 | * | * | * |
| Zone 1 | 400 | * | * | * | * | * | - | - | - |
| Zone 3 | * | * | * | 542 | * | 399 | * | * | * |
| Amhara | 126,912 | 70,542 | 56,370 | 120,232 | 58,735 | 61,497 | 1,477 | * | 1,188 |
| North Gonder | 15,770 | 10,542 | 5,229 | 23,545 | 13,415 | 10,130 | - | - | - |
| South Gonder | 11,262 | 4,739 | 6,523 | 11,364 | 4,901 | 6,464 | - | - | - |
| North Wolo | 26,578 | 14,330 | 12,248 | 11,082 | 5,152 | 5,930 | * | * | * |
| South Wolo | 26,329 | 14,457 | 11,872 | 8,183 | 4,346 | 3,838 | - | - | - |
| North Shewa | 16,736 | 10,536 | 6,200 | 22,542 | 10,462 | 12,080 | * | - | * |
| East Gojam | 13,022 | 6,648 | 6,375 | 13,327 | 4,290 | 9,037 | - | - | - |
| West Gojam | 11,126 | 4,819 | 6,307 | 21,567 | * | 10,687 | - | - | - |
| Waghamera | 2,034 | 1,414 | 619 | 4,215 | 2,453 | 1,762 | - | - | - |
| Awi | 2,201 | 2,201 | - | 3,937 | * | 1,265 | - | - | - |
| Oromia | 1,670 | 775 | 895 | * | * | * | * | - | * |
| Argoba Special | 182 | 81 | 102 | 81 | * | * | - | - | - |
| Oromia | 85,839 | 47,494 | 38,346 | 141,771 | 68,093 | 73,678 | 7,193 | 2,331 | 4,862 |
| West Wellega | 4,885 | 3,085 | 1,800 | 11,069 | 3,380 | 7,689 | - | - | - |
| East Wellega | 1,748 | 1,170 | * | 12,321 | 7,810 | 4,511 | - | - | - |
| Illubabor | * | - | * | 1,516 | * | * | - | - | - |
| Jimma | 4,804 | 4,013 | * | 4,503 | 4,503 | - | - | - | - |
| West Shewa | 6,140 | * | 2,927 | 8,179 | 4,666 | 3,514 | * | - | * |
| North Shewa | 9,108 | 5,118 | 3,989 | 7,574 | 2,533 | 5,041 | - | - | - |
| East Shewa | 4,339 | 2,287 | 2,052 | 14,901 | 7,541 | 7,360 | - | - | - |
| Arsi | 13,695 | 8,381 | 5,314 | 12,855 | 6,328 | 6,527 | * | * | * |
| West Harerghe | 10,924 | 6,627 | 4,298 | 7,056 | 3,497 | 3,559 | 3,242 | * | 1,817 |
| East Harerghe | 6,611 | 1,860 | 4,751 | 14,130 | 7,115 | 7,015 | * | - | * |
| Bale | 5,154 | 2,893 | 2,261 | 16,567 | 7,523 | 9,044 | * | * | * |
| Borena | * | * | * | 2,689 | * | 2,055 | * | - | * |
| South West Shewa | 4,564 | 1,738 | 2,826 | 7,702 | 3,326 | 4,377 | - | - | - |
| Guji | * | * | * | 3,652 | 1,610 | * | - | - | - |
| West Arsi | 7,401 | 3,605 | 3,797 | 8,639 | 2,883 | 5,756 | * | * | * |
| Kelem Wellega | 2,928 | 1,985 | 943 | 2,461 | 1,359 | 1,102 | - | - | - |
| Horoguduru Wellega | 1,599 | 844 | 754 | 5,958 | 2,339 | 3,619 | - | - | - |

TABLE 3-20 – e CONT'D

| Geographic Area | Number of Sales | | | Number of Deaths | | | Offerings | | |
|-------------------------|-----------------|--------|--------|------------------|--------|--------|-----------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Somale | * | * | * | 2,622 | 1,232 | 1,390 | * | - | * |
| Shinele | * | * | - | 553 | 305 | 248 | - | - | - |
| Jijiga | - | - | - | 804 | * | * | - | - | - |
| Liben | * | * | * | 1,265 | 621 | 644 | * | - | * |
| Benshangul-Gumuz | 3,201 | 2,405 | * | 9,556 | 5,907 | 3,649 | * | * | - |
| Metekel | 947 | 881 | 67 | 1,435 | 1,165 | 270 | - | - | - |
| Asosa | 1,792 | 1,086 | * | 6,437 | 3,529 | 2,909 | * | * | - |
| Kemeshi | 312 | 312 | - | 1,378 | 1,028 | * | - | - | - |
| Pawe Special | * | * | - | 49 | * | * | - | - | - |
| Mao Komo | 108 | 84 | * | 257 | 165 | * | - | - | - |
| SNNP | 19,957 | 13,281 | 6,676 | 33,535 | 18,650 | 14,884 | 931 | * | 874 |
| Gurage | 1,753 | 1,518 | * | * | * | * | - | - | - |
| Hadiya | 4,073 | 2,606 | 1,467 | 2,223 | 1,641 | * | * | - | * |
| Kembata Tembaro | 2,301 | 1,969 | * | * | - | * | * | - | * |
| Sidama | 2,351 | * | * | 4,094 | 2,611 | * | - | - | - |
| Gedio | - | - | - | * | * | - | - | - | - |
| Wolayita | 2,486 | 1,806 | * | 1,338 | 886 | * | - | - | - |
| South Omo | * | * | * | * | * | * | - | - | - |
| Shaka | * | * | - | * | * | - | - | - | - |
| Kaffa | - | - | - | * | * | * | - | - | - |
| Gamo Gofa | * | * | * | 2,743 | 1,182 | 1,562 | - | - | - |
| Bench Maji | - | - | - | - | - | - | - | - | - |
| Yem Sp. Wereda | * | * | * | 214 | * | 161 | * | * | * |
| Amaro Sp. Wereda | - | - | - | * | * | - | - | - | - |
| Burji Sp. Wereda | 66 | * | * | 159 | 102 | * | - | - | - |
| Konso Sp. Wereda | * | - | * | * | - | * | - | - | - |
| Derashe Sp. Wereda | * | * | - | 587 | 410 | 177 | - | - | - |
| Dawro | - | - | - | 708 | 621 | * | - | - | - |
| Basketo Sp. Wereda | - | - | - | * | * | - | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - | - | - |
| Silte | 2,123 | 648 | 1,475 | 839 | * | * | * | - | * |
| Alaba Sp. Wereda | 1,591 | 513 | 1,078 | 1,506 | * | 1,090 | * | - | * |
| Gambela Region | - | - | - | - | - | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - |
| Mezhenger | - | - | - | - | - | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - |
| Harari | * | * | - | 287 | 203 | * | * | * | - |
| Hundene | * | * | - | 287 | 203 | * | * | * | - |
| Dire Dawa | * | * | * | 359 | 136 | 223 | 171 | * | * |

f. Mules

| Geographic Area | Number of Sales | | | Number of Deaths | | | Offerings | | |
|--------------------|-----------------|--------|--------|------------------|-------|--------|-----------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Ethiopia | 26,381 | 14,231 | 12,151 | 22,124 | 8,930 | 13,194 | 2,164 | * | 1,401 |
| Tigray | * | * | * | * | * | * | - | - | - |
| North West Tigray | - | - | - | - | - | - | - | - | - |
| Central Tigray | - | - | - | - | - | - | - | - | - |
| Eastern Tigray | - | - | - | - | - | - | - | - | - |
| Southern Tigray | * | * | - | * | * | * | - | - | - |
| Western Tigray | * | * | * | * | * | * | - | - | - |
| Afar | - | - | - | * | * | * | - | - | - |
| Zone 1 | - | - | - | * | * | * | - | - | - |
| Zone 3 | - | - | - | * | * | * | - | - | - |
| Amhara | 15,569 | 8,398 | 7,171 | 3,865 | 1,999 | * | * | * | - |
| North Gonder | * | * | * | * | * | - | - | - | - |
| South Gonder | 2,797 | 1,554 | * | * | * | - | - | - | - |
| North Wolo | 3,505 | 1,059 | 2,447 | - | - | - | * | * | - |
| South Wolo | 5,547 | 3,161 | * | 1,654 | * | * | - | - | - |
| North Shewa | - | - | - | * | - | * | - | - | - |
| East Gojam | * | * | * | - | - | - | - | - | - |
| West Gojam | * | * | * | * | - | * | - | - | - |
| Waghamera | * | * | - | * | * | - | - | - | - |
| Awi | * | * | - | * | * | - | - | - | - |
| Oromia | - | - | - | - | - | - | * | * | - |
| Argoba Special | * | - | * | - | - | - | - | - | - |
| Oromia | 6,616 | 3,253 | 3,363 | 13,846 | 5,373 | 8,473 | 1,432 | * | * |
| West Wellega | - | - | - | * | * | - | - | - | - |
| East Wellega | - | - | - | - | - | - | - | - | - |
| Illubabor | * | * | * | * | * | * | - | - | - |
| Jimma | * | * | * | 4,674 | * | 3,946 | * | - | * |
| West Shewa | - | - | - | 1,977 | * | * | - | - | - |
| North Shewa | - | - | - | * | - | * | - | - | - |
| East Shewa | * | * | - | - | - | - | - | - | - |
| Arsi | * | * | - | 1,541 | * | * | * | - | * |
| West Harerghe | * | - | * | - | - | - | - | - | - |
| East Harerghe | - | - | - | - | - | - | - | - | - |
| Bale | * | * | * | * | * | * | - | - | - |
| Borena | * | * | - | * | * | * | * | - | * |
| South West Shewa | * | - | * | * | * | * | - | - | - |
| Guji | * | * | - | * | - | * | - | - | - |
| West Arsi | * | - | * | - | - | - | - | - | - |
| Kelem Wellega | * | - | * | 756 | * | * | * | * | - |
| Horogoduru 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 |
| Somale | 8,218 | 6,715 | 1,502 | 1,637 | 1,389 | * | 8,929 | 2,639 | 6,290 | 721 | * | 565 |
| Shinele | * | * | * | * | * | - | 245 | * | 166 | - | - | - |
| Jijiga | 602 | 602 | - | * | * | - | * | * | * | - | - | - |
| Liben | 7,478 | 6,001 | 1,477 | 1,439 | 1,191 | * | 7,840 | 2,177 | 5,663 | 721 | * | 565 |
| Benshangul-Gumuz | - | - | - | - | - | - | - | - | - | - | - | - |
| Metekel | - | - | - | - | - | - | - | - | - | - | - | - |
| Asosa | - | - | - | - | - | - | - | - | - | - | - | - |
| Kemeshi | - | - | - | - | - | - | - | - | - | - | - | - |
| Pawe Special | - | - | - | - | - | - | - | - | - | - | - | - |
| Mao Komo | - | - | - | - | - | - | - | - | - | - | - | - |
| SNNP | - | - | - | - | - | - | - | - | - | - | - | - |
| Gurage | - | - | - | - | - | - | - | - | - | - | - | - |
| Hadiya | - | - | - | - | - | - | - | - | - | - | - | - |
| Kembata Tembaro | - | - | - | - | - | - | - | - | - | - | - | - |
| Sidama | - | - | - | - | - | - | - | - | - | - | - | - |
| Gedio | - | - | - | - | - | - | - | - | - | - | - | - |
| Wolayita | - | - | - | - | - | - | - | - | - | - | - | - |
| South Omo | - | - | - | - | - | - | - | - | - | - | - | - |
| Shaka | - | - | - | - | - | - | - | - | - | - | - | - |
| Kaffa | - | - | - | - | - | - | - | - | - | - | - | - |
| Gamo Gofa | - | - | - | - | - | - | - | - | - | - | - | - |
| Bench Maji | - | - | - | - | - | - | - | - | - | - | - | - |
| Yem Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Amaro Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Burji Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Konso Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Derashe Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Dawro | - | - | - | - | - | - | - | - | - | - | - | - |
| Basketo Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Silte | - | - | - | - | - | - | - | - | - | - | - | - |
| Alaba Sp. Wereda | - | - | - | - | - | - | - | - | - | - | - | - |
| Gambela Region | - | - | - | - | - | - | - | - | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - | - | - | - | - | - |
| Mezhenger | - | - | - | - | - | - | - | - | - | - | - | - |
| Itang Special | - | - | - | - | - | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | * | - | * | - | - | - |
| Hundene | - | - | - | - | - | - | * | - | * | - | - | - |
| Dire Dawa | * | * | - | - | - | - | 150 | * | * | - | - | - |

h. Poultry

| Geographic Area | Total Number of Sales | Total Number of Slaughters | Total Number of Deaths | Offerings |
|--------------------|-----------------------|----------------------------|------------------------|-----------|
| Ethiopia | 9,541,166 | 11,427,842 | 34,462,943 | 401,680 |
| Tigray | 1,362,407 | 2,196,437 | 3,247,597 | 85,330 |
| North West Tigray | 329,462 | 674,287 | 980,988 | 35,229 |
| Central Tigray | 399,407 | 647,424 | 793,144 | 23,287 |
| Eastern Tigray | 161,451 | 152,873 | 303,589 | 9,078 |
| Southern Tigray | 398,403 | 427,571 | 560,192 | 14,264 |
| Western Tigray | 73,684 | 294,282 | 609,684 | 3,472 |
| Afar | 9,405 | 19,881 | 29,254 | * |
| Zone 1 | * | - | * | - |
| Zone 3 | 9,224 | 19,881 | 28,816 | * |
| Amhara | 4,021,189 | 5,451,746 | 11,801,719 | 80,741 |
| North Gonder | 935,451 | 1,706,340 | 4,685,921 | 26,483 |
| South Gonder | 391,788 | 772,294 | 1,302,108 | 3,830 |
| North Wolo | 380,156 | 419,909 | 613,699 | 7,896 |
| South Wolo | 515,772 | 489,514 | 803,909 | 11,730 |
| North Shewa | 376,636 | 582,476 | 1,040,998 | 8,656 |
| East Gojam | 184,004 | 145,385 | 441,782 | * |
| West Gojam | 719,190 | 864,710 | 1,818,393 | 11,103 |
| Waghamera | 189,516 | 147,451 | 261,631 | 3,078 |
| Awi | 207,676 | 235,854 | 578,571 | 4,557 |
| Oromia | 108,859 | 78,111 | 232,946 | 1,680 |
| Argoba Special | 12,141 | 9,704 | 21,760 | 220 |
| Oromia | 2,664,337 | 2,476,374 | 11,339,042 | 144,090 |
| West Wellega | 136,484 | 160,982 | 1,189,000 | 7,061 |
| East Wellega | 115,246 | 188,492 | 594,121 | * |
| Illubabor | 129,711 | 211,177 | 945,473 | * |
| Jimma | 172,110 | 165,239 | 990,289 | * |
| West Shewa | 163,819 | 282,894 | 859,032 | 6,190 |
| North Shewa | 110,987 | 99,367 | 213,677 | * |
| East Shewa | 192,524 | 200,847 | 565,341 | 9,549 |
| Arsi | 416,230 | 288,772 | 1,198,782 | 10,001 |
| West Harerghe | 241,859 | 142,688 | 1,040,983 | 19,596 |
| East Harerghe | 175,556 | 24,960 | 706,265 | 22,265 |
| Bale | 158,635 | 96,902 | 417,628 | 6,317 |
| Borena | 99,240 | 62,993 | 300,149 | 3,223 |
| South West Shewa | 94,599 | 142,441 | 431,360 | 2,296 |
| Guji | 139,461 | 59,050 | 510,783 | 2,675 |
| West Arsi | 112,561 | 77,162 | 418,881 | 4,563 |
| Kelem Wellega | 135,353 | 142,822 | 581,482 | 3,676 |
| Horoguduru Wellega | 69,961 | 129,584 | 375,794 | 1,249 |

TABLE 3-20 – h CONT'D

| Geographic Area | Total Number of Sales | Total Number of Slaughters | Total Number of Deaths | Offerings |
|-------------------------|-----------------------|----------------------------|------------------------|-----------|
| Somale | 12,607 | 5,992 | 27,180 | * |
| Shinele | - | - | * | - |
| Jijiga | * | - | * | - |
| Liben | 10,128 | 5,992 | 26,106 | * |
| Benshangul-Gumuz | 176,108 | 260,867 | 1,439,944 | 6,401 |
| Metekel | 79,435 | 149,222 | 369,787 | 2,984 |
| Asosa | 70,166 | 78,592 | 888,074 | 2,966 |
| Kemeshi | 12,460 | 13,213 | 84,655 | * |
| Pawe Special | 5,885 | 10,012 | 32,860 | * |
| Mao Komo | 8,163 | 9,829 | 64,567 | * |
| SNNP | 1,231,994 | 974,551 | 6,283,300 | 77,149 |
| Gurage | 71,329 | * | 321,072 | * |
| Hadiya | 139,398 | 84,534 | 535,467 | 13,074 |
| Kembata Tembaro | 68,084 | 39,942 | 334,493 | 10,568 |
| Sidama | 191,736 | 129,277 | 920,574 | * |
| Gedio | 80,576 | 76,088 | 200,733 | 2,835 |
| Wolayita | 91,853 | 16,124 | 429,414 | * |
| South Omo | 37,842 | 73,366 | 377,674 | 12,245 |
| Shaka | 21,011 | 47,428 | 237,050 | 1,136 |
| Kaffa | 109,487 | 153,439 | 923,868 | 7,644 |
| Gamo Gofa | 93,242 | 69,225 | 660,661 | * |
| Bench Maji | 204,348 | 121,939 | 561,004 | 9,399 |
| Yem Sp. Wereda | 7,603 | 1,392 | 34,327 | 266 |
| Amaro Sp. Wereda | 5,550 | 4,444 | 22,446 | * |
| Burji Sp. Wereda | 6,417 | 4,113 | 21,212 | * |
| Konso Sp. Wereda | 9,582 | 2,416 | 53,625 | * |
| Derashe Sp. Wereda | 11,678 | 7,218 | 70,225 | * |
| Dawro | 17,610 | 1,695 | 101,271 | * |
| Basketo Sp. Wereda | 6,215 | 8,502 | 54,812 | 283 |
| Konta Sp. Wereda | 3,660 | 5,374 | 53,400 | 251 |
| Silte | 35,647 | 39,967 | 244,505 | * |
| Alaba Sp. Wereda | 19,124 | 21,510 | 125,468 | 1,901 |
| Gambela Region | 53,287 | 41,280 | 250,643 | 4,516 |
| Angnuwak | 25,440 | 17,188 | 117,489 | 3,350 |
| Nuware | * | * | * | * |
| Mezhenger | 23,096 | 20,959 | 124,207 | 703 |
| Itang Special | 3,102 | 961 | 5,521 | 35 |
| Harari | 6,294 | 510 | 22,725 | 637 |
| Hundene | 6,294 | 510 | 22,725 | 637 |
| Dire Dawa | 3,538 | * | 21,541 | 1,083 |

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

| Geographic Area | Number of Dairy Cows | Number of Milking Cows | Average Daily Milk Prod. | Average Lactation Period (Months) | Total Milk Production (Lt) | Number of Dairy Camels | Number of Milking Camels | Average Daily Milk Prod. | Average Lactation Period (Months) | Total Milk Production (Lt) |
|--------------------|----------------------|------------------------|--------------------------|-----------------------------------|----------------------------|------------------------|--------------------------|--------------------------|-----------------------------------|----------------------------|
| Ethiopia | 7,198,027 | 9,923,124 | 1.540 | 6 | 3,221,652,407 | 346,494 | * | 4.274 | 10 | 249,933,690 |
| Tigray | 96,509 | 619,254 | 1.289 | 6 | 169,203,317 | - | - | - | * | - |
| North West Tigray | 3,008 | 156,773 | 1.309 | 6 | 43,842,297 | - | - | - | - | - |
| Central Tigray | 47,081 | 123,293 | 1.055 | 6 | 22,694,646 | - | - | - | - | - |
| Eastern Tigray | 6,406 | 85,346 | 1.333 | 6 | 21,052,824 | - | - | - | * | - |
| Southern Tigray | 32,953 | 138,948 | 1.293 | 7 | 44,293,354 | - | - | - | - | - |
| Western Tigray | * | 114,894 | 1.673 | 5 | 37,320,196 | - | - | - | - | - |
| Afar | 95,711 | 97,680 | 2.292 | 6 | 52,271,519 | 35,335 | 32,862 | 5.07 | 10 | 52,055,597 |
| Zone 1 | 64,005 | 59,942 | 2.668 | 6 | 39,142,215 | 19,753 | 17,240 | 5.558 | 11 | 33,389,978 |
| Zone 3 | 31,705 | 37,738 | 1.633 | 6 | 13,129,305 | 15,582 | 15,622 | 4.206 | 10 | 18,665,619 |
| Amhara | 384,088 | 2,007,887 | 1.205 | 6 | 455,746,448 | * | * | * | * | * |
| North Gonder | * | 423,388 | 1.232 | 6 | 97,699,298 | - | - | - | - | - |
| South Gonder | 41,393 | 203,005 | 0.981 | 6 | 35,336,522 | - | - | - | - | - |
| North Wolo | 13,063 | 191,259 | 1.305 | 5 | 43,988,853 | - | - | - | - | - |
| South Wolo | 100,688 | 287,908 | 1.52 | 6 | 76,673,289 | - | - | - | - | - |
| North Shewa | 51,313 | 154,962 | 1.221 | 5 | 32,973,760 | - | - | - | - | - |
| East Gojam | 27,891 | 202,683 | 1.006 | 6 | 41,974,949 | - | * | * | * | * |
| West Gojam | 48,741 | 300,871 | 1.086 | 7 | 71,063,888 | - | - | - | - | - |
| Waghamera | * | 46,657 | 1.102 | 5 | 8,829,964 | - | - | - | - | - |
| Awi | 22,121 | 136,930 | 1.159 | 7 | 35,562,157 | - | - | - | - | - |
| Oromia | 16,789 | 56,057 | 1.085 | 5 | 10,613,123 | * | - | - | - | - |
| Argoba Special | 256 | 4,167 | 1.137 | 5 | 1,030,646 | - | - | - | - | - |
| Oromia | 3,418,794 | 4,558,824 | 1.915 | 6 | 1,825,855,569 | 200,666 | * | 3.735 | 10 | 100,866,212 |
| West Wellega | 113,353 | 159,894 | 1.403 | 7 | 53,678,972 | - | - | - | - | - |
| East Wellega | 47,511 | 168,303 | 1.235 | 7 | 45,975,857 | - | - | - | - | - |
| Illubabor | 140,263 | 182,190 | 1.194 | 6 | 44,253,447 | - | - | - | - | - |
| Jimma | 312,960 | 382,454 | 1.032 | 6 | 66,485,617 | - | - | - | - | - |
| West Shewa | 207,746 | 362,013 | 2.047 | 6 | 96,967,161 | - | - | - | - | - |
| North Shewa | 181,062 | 285,573 | 1.506 | 7 | 114,464,519 | - | - | - | - | - |
| East Shewa | 148,615 | 194,314 | 1.387 | 7 | 66,410,094 | * | * | 2.775 | 11 | 12,692,723 |
| Arsi | 434,993 | 503,885 | * | 7 | * | * | * | * | * | * |
| West Harerghe | 127,095 | 283,659 | 1.645 | 6 | 88,150,784 | * | * | 2.684 | 8 | 2,779,652 |
| East Harerghe | 305,297 | 345,009 | 1.72 | 6 | 107,958,335 | * | * | 4.447 | 11 | 29,780,701 |
| Bale | 387,714 | 310,890 | 1.377 | 6 | 86,526,154 | 13,870 | 8,659 | 2.743 | 8 | 5,456,029 |
| Borena | 117,749 | 271,876 | 1.548 | 7 | 84,662,912 | * | * | 4.984 | 10 | 35,098,607 |
| South West Shewa | 123,957 | 121,076 | 0.98 | 7 | 24,990,441 | - | - | - | - | - |
| Guji | 257,750 | 284,431 | 1.373 | 7 | 103,728,419 | * | 14,234 | 2.931 | 10 | 12,916,990 |
| West Arsi | 462,899 | 500,587 | 1.409 | 7 | 147,227,679 | - | - | - | - | - |
| Kelem Wellega | 29,108 | 76,199 | * | 7 | * | - | - | - | - | - |
| Horoguduru Wellega | 20,722 | 126,471 | * | 7 | * | - | * | - | * | - |

TABLE 3-21 CONT'D

| Geographic Area | Number of Dairy Cows | Number of Milking Cows | Average Daily Milk Prod. | Average Lactation Period (Months) | Total Milk Production (Lt) | Number of Dairy Camels | Number of Milking Camels | Average Daily Milk Prod. | Average Lactation Period (Months) | Total Milk Production (Lt) |
|-------------------------|----------------------|------------------------|--------------------------|-----------------------------------|----------------------------|------------------------|--------------------------|--------------------------|-----------------------------------|----------------------------|
| Somale | 129,702 | 175,052 | 2.012 | 5 | 64,055,481 | 108,524 | 54,590 | 4.899 | 9 | 86,014,482 |
| Shinele | 10,438 | 10,397 | 1.742 | 5 | 3,593,966 | 6,932 | 4,831 | 3.108 | 9 | 3,886,914 |
| Jijiga | 80,069 | 101,457 | 2.049 | 5 | 37,595,403 | 23,420 | 12,798 | 3.664 | 8 | 13,441,470 |
| Liben | 39,195 | 63,198 | 1.989 | 6 | 22,866,112 | 78,172 | 36,962 | 5.716 | 10 | 68,686,097 |
| Benshangul-Gumuz | 33,774 | 76,358 | 1.257 | 7 | 21,349,323 | - | - | - | - | - |
| Metekel | 23,183 | 52,296 | 1.296 | 7 | 15,132,089 | - | - | - | - | - |
| Asosa | 5,170 | 12,605 | 1.128 | 7 | 2,983,499 | - | - | - | - | - |
| Kemeshi | 3,178 | 2,964 | 1.26 | 6 | 782,420 | - | - | - | - | - |
| Pawe Special | 823 | 4,217 | 1.042 | 6 | 1,064,968 | - | - | - | - | - |
| Mao Komo | 1,421 | 4,275 | 1.517 | 7 | 1,386,347 | - | - | - | - | - |
| SNNP | 2,962,377 | 2,317,106 | 1.222 | 6 | 599,749,160 | - | - | - | * | - |
| Gurage | 403,994 | 288,030 | 0.976 | 6 | 53,394,651 | - | - | - | - | - |
| Hadiya | 220,206 | 174,695 | 1.134 | 7 | 39,780,348 | - | - | - | - | - |
| Kembata Tembaro | 107,060 | 86,705 | 1.307 | 6 | 23,527,989 | - | - | - | * | - |
| Sidama | 661,274 | 464,118 | 1.225 | 6 | 118,714,197 | - | - | - | - | - |
| Gedio | 20,817 | 20,455 | 1.179 | 6 | 4,765,068 | - | - | - | - | - |
| Wolayita | 229,925 | 193,544 | 1.339 | 7 | 60,035,983 | - | - | - | - | - |
| South Omo | 202,565 | 172,499 | 1.527 | 7 | 62,321,403 | - | - | - | - | - |
| Shaka | 24,648 | 25,990 | 1.53 | 6 | 7,612,014 | - | - | - | - | - |
| Kaffa | 218,409 | 218,188 | 1.503 | 5 | 62,984,123 | - | - | - | * | - |
| Gamo Gofa | 318,131 | 239,184 | 1.139 | 6 | 56,372,439 | - | - | - | - | - |
| Bench Maji | 131,506 | 114,285 | 1.672 | 7 | 42,156,759 | - | - | - | - | - |
| Yem Sp. Wereda | 13,284 | 9,630 | 0.913 | 6 | 2,308,410 | - | - | - | - | - |
| Amaro Sp. Wereda | 24,407 | 18,161 | 1.044 | 6 | 3,543,382 | - | - | - | - | - |
| Burji Sp. Wereda | 6,981 | 7,035 | 0.676 | 5 | 903,881 | - | - | - | - | - |
| Konso Sp. Wereda | 32,465 | 25,759 | 1.256 | 6 | 7,002,879 | - | - | - | - | - |
| Derashe Sp. Wereda | 8,904 | 6,813 | 1.184 | 6 | 1,745,075 | - | - | - | - | - |
| Dawro | 97,152 | 71,955 | 1.079 | 6 | 15,588,979 | - | - | - | - | - |
| Basketo Sp. Wereda | 8,741 | 6,831 | 1.041 | 6 | 1,458,553 | - | - | - | - | - |
| Konta Sp. Wereda | 21,631 | 17,578 | 1.126 | 6 | 4,182,761 | - | - | - | - | - |
| Silte | 160,410 | 119,037 | 0.968 | 6 | 22,662,587 | - | - | - | - | - |
| Alaba Sp. Wereda | 49,869 | 36,615 | 1.258 | 6 | 8,687,680 | - | - | - | - | - |
| Gambela Region | 62,398 | 47,588 | 2.069 | 7 | 25,968,122 | - | - | - | - | - |
| Angnuwak | 9,589 | 5,775 | 1.871 | 6 | 2,436,547 | - | - | - | - | - |
| Nuware | 29,507 | 23,193 | 2.423 | 8 | 14,836,870 | - | - | - | - | - |
| Mezhenger | 7,913 | 6,864 | 1.869 | 5 | 2,395,864 | - | - | - | - | - |
| Itang Special | 15,390 | 11,756 | 1.885 | 7 | 6,298,841 | - | - | - | - | - |
| Harari | 5,885 | 10,577 | 1.835 | 6 | 3,944,848 | * | * | * | * | * |
| Hundene | 5,885 | 10,577 | 1.835 | 6 | 3,944,848 | * | * | * | * | * |
| Dire Dawa | 8,791 | 12,797 | 1.587 | 5 | 3,508,619 | 1,035 | 990 | 2.85 | 9 | 845,669 |

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

a. Indigenous Breeds

| Geographic Area | Total Laying Hens | Average Number of Egg-laying period/Year | Average Length of a Period | Average Number of Eggs /Hen /Period | Total Egg Production (Number) |
|--------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Ethiopia | 12,346,856 | 4 | 20 | 12 | 68,240,818 |
| Tigray | 991,394 | 5 | 21 | 13 | 6,943,173 |
| North West Tigray | 201,444 | 3 | 19 | 12 | 907,558 |
| Central Tigray | 279,354 | 5 | 22 | 14 | 2,351,302 |
| Eastern Tigray | 207,851 | 6 | 22 | 13 | 1,740,706 |
| Southern Tigray | 202,770 | 5 | 22 | 14 | 1,549,220 |
| Western Tigray | 99,975 | 3 | 18 | 11 | 394,387 |
| Afar | 16,486 | 5 | 18 | 11 | 104,548 |
| Zone 1 | 326 | * | 16 | 11 | 1,898 |
| Zone 3 | 16,160 | 5 | 18 | 11 | 102,650 |
| Amhara | 3,909,583 | 4 | 21 | 12 | 22,627,293 |
| North Gonder | 737,042 | 3 | 19 | 11 | 2,923,285 |
| South Gonder | 437,093 | 4 | 20 | 11 | 2,021,723 |
| North Wolo | 332,977 | 5 | 21 | 11 | 2,015,272 |
| South Wolo | 717,298 | 5 | 23 | 12 | 4,970,199 |
| North Shewa | 488,826 | 5 | 21 | 12 | 3,360,392 |
| East Gojam | 315,864 | 5 | 23 | 14 | 2,591,359 |
| West Gojam | 496,604 | 4 | 21 | 13 | 2,680,881 |
| Waghamera | 105,908 | 5 | 22 | 11 | 572,910 |
| Awi | 192,693 | 3 | 20 | 13 | 942,432 |
| Oromia | 77,074 | 5 | 23 | 12 | 512,542 |
| Argoba Special | 8,204 | 4 | 20 | 10 | 36,298 |
| Oromia | 4,651,292 | 4 | 20 | 12 | 25,532,789 |
| West Wellega | 255,060 | 3 | 18 | 10 | 1,008,634 |
| East Wellega | 203,895 | 3 | 20 | 11 | 802,258 |
| Illubabor | 266,869 | 3 | 19 | 11 | 1,101,929 |
| Jimma | 454,918 | 3 | 18 | 10 | 1,682,097 |
| West Shewa | 330,577 | 5 | 22 | 12 | 2,040,814 |
| North Shewa | 245,135 | 6 | 24 | 13 | 1,934,250 |
| East Shewa | 275,994 | 5 | 23 | 14 | 1,949,686 |
| Arsi | 519,337 | 5 | 23 | 13 | 3,821,255 |
| West Harerghe | 368,722 | 3 | 20 | 12 | 1,671,534 |
| East Harerghe | 474,580 | 4 | 18 | 10 | 1,995,527 |
| Bale | 220,423 | 5 | 22 | 14 | 1,490,264 |
| Borena | 134,060 | 4 | 18 | 12 | 867,373 |
| South West Shewa | 192,217 | 5 | 22 | 13 | 1,513,584 |
| Guji | 217,332 | 4 | 19 | 12 | 1,198,469 |
| West arsi | 208,998 | 4 | 22 | 13 | 1,351,965 |
| Kelem Wellega | 198,288 | 3 | 21 | 11 | 758,353 |
| Horoguduru Wellega | 84,889 | 3 | 21 | 11 | 344,796 |

TABLE 3-22 – a CONT'D

| Geographic Area | Total Laying Hens | Average Number of Egg-laying period/Year | Average Length of a Period | Average Number of Eggs /Hen /Period | Total Egg Production (Number) |
|-------------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Somale | 45,173 | 5 | 16 | 12 | 248,215 |
| Shinele | 800 | * | * | * | 4,768 |
| Jijiga | 5,137 | 7 | * | * | 28,591 |
| Liben | 39,236 | 4 | 17 | 12 | 214,856 |
| Benshangul-Gumuz | 159,293 | 3 | 19 | 11 | 718,143 |
| Metekel | 73,772 | 3 | 19 | 11 | 280,769 |
| Asosa | 48,660 | 3 | 20 | 11 | 280,628 |
| Kemeshi | 23,529 | 3 | 18 | 11 | 87,679 |
| Pawe Special | 5,123 | 3 | 19 | 12 | 26,708 |
| Mao Komo | 8,209 | 3 | 20 | 11 | 42,360 |
| SNNP | 2,491,216 | 4 | 19 | 11 | 11,620,826 |
| Gurage | 245,337 | 4 | 19 | 11 | 1,282,836 |
| Hadiya | 191,391 | 3 | 19 | 11 | 815,577 |
| Kembata Tembaro | 102,510 | 3 | 18 | 11 | 503,140 |
| Sidama | 364,832 | 4 | 19 | 12 | 1,812,478 |
| Gedio | 80,574 | 3 | 19 | 12 | 408,453 |
| Wolayita | 198,584 | 3 | 18 | 10 | 729,444 |
| South Omo | 146,193 | 4 | 21 | 11 | 693,970 |
| Shaka | 42,165 | 3 | 17 | 11 | 186,474 |
| Kaffa | 233,123 | 3 | 17 | 10 | 869,033 |
| Gamo Gofa | 258,055 | 4 | 20 | 11 | 1,304,086 |
| Bench Maji | 160,128 | 4 | 18 | 13 | 952,988 |
| Yem Sp. Wereda | 13,222 | 4 | 20 | 11 | 75,111 |
| Amaro Sp. Wereda | 15,668 | 4 | 20 | 12 | 72,896 |
| Burji Sp. Wereda | 9,717 | 3 | 19 | 11 | 40,847 |
| Konso Sp. Wereda | 59,826 | 5 | 17 | 10 | 280,199 |
| Derashe Sp. Wereda | 33,126 | 4 | 20 | 11 | 156,439 |
| Dawro | 62,378 | 3 | 17 | 10 | 218,032 |
| Basketo Sp. Wereda | 15,148 | 4 | 21 | 11 | 71,706 |
| Konta Sp. Wereda | 20,393 | 3 | 16 | 9 | 65,944 |
| Silte | 196,873 | 4 | 19 | 11 | 893,187 |
| Alaba Sp. Wereda | 41,974 | 4 | 19 | 11 | 187,987 |
| Gambela Region | 41,678 | 4 | 19 | 12 | 213,866 |
| Angnuwak | 18,468 | 4 | 19 | 11 | 86,148 |
| Nuware | 2,889 | 3 | 17 | 14 | 12,422 |
| Mezhenger | 14,797 | 5 | 19 | 12 | 88,831 |
| Itang Special | 5,524 | 3 | 19 | 13 | 26,464 |
| Harari | 12,318 | 4 | 17 | 10 | 58,475 |
| Hundene | 12,318 | 4 | 17 | 10 | 58,475 |
| Dire Dawa | 28,421 | 5 | 20 | 11 | 173,489 |

b. Hybrid

| Geographic Area | Total Laying Hens | Average Number of Egg-laying period/Year | Average Length of a Period | Average Number of Eggs /Hen /Period | Total Egg Production (Number) |
|--------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Ethiopia | 508,764 | 4 | 38 | 34 | 6,250,801 |
| Tigray | 148,065 | 5 | 35 | 32 | 1,779,307 |
| North West Tigray | 10,337 | 4 | 24 | 22 | 98,015 |
| Central Tigray | 59,540 | 5 | 28 | 28 | 689,073 |
| Eastern Tigray | 37,217 | 5 | 50 | 41 | 400,371 |
| Southern Tigray | 37,543 | 4 | 41 | 36 | 558,083 |
| Western Tigray | 3,428 | 4 | 18 | 16 | * |
| Afar | - | - | - | - | - |
| Zone 1 | - | - | - | - | - |
| Zone 3 | - | - | - | - | - |
| Amhara | 131,616 | 4 | 40 | 35 | 1,632,653 |
| North Gonder | 16,027 | 4 | 22 | 20 | 91,991 |
| South Gonder | 24,716 | 5 | 23 | 19 | 186,536 |
| North Wolo | 3,034 | * | * | * | 33,185 |
| South Wolo | 7,417 | 5 | * | * | 119,308 |
| North Shewa | 14,352 | 5 | 39 | 35 | 491,526 |
| East Gojam | 16,878 | 4 | 51 | 47 | 176,203 |
| West Gojam | 35,232 | 4 | 34 | 22 | 336,960 |
| Waghamera | 2,214 | 5 | 28 | 23 | 27,925 |
| Awi | 10,388 | 3 | * | * | * |
| Oromia | 1,300 | 4 | 33 | 25 | 18,584 |
| Argoba Special | * | * | * | * | * |
| Oromia | 189,797 | 4 | 40 | 36 | 2,276,668 |
| West Wellega | 1,292 | 4 | 22 | 17 | * |
| East Wellega | * | 3 | 17 | 13 | * |
| Illubabor | 15,815 | 3 | 22 | 18 | 94,042 |
| Jimma | 12,500 | 5 | 35 | * | 130,141 |
| West Shewa | 18,539 | 5 | 54 | 49 | 285,374 |
| North Shewa | 14,192 | 5 | 44 | 41 | 234,129 |
| East Shewa | 15,112 | 3 | 41 | * | 176,374 |
| Arsi | 27,149 | 6 | 27 | 22 | 342,207 |
| West Harerghe | 20,020 | 5 | 23 | 21 | 193,876 |
| East Harerghe | 22,612 | 4 | 23 | 17 | * |
| Bale | 12,531 | 4 | 62 | 60 | 137,112 |
| Borena | - | * | * | * | 17,952 |
| South West Shewa | 9,210 | 5 | 55 | 50 | 147,535 |
| Guji | * | * | * | * | * |
| West Arsi | 12,853 | 3 | * | * | 219,341 |
| Kelem Wellega | * | * | * | * | * |
| Horoguduru Wellega | 1,205 | 3 | * | * | 9,662 |

TABLE 3-22 - b CONT'D

| Geographic Area | Total Laying Hens | Average Number of Egg-laying period/Year | Average Length of a Period | Average Number of Eggs /Hen /Period | Total Egg Production (Number) |
|-------------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Somale | * | * | * | * | * |
| Shinele | - | - | - | - | - |
| Jijiga | - | - | - | - | - |
| Liben | * | * | * | * | * |
| Benshangul-Gumuz | 820 | 4 | 26 | 20 | 8,908 |
| Metekel | * | * | * | * | * |
| Asosa | 293 | * | * | * | * |
| Kemeshi | * | * | * | * | * |
| Pawe special | 192 | 4 | 22 | 18 | 1,365 |
| Mao komo | - | * | * | * | * |
| SNNP | 36,721 | 4 | 36 | 32 | 533,116 |
| Gurage | 4,991 | 5 | * | * | * |
| Hadiya | 1,547 | 4 | 21 | 18 | 10,700 |
| Kembata Tembaro | 5,914 | 4 | 31 | 27 | 72,550 |
| Sidama | 7,056 | 4 | 31 | 28 | 90,076 |
| Gedio | 797 | * | 26 | 22 | 3,009 |
| Wolayita | * | * | * | * | * |
| South Omo | 1,068 | * | 22 | 20 | * |
| Shaka | * | 5 | 22 | 18 | * |
| Kaffa | 2,940 | 4 | 32 | * | * |
| Gamo Gofa | * | 3 | * | * | * |
| Bench Maji | 298 | 1 | 30 | 30 | 894 |
| Yem Sp. Wereda | 129 | 3 | 97 | 94 | 4,396 |
| Amaro Sp. Wereda | * | * | * | * | * |
| Burji Sp. Wereda | * | * | * | * | * |
| Konso Sp. Wereda | * | * | * | * | * |
| Derashe Sp. Wereda | * | * | * | * | * |
| Dawro | * | * | * | * | * |
| Basketo Sp. Wereda | * | 5 | 26 | 24 | * |
| Konta Sp. Wereda | 528 | 4 | 19 | 13 | 4,823 |
| Silte | * | * | * | * | * |
| Alaba Sp. Wereda | 1,473 | 4 | 20 | 19 | 9,213 |
| Gambela Region | * | * | * | * | * |
| Angnuwak | - | - | - | - | - |
| Nuware | - | - | - | - | - |
| Mezhenger | * | * | * | * | * |
| Itang Special | - | - | - | - | - |
| Harari | 373 | 4 | 24 | * | * |
| Hundene | 373 | 4 | 24 | * | * |
| Dire Dawa | 373 | 4 | 24 | * | * |

c. Exotic Breeds

| Geographic Area | Total Laying Hens | Average Number of Egg-laying period/Year | Average Length of a Period | Average Number of Eggs /Hen /Period | Total Egg Production (Number) |
|--------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Ethiopia | 78,637 | 1 | 102 | 94 | 792,157 |
| Tigray | 32,742 | 1 | 156 | 142 | 515,927 |
| North West Tigray | * | 1 | * | * | * |
| Central Tigray | 15,721 | 1 | * | * | 122,237 |
| Eastern Tigray | 4,053 | 1 | 213 | 194 | 80,447 |
| Southern Tigray | 11,517 | 1 | 214 | 191 | 308,252 |
| Western Tigray | * | * | * | * | * |
| Afar | * | * | * | * | * |
| Zone 1 | - | - | - | - | - |
| Zone 3 | * | * | * | * | * |
| Amhara | 12,541 | 1 | 50 | 57 | 65,028 |
| North Gonder | 732 | 1 | 23 | 23 | * |
| South Gonder | 1,900 | 1 | 28 | 28 | 6,111 |
| North Wolo | * | * | * | * | * |
| South Wolo | * | * | * | * | * |
| North Shewa | - | * | * | * | * |
| East Gojam | 3,198 | * | * | * | * |
| West Gojam | * | 1 | 26 | 26 | * |
| Waghamera | * | * | * | * | * |
| Awi | * | 1 | * | * | * |
| Oromia | - | - | - | - | - |
| Argoba Special | - | - | - | - | - |
| Oromia | 22,996 | 1 | 81 | 75 | 161,622 |
| West Wellega | * | * | * | * | * |
| East Wellega | - | * | * | * | * |
| Illubabor | 379 | 1 | 20 | 20 | 759 |
| Jimma | - | - | - | - | - |
| West Shewa | 5,313 | 1 | * | * | * |
| North Shewa | * | * | * | * | * |
| East Shewa | 4,894 | 1 | * | * | * |
| Arsi | - | * | - | - | - |
| West Harerghe | * | * | * | * | * |
| East Harerghe | * | * | * | * | * |
| Bale | 224 | 1 | 275 | 275 | 12,341 |
| Borena | - | 1 | 30 | 30 | 605 |
| South West Shewa | 2,064 | 1 | 160 | 146 | * |
| Guji | - | * | * | * | * |
| West Arsi | * | 1 | * | * | * |
| 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) |
|-------------------------|-------------------|--|----------------------------|-------------------------------------|-------------------------------|
| Somale | - | - | - | - | - |
| Shinele | - | - | - | - | - |
| Jijiga | - | - | - | - | - |
| Liben | - | - | - | - | - |
| Benshangul-Gumuz | * | * | * | * | * |
| Metekel | * | * | * | * | * |
| Asosa | - | - | * | - | - |
| Kemeshi | * | * | * | * | * |
| Pawe Special | * | * | * | * | * |
| Mao Komo | - | - | - | - | - |
| SNNP | 9,528 | 1 | 61 | 53 | 38,920 |
| Gurage | 2,958 | * | * | * | * |
| Hadiya | - | - | - | - | - |
| Kembata Tembaro | * | * | * | * | * |
| Sidama | * | * | * | * | * |
| Gedio | * | * | * | * | * |
| Wolayita | * | 1 | 34 | 26 | * |
| South Omo | - | - | - | - | - |
| Shaka | 753 | 1 | 27 | 24 | 1,454 |
| Kaffa | * | * | * | * | * |
| Gamo Gofa | - | * | * | * | * |
| Bench Maji | * | 1 | * | * | * |
| Yem Sp. Wereda | * | * | * | * | * |
| Amaro Sp. Wereda | - | - | - | - | - |
| Burji Sp. Wereda | - | * | * | * | * |
| Konso Sp. Wereda | 287 | * | * | * | * |
| Derashe Sp. Wereda | - | - | - | - | - |
| Dawro | * | - | - | - | - |
| Basketo Sp. Wereda | * | * | * | * | * |
| Konta Sp. Wereda | - | * | * | * | * |
| Silte | * | * | * | * | * |
| Alaba Sp. Wereda | * | * | * | * | * |
| Gambela Region | - | * | - | - | - |
| Angnuwak | - | - | - | - | - |
| Nuware | - | - | - | - | - |
| Mezhenger | - | - | - | - | - |
| Itang Special | - | * | - | - | - |
| Harari | * | * | * | * | * |
| Hundene | * | * | * | * | * |
| Dire Dawa | * | * | * | * | * |

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

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|--------------------|------------------|---------------------|-----------|------------------|------------------------|------------|-----------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Ethiopia | 13,910,148 | 4,724,568 | 4,128,191 | 1,574,600 | 1,399,184 | 381,726 | 1,701,879 |
| Tigray | 1,700,878 | 555,437 | 617,858 | 239,270 | 112,162 | 35,239 | 140,913 |
| North West Tigray | 161,124 | 18,047 | 72,810 | 24,469 | * | * | 33,645 |
| Central Tigray | 335,849 | 136,416 | 166,425 | 8,247 | * | * | * |
| Eastern Tigray | 316,705 | 181,410 | 97,524 | 33,906 | * | * | * |
| Southern Tigray | 691,880 | 156,300 | 232,294 | 106,046 | 101,471 | * | 87,703 |
| Western Tigray | 195,321 | 63,264 | 48,806 | * | * | - | * |
| Afar | 55,853 | 17,056 | 18,607 | 12,288 | * | - | * |
| Zone 1 | 48,758 | 17,056 | 18,558 | 11,502 | - | - | * |
| Zone 3 | * | - | * | * | * | - | * |
| Ambara | 3,237,422 | 1,230,054 | 923,676 | 233,162 | 100,872 | * | 682,582 |
| North Gonder | 302,095 | 154,909 | * | * | * | * | * |
| South Gonder | 277,550 | 77,791 | 46,996 | 6,557 | * | * | 101,038 |
| North Wolo | 198,909 | 76,107 | 66,575 | * | * | * | 8,125 |
| South Wolo | 421,703 | * | 247,803 | 10,573 | - | - | * |
| North Shewa | 240,210 | 55,213 | 127,480 | * | * | * | * |
| East Gojam | 478,680 | 223,725 | 85,108 | 51,832 | * | * | * |
| West Gojam | 916,183 | 480,992 | 149,102 | * | * | * | 185,869 |
| Waghamera | 12,184 | * | * | * | * | * | * |
| Awi | 275,760 | 56,044 | * | * | * | - | 117,297 |
| Oromia | 112,565 | 19,917 | 79,113 | * | * | - | * |
| Argoba Special | 1,581 | 684 | 897 | - | - | - | - |
| Oromia | 6,194,538 | 1,871,403 | 1,756,571 | 821,610 | 870,424 | 218,352 | 656,177 |
| West Wellega | 351,456 | * | * | 105,003 | 156,924 | * | * |
| East Wellega | 289,316 | * | 103,365 | * | 88,467 | * | * |
| Illubabor | 187,133 | * | 58,428 | 7,964 | 38,202 | * | 11,684 |
| Jimma | 504,546 | 137,477 | 125,583 | 52,089 | 120,840 | * | * |
| West Shewa | 300,740 | 94,491 | 117,520 | * | * | * | * |
| North Shewa | 260,636 | 85,852 | 153,601 | * | * | * | * |
| East Shewa | 419,060 | 173,340 | 131,595 | 11,713 | * | * | 65,798 |
| Arsi | 594,404 | 187,507 | 138,300 | * | * | * | 120,078 |
| West Harerghe | 615,187 | 294,659 | 201,644 | * | 92,940 | - | * |
| East Harerghe | 248,662 | 189,760 | 15,700 | * | * | - | * |
| Bale | 416,975 | 162,343 | 233,680 | * | * | * | * |
| Borena | 545,959 | 9,805 | * | 342,865 | * | * | * |
| South West Shewa | 311,866 | 88,576 | 150,787 | * | 35,098 | * | * |
| Guji | 378,510 | * | 125,629 | * | * | * | * |
| West Arsi | 574,408 | 256,632 | * | * | * | * | 81,138 |
| Kelem Wellega | 75,801 | * | 10,691 | * | * | * | 27,089 |
| Horoguduru Wellega | 119,878 | * | * | - | 37,882 | * | * |

TABLE 3-23 – a CONT'D

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|-------------------------|------------------|---------------------|----------|------------------|------------------------|------------|---------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Somale | 34,359 | * | * | * | - | * | * |
| Shinele | 5,402 | * | - | * | - | - | * |
| Jijiga | * | * | * | * | - | - | - |
| Liben | * | * | * | * | - | * | * |
| Benshangul-Gumuz | 128,653 | 20,137 | 45,515 | 13,485 | 20,087 | 14,306 | 15,125 |
| Metekel | 82,086 | 4,320 | 41,172 | 9,080 | 666 | 14,055 | 12,792 |
| Asosa | 30,256 | 12,291 | * | 2,061 | 15,482 | - | - |
| Kemeshi | 4,877 | * | * | * | 1,923 | - | * |
| Pawe Special | 6,228 | 1,662 | 1,968 | - | * | * | 1,994 |
| Mao Komo | 5,207 | * | 1,728 | 1,026 | 1,663 | - | * |
| SNNP | 2,531,890 | 1,022,317 | 755,366 | 224,206 | 287,908 | 45,980 | 196,112 |
| Gurage | 287,126 | 102,682 | 137,828 | * | * | * | * |
| Hadiya | 103,413 | 58,628 | 27,291 | * | * | * | - |
| Kembata Tembaro | 176,419 | 105,156 | 32,545 | * | * | - | * |
| Sidama | 281,309 | 99,020 | 69,511 | * | * | * | * |
| Gedio | 18,145 | * | * | * | * | * | * |
| Wolayita | 365,509 | 153,515 | 106,087 | 27,496 | * | * | 68,589 |
| South Omo | * | * | * | * | - | - | * |
| Shaka | 44,890 | 30,214 | * | * | * | - | 12,783 |
| Kaffa | 183,314 | 64,782 | 42,597 | * | 64,585 | - | * |
| Gamo Gofa | 387,650 | 108,740 | 164,074 | 102,522 | - | * | * |
| Bench Maji | 181,005 | 65,476 | * | 2,833 | 74,656 | * | * |
| Yem Sp. Wereda | 19,291 | 4,035 | 8,793 | * | * | - | 5,397 |
| Amaro Sp. Wereda | 37,064 | 6,727 | * | * | * | - | 17,857 |
| Burji Sp. Wereda | 30,125 | 783 | 9,748 | * | 8,087 | * | 11,164 |
| Konso Sp. Wereda | 40,106 | * | * | * | - | * | * |
| Derashe Sp. Wereda | 13,974 | * | * | * | - | * | 3,910 |
| Dawro | 50,063 | 30,386 | 17,312 | * | - | - | * |
| Basketo Sp. Wereda | 25,327 | 9,388 | 15,879 | * | - | * | - |
| Konta Sp. Wereda | 29,045 | 16,650 | 9,798 | * | 1,408 | - | * |
| Silte | 131,168 | 78,789 | 33,977 | * | * | - | 4,239 |
| Alaba Sp. Wereda | 36,085 | 29,061 | * | * | - | - | - |
| Gambela Region | 6,703 | * | * | * | 1,855 | - | 1,423 |
| Angnuwak | * | * | * | * | - | - | * |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | 2,033 | * | * | - | * | - | 492 |
| Itang Special | 1,778 | - | * | * | 1,672 | - | * |
| Harari | 2,958 | * | * | * | * | - | * |
| Hundene | 2,958 | * | * | * | * | - | * |
| Dire Dawa | 16,894 | 3,125 | 8,709 | 1,700 | 2,675 | * | * |

b. Sheep

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|--------------------|------------------|---------------------|----------|------------------|------------------------|------------|-----------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Ethiopia | 4,025,712 | 485,529 | 365,777 | 887,002 | 937,550 | 41,371 | 1,308,483 |
| Tigray | 685,499 | 22,704 | 70,923 | * | 440,214 | * | * |
| North West Tigray | 12,935 | * | * | * | - | * | * |
| Central Tigray | 142,945 | * | * | * | 124,382 | * | - |
| Eastern Tigray | 279,328 | * | * | * | 227,412 | * | * |
| Southern Tigray | 231,451 | 14,269 | * | * | * | - | * |
| Western Tigray | * | * | * | * | - | - | * |
| Afar | 28,647 | * | * | 2,156 | 24,728 | * | * |
| Zone 1 | 19,072 | * | * | 2,156 | 15,153 | * | * |
| Zone 3 | * | - | - | - | * | - | - |
| Amhara | 2,360,343 | 292,662 | 212,639 | 516,991 | 331,253 | 19,679 | 987,119 |
| North Gonder | 166,372 | 96,888 | * | * | - | - | * |
| South Gonder | 87,326 | * | * | * | * | * | 47,268 |
| North Wolo | 169,004 | * | - | * | * | * | * |
| South Wolo | 753,780 | * | * | 180,533 | * | * | 442,451 |
| North Shewa | 215,676 | * | * | 38,009 | * | - | * |
| East Gojam | 529,289 | * | 93,750 | 83,394 | 102,852 | * | 181,727 |
| West Gojam | 333,067 | 80,529 | * | 48,053 | * | * | 138,380 |
| Waghamera | 12,891 | * | * | * | - | - | * |
| Awi | 80,423 | * | * | * | * | - | 19,207 |
| Oromia | 12,457 | * | * | * | * | - | * |
| Argoba Special | * | * | * | - | - | - | - |
| Oromia | 700,009 | 121,118 | 67,515 | 188,703 | 110,350 | * | 197,318 |
| West Wellega | * | * | * | * | * | - | * |
| East Wellega | * | - | * | * | * | - | * |
| Illubabor | * | - | * | * | - | - | - |
| Jimma | 8,273 | - | * | * | * | - | * |
| West Shewa | 109,336 | * | * | * | * | * | 33,415 |
| North Shewa | 116,322 | * | * | * | * | * | 50,236 |
| East Shewa | 62,281 | * | * | * | * | - | 10,871 |
| Arsi | 204,443 | 42,285 | * | 53,562 | * | * | 64,420 |
| West Harerghe | 35,246 | 8,163 | * | * | 16,402 | - | * |
| East Harerghe | 36,566 | 22,318 | * | * | * | - | - |
| Bale | * | * | - | * | - | - | * |
| Borena | 6,288 | * | - | 5,105 | - | - | * |
| South West Shewa | 29,697 | * | * | * | * | * | * |
| Guji | * | - | - | * | - | * | - |
| West Arsi | 30,085 | * | * | * | - | - | * |
| Kelem Wellega | * | * | * | * | - | * | - |
| Horoguduru Wellega | 16,168 | * | * | * | * | - | * |

TABLE 3-23 – b CONT'D

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|-------------------------|------------------|---------------------|----------|------------------|------------------------|------------|--------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Somale | 29,371 | * | * | 19,363 | * | | * |
| Shinele | 5,943 | - | - | * | * | | * |
| Jijiga | * | * | * | * | - | | - |
| Liben | 14,268 | - | - | 12,729 | - | | * |
| Benshangul-Gumuz | 5,177 | * | * | * | * | * | 703 |
| Metekel | 182 | - | - | - | - | - | 182 |
| Asosa | * | - | - | * | - | * | - |
| Kemeshi | * | * | - | * | * | - | * |
| Pawe Special | * | - | - | * | - | - | * |
| Mao Komo | 330 | - | * | * | - | - | - |
| SNNP | 181,443 | 37,268 | * | 83,419 | 17,889 | * | 32,739 |
| Gurage | 12,030 | * | - | * | * | - | * |
| Hadiya | * | * | * | * | - | - | - |
| Kembata Tembaro | 28,821 | * | * | 2,622 | * | - | * |
| Sidama | * | * | - | * | - | - | - |
| Gedio | 13,269 | - | - | * | * | * | - |
| Wolayita | * | * | - | * | * | * | - |
| South Omo | * | - | - | * | * | - | - |
| Shaka | * | * | * | * | - | - | - |
| Kaffa | * | - | - | * | * | - | - |
| Gamo Gofa | * | - | - | * | - | - | - |
| Bench Maji | * | - | - | * | * | - | - |
| Yem Sp. Wereda | 4,466 | - | * | * | 1,003 | - | - |
| Amaro Sp. Wereda | - | - | - | - | - | - | - |
| Burji Sp. Wereda | * | - | - | * | - | - | - |
| Konso Sp. Wereda | * | - | * | * | - | - | - |
| Derashe Sp. Wereda | * | - | - | * | - | - | * |
| Dawro | * | * | - | * | - | * | * |
| Basketo Sp. Wereda | * | * | * | * | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - |
| Silte | 33,145 | * | * | * | * | * | * |
| Alaba Sp. Wereda | 6,656 | 2,881 | - | * | - | - | * |
| Gambela Region | * | - | * | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | - | - | - | - | - | - | - |
| Itang Special | * | - | * | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Hundene | - | - | - | - | - | - | - |
| Dire Dawa | 35,204 | 8,036 | 3,733 | 8,141 | 10,559 | - | 4,734 |

c. Goats

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|--------------------|------------------|---------------------|----------|------------------|------------------------|------------|---------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Ethiopia | 2,867,956 | 380,425 | 254,789 | 677,711 | 818,727 | 42,854 | 693,450 |
| Tigray | 1,005,302 | 104,744 | 101,281 | 121,482 | 547,614 | 12,441 | 117,741 |
| North West Tigray | 147,405 | * | 24,221 | * | 19,632 | * | * |
| Central Tigray | 533,274 | * | * | * | 430,815 | * | * |
| Eastern Tigray | 42,792 | - | * | * | 32,992 | * | - |
| Southern Tigray | 212,407 | * | * | * | 64,175 | - | 67,050 |
| Western Tigray | 69,424 | 11,983 | 15,805 | * | - | - | 9,087 |
| Afar | 53,168 | * | * | 2,121 | 43,539 | * | * |
| Zone 1 | 41,593 | * | * | 1,772 | 36,385 | * | * |
| Zone 3 | * | - | - | * | * | - | * |
| Amhara | 887,329 | 110,168 | 105,695 | 159,306 | 89,770 | * | 417,331 |
| North Gonder | 71,639 | * | * | * | - | - | * |
| South Gonder | 107,748 | * | * | * | * | - | 41,393 |
| North Wolo | 38,196 | * | - | 5,399 | * | - | * |
| South Wolo | 188,000 | * | * | 47,903 | * | - | 104,846 |
| North Shewa | 138,553 | * | * | 52,171 | * | * | 55,622 |
| East Gojam | 103,178 | * | * | * | * | - | 25,186 |
| West Gojam | 97,472 | 47,164 | * | 7,220 | * | * | 29,567 |
| Waghamera | 59,371 | * | * | * | * | - | 30,931 |
| Awi | 14,724 | * | * | * | * | - | * |
| Oromia | 68,040 | * | 2,555 | * | * | - | 47,669 |
| Argoba Special | 407 | - | 407 | - | - | - | - |
| Oromia | 630,677 | 138,285 | 34,023 | 213,326 | 100,749 | * | 121,017 |
| West Wellega | * | - | - | * | * | - | - |
| East Wellega | * | - | * | * | * | - | * |
| Illubabor | * | - | - | * | * | - | - |
| Jimma | * | - | - | - | * | - | - |
| West Shewa | * | - | - | * | - | - | - |
| North Shewa | 15,988 | - | * | - | - | * | 8,825 |
| East Shewa | 88,224 | 13,245 | * | * | * | * | * |
| Arsi | * | * | * | * | * | * | * |
| West Harerghe | 130,887 | 24,227 | * | * | 43,695 | - | * |
| East Harerghe | 89,129 | 63,062 | * | * | * | - | - |
| Bale | 32,901 | * | * | * | - | - | * |
| Borena | * | - | * | * | - | - | * |
| South West Shewa | * | * | * | - | * | - | * |
| Guji | * | - | * | * | - | - | * |
| West Arsi | * | * | * | * | - | * | * |
| Kelem Wellega | * | * | * | * | * | * | * |
| Horoguduru Wellega | 3,801 | * | * | - | * | - | * |

TABLE 3-23 – c CONT'D

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|-------------------------|------------------|---------------------|----------|------------------|------------------------|------------|--------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Somale | 44,594 | * | * | 32,332 | * | | * |
| Shinele | * | - | - | * | * | - | * |
| Jijiga | * | * | * | * | - | - | - |
| Liben | 26,254 | - | - | 23,960 | - | - | - |
| Benshangul-Gumuz | 49,186 | * | * | 36,248 | * | * | * |
| Metekel | - | - | - | - | - | - | - |
| Asosa | 43,840 | * | * | 35,959 | * | * | * |
| Kemeshi | * | - | - | * | * | - | * |
| Pawe Special | * | * | - | - | * | - | * |
| Mao Komo | * | - | * | - | - | - | - |
| SNNP | 123,055 | 7,164 | 3,710 | 98,997 | 3,123 | - | 10,061 |
| Gurage | * | * | - | * | * | - | * |
| Hadiya | * | - | - | * | - | - | - |
| Kembata Tembaro | 9,690 | * | * | 1,514 | * | - | * |
| Sidama | * | * | - | - | - | - | - |
| Gedio | - | - | - | - | - | - | - |
| Wolayita | * | * | - | - | - | - | - |
| South Omo | * | - | - | * | - | - | - |
| Shaka | - | - | - | - | - | - | - |
| Kaffa | * | * | - | - | - | - | - |
| Gamo Gofa | * | - | - | * | - | - | * |
| Bench Maji | * | - | - | - | * | - | - |
| Yem Sp. Wereda | * | - | * | * | - | - | * |
| Amaro Sp. Wereda | * | - | - | * | - | - | - |
| Burji Sp. Wereda | 2,982 | - | * | 1,979 | - | - | * |
| Konso Sp. Wereda | * | - | * | * | - | - | - |
| Derashe Sp. Wereda | * | - | - | * | - | - | * |
| Dawro | - | - | - | - | - | - | - |
| Basketo Sp. Wereda | * | - | * | - | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - | - | - |
| Silte | * | * | - | * | * | - | * |
| Alaba Sp. Wereda | 3,726 | * | * | * | - | - | * |
| Gambela Region | * | - | * | - | - | - | - |
| Angnuwak | - | - | - | - | - | - | - |
| Nuware | - | - | - | - | - | - | - |
| Mezhenger | - | - | - | - | - | - | - |
| Itang Special | * | - | * | - | - | - | - |
| Harari | * | * | * | - | - | - | - |
| Hundene | * | * | * | - | - | - | - |
| Dire Dawa | 74,415 | 15,357 | 8,258 | 13,899 | 21,369 | - | - |

d. Camels

| Geographic Area | Total Vaccinated | Vaccinated against: | | | | | |
|--------------------|------------------|---------------------|----------|------------------|------------------------|------------|--------|
| | | Anthrax | Blackleg | Pleuro-Pneumonia | Hemorrhagic Septicemia | Rinderpest | Others |
| Ethiopia | | | | | | | |
| Tigray | | | | | | | |
| North West Tigray | | | | | | | |
| Central Tigray | | | | | | | |
| Eastern Tigray | | | | | | | |
| Southern Tigray | | | | | | | |
| Western Tigray | | | | | | | |
| Afar | | | | | | | |
| Zone 1 | | | | | | | |
| Zone 3 | | | | | | | |
| Ambara | | | | | | | |
| North Gonder | | | | | | | |
| South Gonder | | | | | | | |
| North Wolo | | | | | | | |
| South Wolo | | | | | | | |
| North Shewa | | | | | | | |
| East Gojam | | | | | | | |
| West Gojam | | | | | | | |
| Waghamera | | | | | | | |
| Awi | | | | | | | |
| Oromia | | | | | | | |
| Argoba Special | | | | | | | |
| Oromia | | | | | | | |
| West Wellega | | | | | | | |
| East Wellega | | | | | | | |
| Illubabor | | | | | | | |
| Jimma | | | | | | | |
| West Shewa | | | | | | | |
| North Shewa | | | | | | | |
| East Shewa | | | | | | | |
| Arsi | | | | | | | |
| West Harerghe | | | | | | | |
| East Harerghe | | | | | | | |
| Bale | | | | | | | |
| Borena | | | | | | | |
| 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 | Rinderpest | Others |
| Somale | | | | | | | |
| Shinele | | | | | | | |
| Jijiga | | | | | | | |
| Liben | | | | | | | |
| Benshangul-Gumuz | | | | | | | |
| Metekel | | | | | | | |
| Asosa | | | | | | | |
| Kemeshi | | | | | | | |
| Pawe Special | | | | | | | |
| Mao Komo | | | | | | | |
| SNNP | | | | | | | |
| Gurage | | | | | | | |
| Hadiya | | | | | | | |
| Kembata Tembaro | | | | | | | |
| Sidama | | | | | | | |
| Gedio | | | | | | | |
| Wolayita | | | | | | | |
| South Omo | | | | | | | |
| Shaka | | | | | | | |
| Kaffa | | | | | | | |
| Gamo Gofa | | | | | | | |
| Bench Maji | | | | | | | |
| Yem Sp. Wereda | | | | | | | |
| Amaro Sp. Wereda | | | | | | | |
| Burji Sp. Wereda | | | | | | | |
| Konso Sp. Wereda | | | | | | | |
| Derashe Sp. Wereda | | | | | | | |
| Dawro | | | | | | | |
| Basketo Sp. Wereda | | | | | | | |
| Konta Sp. Wereda | | | | | | | |
| Silte | | | | | | | |
| Alaba Sp. Wereda | | | | | | | |
| Gambela Region | | | | | | | |
| Angnuwak | | | | | | | |
| Nuware | | | | | | | |
| Mezhenger | | | | | | | |
| Itang Special | | | | | | | |
| Harari | | | | | | | |
| Hundene | | | | | | | |
| Dire Dawa | | | | | | | |

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

| Geographic Area | Cattle | Sheep | Goats | Draught Animals | Camels | Poultry |
|--------------------|-----------|-----------|-----------|-----------------|---------|---------|
| Ethiopia | 7,084,627 | 6,388,707 | 4,881,643 | 721,081 | 111,977 | 842,697 |
| Tigray | 243,483 | 344,145 | 625,193 | 26,485 | 2,793 | 287,303 |
| North West Tigray | 58,326 | 12,109 | 185,037 | 2,246 | * | * |
| Central Tigray | 63,473 | 69,617 | 238,096 | 8,177 | * | 108,529 |
| Eastern Tigray | 20,095 | 156,172 | 27,874 | 3,184 | * | 114,329 |
| Southern Tigray | 61,508 | 90,270 | 95,260 | 8,226 | * | * |
| Western Tigray | 40,080 | * | 78,927 | 4,652 | 556 | - |
| Afar | 94,588 | 110,999 | 149,665 | 1,883 | 10,557 | 6,842 |
| Zone 1 | 65,202 | 54,970 | 72,319 | * | 6,325 | * |
| Zone 3 | 29,386 | 56,029 | 77,346 | 782 | 4,233 | 6,807 |
| Amhara | 1,538,745 | 2,491,975 | 1,513,060 | 187,882 | 7,863 | 492,391 |
| North Gondar | 401,256 | 349,146 | 421,493 | 41,725 | * | - |
| South Gondar | 145,860 | 193,385 | 206,238 | 25,191 | - | - |
| North Wolo | 113,223 | 238,260 | 117,794 | 10,917 | * | - |
| South Wolo | 139,042 | 596,419 | 97,004 | 18,522 | - | - |
| North Shewa | 116,824 | 393,288 | 219,570 | 27,213 | * | 239,311 |
| East Gojam | 175,303 | 283,886 | 132,481 | 19,671 | - | * |
| West Gojam | 258,076 | 273,658 | 73,424 | 19,419 | - | * |
| Waghamera | 36,151 | 42,500 | 181,596 | 6,072 | - | - |
| Awi | 108,743 | 111,805 | 25,096 | 16,935 | - | * |
| Oromia | 42,159 | 9,526 | 35,024 | 2,017 | 1,952 | * |
| Argoba Special | 2,109 | 102 | 3,341 | 199 | 101 | - |
| Oromia | 3,440,035 | 2,572,990 | 1,725,037 | 404,597 | 59,294 | * |
| West Wellega | 318,518 | 108,467 | 30,516 | 28,919 | * | - |
| East Wellega | 240,084 | 92,901 | 54,956 | 17,033 | - | - |
| Illubabor | 263,728 | 144,329 | 64,188 | 21,174 | - | - |
| Jimma | 440,210 | 240,646 | 80,763 | 32,961 | - | - |
| West Shewa | 368,815 | 396,938 | 137,911 | 40,950 | - | - |
| North Shewa | 136,388 | 371,896 | 50,661 | 15,589 | - | * |
| East Shewa | 123,878 | 139,686 | 140,527 | 19,303 | * | - |
| Arsi | 172,208 | 339,580 | 128,087 | 44,995 | * | * |
| West Harerghe | 122,426 | 28,910 | 213,329 | 8,100 | * | - |
| East Harerghe | 183,773 | 47,518 | 173,453 | 14,609 | * | - |
| Bale | 142,884 | 65,354 | 216,046 | 32,457 | 4,352 | - |
| Borena | 131,180 | 69,653 | 159,526 | 6,644 | * | * |
| South West Shewa | 140,269 | 73,468 | 37,047 | 18,707 | - | - |
| Guji | 126,617 | 69,091 | 86,078 | 25,429 | * | * |
| Werst Arsi | 219,097 | 231,772 | 60,989 | 41,674 | - | - |
| Kelem Wellega | 142,699 | 68,583 | 54,301 | 14,497 | * | - |
| Horoguduru Wellega | 167,262 | 84,199 | 36,659 | 21,556 | - | - |

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

TABLE 3-24 CONT'D

| Geographic Area | Cattle | Sheep | Goats | Draught Animals | Camels | Poultry |
|-------------------------|-----------|---------|---------|-----------------|--------|---------|
| Somale | 62,257 | 131,528 | 173,107 | 3,933 | 28,207 | * |
| Shinele | 2,947 | 34,636 | 65,897 | * | 1,573 | - |
| Jijiga | 24,084 | 58,360 | 45,109 | 851 | * | * |
| Liben | * | 38,532 | 62,101 | 2,142 | 22,511 | * |
| Benshangul-Gumuz | 155,070 | 39,026 | 196,105 | 19,303 | - | 17,843 |
| Metekel | 67,710 | 12,293 | 36,814 | 3,262 | - | 17,418 |
| Asosa | 60,811 | 17,072 | 129,917 | 12,875 | - | - |
| Kemeshi | 6,422 | 3,086 | 21,733 | 2,511 | - | - |
| Pawe Special | 10,836 | 1,543 | 1,499 | 158 | - | * |
| Mao Komo | 9,291 | 5,032 | 6,142 | 497 | - | - |
| SNNP | 1,506,422 | 677,515 | 453,937 | 75,844 | * | * |
| Gurage | 118,906 | 54,195 | 16,085 | 6,142 | - | - |
| Hadiya | 96,713 | 57,157 | 20,254 | 8,573 | - | - |
| Kembata Tembaro | 38,643 | 23,180 | 6,771 | 2,508 | - | * |
| Sidama | 152,275 | 55,018 | 23,936 | 11,959 | * | * |
| Gedio | 16,043 | 29,236 | * | 4,262 | - | - |
| Wolayita | 122,211 | 25,029 | 6,859 | 4,058 | - | - |
| South Omo | 122,880 | 61,062 | 155,323 | 2,841 | - | - |
| Shaka | 19,096 | 12,768 | 1,400 | 1,081 | - | - |
| Kaffa | 160,097 | 120,285 | 33,099 | 12,878 | - | * |
| Gamo Gofa | 272,897 | 60,356 | 33,802 | 7,572 | - | - |
| Bench Maji | 87,138 | 29,349 | * | 757 | - | - |
| Yem Sp. Wereda | 9,378 | 9,893 | 4,152 | 532 | - | - |
| Amaro Sp. Wereda | 30,679 | 4,703 | 20,503 | * | - | - |
| Burji Sp. Wereda | 15,612 | 957 | 9,743 | 431 | - | - |
| Konso Sp. Wereda | 33,270 | 30,717 | 57,483 | * | - | - |
| Derashe Sp. Wereda | 18,467 | 5,658 | 21,168 | 2,489 | - | - |
| Dawro | 95,849 | 16,552 | 4,485 | 3,110 | - | * |
| Basketo Sp. Wereda | 9,665 | 3,409 | 1,629 | 266 | - | - |
| Konta Sp. Wereda | 26,157 | 3,129 | 2,536 | 257 | - | - |
| Silte | 42,969 | 56,417 | 8,988 | 2,797 | - | - |
| Alaba Sp. Wereda | 17,476 | 18,446 | 15,643 | 2,344 | - | - |
| Gambela Region | 35,341 | 5,509 | 9,054 | * | - | * |
| Angnuwak | 11,350 | * | 3,741 | - | - | * |
| Nuware | 12,700 | 2,987 | 3,149 | - | - | * |
| Mezhenger | 3,683 | 808 | * | * | - | - |
| Itang Special | 7,608 | 1,390 | 2,040 | - | - | 1,168 |
| Harari | 4,376 | 565 | 6,563 | 485 | * | - |
| Hundene | 4,376 | 565 | 6,563 | 485 | * | - |
| Dire Dawa | 4,310 | 14,454 | 29,922 | 618 | 438 | * |

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

| Geographic Area | Cattle | Sheep | Goats | Draught Animals | Camels | Poultry |
|--------------------|-----------|-----------|-----------|-----------------|--------|---------|
| Ethiopia | 3,293,033 | 1,870,520 | 1,068,829 | 280,920 | 24,206 | 38,505 |
| Tigray | 119,306 | 137,064 | 203,834 | 10,104 | 1,021 | 19,081 |
| North West Tigray | 29,286 | 3,774 | 48,740 | 1,312 | * | * |
| Central Tigray | 32,032 | 31,133 | 105,631 | 2,764 | - | 16,773 |
| Eastern Tigray | 7,861 | * | * | * | - | * |
| Southern Tigray | 36,575 | 27,981 | 22,919 | 3,784 | * | - |
| Western Tigray | 13,552 | * | 19,146 | 1,402 | * | - |
| Afar | 4,067 | 6,475 | 11,829 | * | 1,168 | * |
| Zone 1 | 3,308 | 4,253 | 5,503 | * | 747 | - |
| Zone 3 | 759 | * | 6,326 | * | * | * |
| Amhara | 695,428 | 975,874 | 351,699 | 70,682 | * | 17,368 |
| North Gondar | 121,389 | 100,470 | 71,262 | 17,073 | * | - |
| South Gondar | 57,323 | 41,065 | 25,196 | 8,298 | - | - |
| North Wolo | 31,043 | 77,953 | * | 2,900 | * | - |
| South Wolo | 75,571 | 229,463 | 32,587 | 4,795 | - | - |
| North Shewa | 46,372 | * | 48,874 | 9,083 | * | 11,966 |
| East Gojam | 98,506 | 142,607 | 19,951 | 4,873 | - | - |
| West Gojam | 164,826 | 169,616 | 19,286 | 11,484 | - | * |
| Waghamera | 11,645 | * | 87,141 | * | - | - |
| Awi | 76,111 | 69,045 | 12,248 | 10,454 | - | * |
| Oromia | 12,510 | * | * | * | 1,565 | - |
| Argoba Special | 132 | - | 885 | - | * | - |
| Oromia | 1,700,160 | 619,384 | 367,694 | 167,699 | * | * |
| West Wellega | 268,808 | 62,404 | 9,220 | 22,299 | * | - |
| East Wellega | 140,030 | 28,945 | 27,817 | 11,467 | - | - |
| Illubabor | 155,836 | 43,312 | 14,110 | 11,496 | - | - |
| Jimma | 170,921 | 15,093 | * | 9,008 | - | - |
| West Shewa | 135,108 | 43,789 | * | 12,124 | - | - |
| North Shewa | 31,848 | 84,263 | * | 4,673 | - | * |
| East Shewa | 56,205 | 34,830 | 59,673 | 5,803 | * | - |
| Arsi | 70,523 | 114,443 | * | 20,416 | - | - |
| West Harerghe | 26,257 | * | 19,174 | * | - | - |
| East Harerghe | 84,061 | * | 40,510 | * | * | - |
| Bale | 41,787 | * | 27,822 | 9,248 | * | - |
| Borena | 43,110 | 8,999 | 16,546 | 2,116 | * | * |
| South West Shewa | 83,511 | 14,272 | 2,936 | 8,257 | - | - |
| Guji | 42,983 | * | * | 5,364 | * | * |
| West Arsi | 106,467 | 59,351 | 16,870 | 20,783 | - | - |
| Kelem Wellega | 126,595 | 42,681 | 32,407 | 9,253 | * | - |
| Horoguduru Wellega | 116,109 | 28,404 | 12,943 | 12,257 | - | - |

TABLE 3-25 CONT'D

| Geographic Area | Cattle | Sheep | Goats | Draught Animals | Camels | Poultry |
|-------------------------|---------|--------|--------|-----------------|--------|---------|
| Somale | 4,820 | * | 11,836 | * | 1,558 | * |
| Shinele | 379 | 1,845 | 3,044 | - | * | - |
| Jijiga | * | * | * | - | * | * |
| Liben | 3,222 | * | * | * | * | - |
| Benshangul-Gumuz | 116,596 | 17,590 | 46,696 | 7,129 | - | * |
| Metekel | 40,058 | 3,274 | 8,392 | 1,069 | - | - |
| Asosa | 57,104 | 10,972 | 32,585 | 4,399 | - | - |
| Kemeshi | 4,778 | * | * | 1,371 | - | - |
| Pawe Special | 7,638 | 1,136 | 546 | 91 | - | * |
| Mao Komo | 7,018 | 1,528 | 827 | 200 | - | - |
| SNNP | 641,292 | 98,458 | 67,268 | 24,612 | - | * |
| Gurage | 49,219 | 3,928 | * | 918 | - | - |
| Hadiya | 30,683 | 2,964 | * | 3,348 | - | - |
| Kembata Tembaro | 14,075 | * | * | 1,330 | - | - |
| Sidama | 44,980 | * | * | * | - | - |
| Gedio | 3,418 | 4,435 | - | 1,108 | - | - |
| Wolayita | 69,213 | 7,247 | * | 3,169 | - | - |
| South Omo | 16,602 | 5,559 | * | - | - | - |
| Shaka | 10,316 | 1,220 | * | 559 | - | - |
| Kaffa | 44,510 | 5,412 | - | 4,282 | - | * |
| Gamo Gofa | 148,699 | * | * | 3,805 | - | - |
| Bench Maji | 48,373 | 3,357 | * | * | - | - |
| Yem Sp. Wereda | 4,103 | 1,092 | * | * | - | - |
| Amaro Sp. Wereda | 16,188 | * | 4,027 | * | - | - |
| Burji Sp. Wereda | 8,499 | * | 1,651 | 186 | - | - |
| Konso Sp. Wereda | 23,602 | 12,925 | 23,512 | * | - | - |
| Derashe Sp. Wereda | 10,869 | 1,165 | 4,786 | 915 | - | - |
| Dawro | 51,564 | 3,635 | * | 1,868 | - | - |
| Basketo Sp. Wereda | * | 866 | * | 103 | - | - |
| Konta Sp. Wereda | 19,000 | * | * | 130 | - | - |
| Silte | 16,699 | 14,794 | 1,167 | 1,010 | - | - |
| Alaba Sp. Wereda | 3,786 | 1,638 | 1,162 | * | - | - |
| Gambela Region | 8,155 | 175 | 958 | * | - | * |
| Angnuwak | 5,577 | - | * | - | - | - |
| Nuware | * | - | * | - | - | * |
| Mezhenger | 2,242 | * | * | * | - | - |
| Itang Special | 327 | * | * | - | - | 55 |
| Harari | 2,032 | * | 1,122 | 168 | * | - |
| Hundene | 2,032 | * | 1,122 | 168 | * | - |
| Dire Dawa | 1,177 | 2,477 | 5,893 | 129 | * | * |

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

| Geographic Area | Cattle | Sheep | Goats | Horses | Donkeys | Mules | Camels | Poultry |
|--------------------|-----------|-----------|-----------|---------|---------|--------|--------|------------|
| Ethiopia | 2,762,813 | 5,061,437 | 3,896,515 | 118,199 | 255,682 | 19,263 | 48,025 | 16,995,317 |
| Tigray | 93,039 | 305,211 | 511,188 | 1,038 | 15,188 | 1,160 | 1,872 | 1,856,105 |
| North West Tigray | 22,762 | 11,634 | 146,713 | * | 1,222 | - | - | 602,525 |
| Central Tigray | 19,633 | 44,555 | 176,683 | * | 4,218 | - | * | 495,480 |
| Eastern Tigray | 9,907 | 157,898 | 41,040 | - | 3,239 | - | 637 | 139,179 |
| Southern Tigray | 26,849 | 79,768 | 84,075 | * | 5,527 | * | * | 229,233 |
| Western Tigray | 13,888 | * | 62,676 | * | 981 | * | * | 389,688 |
| Afar | 81,800 | 91,555 | 129,517 | * | 1,469 | * | 7,428 | 17,311 |
| Zone 1 | 58,062 | 42,739 | 63,021 | * | * | * | 3,944 | * |
| Zone 3 | 23,738 | 48,816 | 66,496 | - | 400 | * | * | 17,290 |
| Amhara | 468,044 | 1,933,797 | 1,152,313 | 16,208 | 90,109 | 2,550 | * | 6,234,434 |
| North Gonder | 104,627 | 302,078 | 298,948 | * | 15,361 | * | - | 2,885,321 |
| South Gonder | 39,580 | 149,629 | 174,488 | * | 8,403 | * | - | 671,736 |
| North Wolo | 51,090 | 156,036 | 63,735 | * | 7,773 | - | - | 240,502 |
| South Wolo | 52,467 | 437,039 | 77,130 | * | 4,628 | * | - | 251,639 |
| North Shewa | 53,446 | 281,325 | 175,820 | * | 17,666 | - | * | 507,523 |
| East Gojam | 50,081 | 297,090 | 113,226 | 2,544 | 10,041 | - | - | 222,411 |
| West Gojam | 57,181 | 172,680 | 68,480 | * | 18,752 | * | - | 1,054,680 |
| Waghamera | 12,176 | 50,823 | 131,195 | - | 3,467 | * | - | 56,567 |
| Awi | 19,013 | 81,418 | 15,992 | 3,214 | 3,586 | * | - | 265,259 |
| Oromia | 27,147 | 5,565 | 30,746 | - | * | - | * | 75,296 |
| Argoba Special | 1,237 | 114 | 2,554 | - | * | - | 90 | 3,500 |
| Oromia | 1,397,784 | 2,033,512 | 1,496,424 | 78,281 | 110,533 | 12,616 | 30,084 | 5,660,944 |
| West Wellega | 61,724 | 81,346 | 28,629 | * | 8,627 | * | - | 783,040 |
| East Wellega | 75,584 | 73,519 | 47,160 | * | 10,825 | - | - | 303,658 |
| Illubabor | 85,392 | 111,638 | 43,228 | 7,518 | 1,516 | * | - | 505,868 |
| Jimma | 190,646 | 193,818 | 63,746 | 6,708 | 4,503 | 4,674 | * | 404,381 |
| West Shewa | 144,700 | 299,110 | 109,005 | 11,121 | 5,974 | * | - | 520,925 |
| North Shewa | 84,945 | 292,620 | 40,310 | 3,466 | 5,915 | - | - | 145,081 |
| East Shewa | 72,753 | 109,263 | 112,258 | * | 10,616 | - | * | 358,279 |
| Arsi | 103,473 | 290,100 | 127,905 | 11,368 | 10,060 | 1,541 | * | 690,321 |
| West Harerghe | 68,655 | 30,369 | 200,736 | - | 4,554 | - | * | 218,991 |
| East Harerghe | 67,754 | 35,219 | 153,756 | * | 8,788 | - | * | 146,018 |
| Bale | 81,417 | 55,576 | 184,960 | 3,783 | 13,467 | * | 4,109 | 126,000 |
| Borena | 52,954 | 40,904 | 112,803 | * | 2,512 | * | * | 140,463 |
| South West Shewa | 58,014 | 65,249 | 36,247 | 3,758 | 7,197 | * | - | 295,636 |
| Guji | 76,226 | 58,771 | 100,681 | 10,419 | 2,003 | * | * | 223,580 |
| West Arsi | 96,078 | 174,349 | 65,430 | 10,080 | 6,299 | - | - | 205,968 |
| Kelem Wellega | 37,689 | 46,362 | 32,387 | * | 2,323 | * | - | 325,008 |
| Horoguduru Wellega | 39,783 | 75,298 | 37,184 | 3,740 | 5,352 | * | - | 267,727 |

TABLE 3-26 – a CONT'D

| Geographic Area | Cattle | Sheep | Goats | Horses | Donkeys | Mules | Camels | Poultry |
|-------------------------|---------|---------|---------|--------|---------|-------|--------|-----------|
| Somale | 25,816 | 81,439 | 87,746 | * | 1,845 | * | 7,713 | 9,112 |
| Shinele | 845 | 27,686 | 41,730 | * | 247 | - | * | * |
| Jijiga | 6,787 | 32,799 | 14,839 | - | * | * | * | - |
| Liben | * | 20,954 | 31,177 | - | 1,107 | - | 6,838 | 8,504 |
| Benshangul-Gumuz | 31,085 | 22,537 | 135,224 | * | 8,940 | 232 | - | 962,090 |
| Metekel | 12,048 | 7,118 | 26,652 | - | 1,218 | 204 | - | 196,018 |
| Asosa | 11,397 | 8,882 | 84,488 | * | 6,071 | - | - | 637,915 |
| Kemeshi | 1,616 | 2,953 | 17,618 | - | 1,346 | - | - | 57,928 |
| Pawe Special | 1,339 | 401 | 925 | - | 49 | * | - | 23,678 |
| Mao Komo | 4,685 | 3,183 | 5,541 | - | 257 | * | - | 46,550 |
| SNNP | 644,372 | 576,901 | 350,511 | 19,935 | 27,086 | 2,378 | - | 2,136,963 |
| Gurage | 64,725 | 53,591 | 16,017 | * | * | * | - | 142,136 |
| Hadiya | 54,269 | 48,310 | 18,543 | 1,525 | 2,027 | * | - | 190,766 |
| Kembata Tembaro | 20,185 | 18,367 | 5,875 | * | * | - | - | 76,463 |
| Sidama | 63,755 | 48,965 | 20,602 | * | 4,094 | - | - | 205,014 |
| Gedio | 4,150 | 21,728 | * | 662 | * | - | - | 66,507 |
| Wolayita | 51,902 | 22,767 | 7,317 | * | 1,338 | - | - | 107,253 |
| South Omo | 58,764 | 32,672 | 96,341 | * | * | * | - | 224,398 |
| Shaka | 8,718 | 11,731 | * | * | * | - | - | 112,351 |
| Kaffa | 100,159 | 111,548 | 31,583 | 8,792 | * | * | - | 261,255 |
| Gamo Gofa | 85,418 | 46,044 | 34,848 | * | 1,978 | * | - | 233,936 |
| Bench Maji | 30,388 | 36,228 | * | * | - | - | - | 226,252 |
| Yem Sp. Wereda | 3,526 | 9,065 | 3,571 | * | 214 | * | - | 12,478 |
| Amaro Sp. Wereda | 8,098 | 3,923 | 14,294 | * | * | - | - | 6,317 |
| Burji Sp. Wereda | 2,741 | 745 | 5,884 | - | 118 | - | - | 9,671 |
| Konso Sp. Wereda | 10,800 | 22,070 | 41,678 | * | * | - | - | 33,653 |
| Derashe Sp. Wereda | 5,104 | 4,470 | 17,260 | - | 495 | * | - | 28,534 |
| Dawro | 30,164 | 17,358 | 3,592 | * | 625 | * | - | 44,449 |
| Basketo Sp. Wereda | 2,633 | 2,981 | 1,102 | - | * | * | - | 21,653 |
| Konta Sp. Wereda | 8,827 | 3,521 | 1,766 | - | - | - | - | 9,237 |
| Silte | 20,257 | 46,525 | 7,998 | 1,086 | 839 | - | - | 78,340 |
| Alaba Sp. Wereda | 9,786 | 14,294 | 13,649 | 399 | 1,168 | - | - | 46,297 |
| Gambela Region | 16,630 | 3,967 | 6,307 | - | - | - | - | 108,264 |
| Angnuwak | 4,554 | * | 2,869 | - | - | - | - | 38,128 |
| Nuware | 7,726 | 2,379 | 2,174 | - | - | - | - | * |
| Mezhenger | 1,485 | 986 | * | - | - | - | - | 64,589 |
| Itang Special | 2,865 | 467 | 1,163 | - | - | - | - | 3,001 |
| Harari | 1,888 | 643 | 6,006 | - | 267 | - | * | 4,599 |
| Hundene | 1,888 | 643 | 6,006 | - | 267 | - | * | 4,599 |
| Dire Dawa | 2,355 | 11,875 | 21,280 | - | 245 | - | * | 5,496 |

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

| Geographic Area | Cattle | Sheep | Goats | Horses | Donkeys | Mules | Camels | Poultry |
|--------------------|---------|---------|-----------|--------|---------|-------|--------|------------|
| Ethiopia | 618,604 | 778,583 | 1,062,578 | 21,871 | 88,075 | 2,861 | 13,575 | 17,467,626 |
| Tigray | 49,774 | 73,072 | 177,849 | * | 18,398 | * | * | 1,391,492 |
| North West Tigray | 15,855 | 3,322 | 41,656 | - | * | - | * | 378,463 |
| Central Tigray | 6,574 | 18,922 | 59,703 | * | * | - | - | 297,665 |
| Eastern Tigray | 7,368 | 34,447 | 22,436 | - | 2,252 | - | * | 164,409 |
| Southern Tigray | 10,752 | 14,291 | 36,213 | * | * | * | - | 330,959 |
| Western Tigray | 9,226 | * | 17,841 | - | 1,340 | - | - | 219,995 |
| Afar | 47,995 | 45,630 | 74,468 | * | * | - | 3,294 | 11,942 |
| Zone 1 | 27,496 | 30,474 | 50,849 | - | * | - | 2,841 | * |
| Zone 3 | 20,499 | 15,156 | 23,619 | * | * | - | * | 11,526 |
| Amhara | 187,362 | 274,456 | 323,215 | 5,250 | 30,122 | * | * | 5,567,285 |
| North Gonder | 38,278 | 34,383 | 87,606 | * | * | - | - | 1,800,600 |
| South Gonder | 15,655 | 33,554 | 38,863 | * | 2,961 | - | - | 630,372 |
| North Wolo | 21,282 | 36,414 | 39,269 | * | 3,309 | - | - | 373,197 |
| South Wolo | 18,251 | 62,231 | 36,008 | * | 3,556 | * | - | 552,270 |
| North Shewa | 23,536 | 49,592 | 38,879 | * | 4,876 | * | - | 533,475 |
| East Gojam | 23,029 | 17,340 | 31,224 | * | 3,287 | - | - | 219,371 |
| West Gojam | 13,038 | 24,895 | 11,188 | - | 2,816 | - | * | 763,713 |
| Waghamera | 11,211 | 8,729 | 22,781 | - | * | - | - | 205,064 |
| Awi | 2,982 | 6,526 | * | * | * | * | - | 313,313 |
| Oromia | 19,545 | 767 | 14,821 | * | - | - | * | 157,650 |
| Argoba Special | 555 | * | 694 | - | * | - | * | 18,260 |
| Oromia | 234,915 | 254,725 | 351,844 | 13,031 | 31,238 | 1,230 | * | 5,678,098 |
| West Wellega | 9,196 | 16,154 | 2,539 | * | 2,441 | - | - | 405,961 |
| East Wellega | 15,070 | 15,881 | 4,985 | - | 1,496 | - | - | 290,463 |
| Illubabor | 9,968 | 8,088 | 7,189 | 1,154 | - | - | - | 439,604 |
| Jimma | 14,901 | 25,346 | 5,793 | - | - | - | - | 585,908 |
| West Shewa | 16,939 | 17,430 | 16,520 | * | 2,205 | * | - | 338,108 |
| North Shewa | 18,509 | 11,500 | 10,831 | * | 1,658 | * | - | 68,595 |
| East Shewa | 23,795 | 34,017 | 36,146 | * | * | - | * | 207,062 |
| Arsi | 22,737 | 29,512 | 39,188 | * | 2,794 | - | * | 508,461 |
| West Harerghe | 20,993 | 5,617 | 50,735 | - | 2,502 | - | * | 821,992 |
| East Harerghe | 14,900 | 12,920 | 51,267 | - | 5,342 | - | - | 560,247 |
| Bale | 15,111 | 10,602 | 43,843 | * | 3,100 | - | * | 291,628 |
| Borena | 10,698 | 4,086 | 13,354 | - | * | - | * | 159,687 |
| South West Shewa | 7,578 | 5,554 | * | * | * | * | - | 135,724 |
| Guji | 5,319 | 6,709 | 46,738 | * | * | - | * | 287,203 |
| West Arsi | 16,879 | * | 11,892 | 4,413 | 2,340 | - | - | 212,913 |
| Kelem Wellega | 6,364 | 10,171 | 4,038 | * | * | * | * | 256,475 |
| Horoguduru Wellega | 5,958 | 3,571 | 3,662 | * | 606 | * | - | 108,068 |

TABLE 3-26 – b CONT'D

| Geographic Area | Cattle | Sheep | Goats | Horses | Donkeys | Mules | Camels | Poultry |
|-------------------------|--------|---------|--------|--------|---------|-------|--------|-----------|
| Somale | 3,518 | 16,341 | 19,801 | - | 777 | - | 1,215 | 18,068 |
| Shinele | 315 | 3,559 | 7,294 | - | 306 | - | * | * |
| Jijiga | 1,765 | 8,757 | 5,923 | - | * | - | * | * |
| Liben | 1,438 | 4,026 | 6,584 | - | * | - | 1,002 | 17,602 |
| Benshangul-Gumuz | 6,972 | 4,626 | 32,715 | - | 616 | - | - | 477,854 |
| Metekel | 5,211 | 2,456 | 19,445 | - | 217 | - | - | 173,769 |
| Asosa | 865 | 1,061 | 9,600 | - | 367 | - | - | 250,159 |
| Kemeshi | * | 561 | 3,052 | - | * | - | - | 26,727 |
| Pawe Special | 135 | * | 39 | - | - | - | - | 9,183 |
| Mao Komo | 380 | 531 | 579 | - | - | - | - | 18,017 |
| SNNP | 83,243 | 104,226 | 72,217 | 2,377 | * | * | - | 4,146,337 |
| Gurage | 10,324 | 9,890 | 4,265 | - | * | - | - | 178,936 |
| Hadiya | 8,804 | 5,300 | 4,074 | * | * | - | - | 344,700 |
| Kembata Tembaro | 2,780 | 2,373 | * | - | * | - | - | 258,029 |
| Sidama | 8,636 | 5,360 | 3,702 | * | - | - | - | 715,560 |
| Gedio | * | 2,919 | * | - | - | - | - | 134,226 |
| Wolayita | 7,186 | 4,082 | * | - | - | - | - | 322,160 |
| South Omo | 9,355 | 6,841 | * | * | - | - | - | 153,276 |
| Shaka | 833 | 3,705 | * | * | - | * | - | 124,700 |
| Kaffa | 5,106 | 20,817 | 8,631 | * | * | - | - | 662,613 |
| Gamo Gofa | 9,854 | 7,198 | 12,733 | * | * | - | - | 426,725 |
| Bench Maji | 5,840 | 13,417 | * | * | - | - | - | 334,751 |
| Yem Sp. Wereda | 715 | 487 | 392 | - | - | - | - | 21,848 |
| Amaro Sp. Wereda | 1,087 | 184 | 831 | - | - | - | - | 16,129 |
| Burji Sp. Wereda | 1,057 | * | 1,755 | * | * | - | - | 11,541 |
| Konso Sp. Wereda | * | 661 | 5,639 | - | - | - | - | 19,972 |
| Derashe Sp. Wereda | * | 707 | 1,186 | - | * | - | - | 41,691 |
| Dawro | 4,486 | 6,861 | 3,538 | * | * | * | - | 56,823 |
| Basketo Sp. Wereda | 271 | 417 | * | - | - | - | - | 33,158 |
| Konta Sp. Wereda | 408 | 1,435 | 1,208 | - | - | - | - | 44,163 |
| Silte | 3,143 | 9,057 | 1,144 | - | - | - | - | 166,165 |
| Alaba Sp. Wereda | 2,192 | 2,464 | 2,399 | - | * | - | - | 79,171 |
| Gambela Region | 3,813 | 1,811 | 1,605 | - | - | - | - | 142,379 |
| Angnuwak | * | - | * | - | - | - | - | 79,361 |
| Nuware | * | * | * | - | - | - | - | * |
| Mezhenger | 141 | * | * | - | - | - | - | 59,618 |
| Itang Special | 462 | 57 | 175 | - | - | - | - | 2,520 |
| Harari | 417 | 128 | 1,817 | - | * | - | - | 18,126 |
| Hundene | 417 | 128 | 1,817 | - | * | - | - | 18,126 |
| Dire Dawa | 594 | 3,568 | 7,048 | - | 113 | - | 98 | 594 |

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

| Geographic Area | Holdings with no cattle | 1-2 Head | 3-4 Head | 5-9 Head | 10-19 Head | 20-49 Head | 50-99 Head | 100-199 Head | >=200 Head |
|--------------------|-------------------------|-----------|-----------|-----------|------------|------------|------------|--------------|------------|
| Ethiopia | 2,590,914 | 3,478,057 | 3,356,546 | 2,906,563 | 661,112 | 117,380 | 7,586 | 2,123 | 486 |
| Tigray | 171,369 | 195,313 | 217,989 | 195,379 | 40,315 | 9,773 | 1,037 | - | - |
| North West Tigray | 19,314 | 25,552 | 33,278 | 45,515 | 17,072 | 3,278 | 277 | - | - |
| Central Tigray | 52,724 | 59,474 | 76,682 | 61,109 | 2,090 | - | - | - | - |
| Eastern Tigray | 35,408 | 40,923 | 48,890 | 22,946 | 1,137 | - | - | - | - |
| Southern Tigray | 53,057 | 59,443 | 50,156 | 46,732 | 8,272 | 722 | - | - | - |
| Western Tigray | 10,866 | 9,921 | 8,983 | 19,076 | 11,745 | 5,774 | 759 | - | - |
| Afar | 10,456 | 3,056 | 4,672 | 8,775 | 7,345 | 6,307 | 628 | 85 | - |
| Zone 1 | 3,470 | 983 | 2,487 | 6,396 | 5,021 | 3,357 | 168 | - | - |
| Zone 3 | 6,986 | 2,073 | 2,186 | 2,379 | 2,324 | 2,949 | 460 | 85 | - |
| Amhara | 620,185 | 1,040,203 | 1,043,479 | 762,884 | 122,070 | 11,418 | 476 | - | - |
| North Gonder | 100,435 | 131,437 | 128,031 | 135,977 | 39,219 | 5,624 | 476 | - | - |
| South Gonder | 66,967 | 146,588 | 141,642 | 85,055 | 5,722 | 368 | - | - | - |
| North Wolo | 66,171 | 100,489 | 114,145 | 61,954 | 4,188 | 286 | - | - | - |
| South Wolo | 65,176 | 167,253 | 215,790 | 99,147 | 4,468 | - | - | - | - |
| North Shewa | 90,857 | 129,291 | 119,637 | 78,341 | 3,730 | 316 | - | - | - |
| East Gojam | 75,101 | 153,946 | 110,206 | 94,650 | 20,660 | 1,771 | - | - | - |
| West Gojam | 76,273 | 120,358 | 119,806 | 124,325 | 26,426 | 2,328 | - | - | - |
| Waghamera | 19,671 | 28,923 | 23,796 | 19,737 | 1,967 | 121 | - | - | - |
| Awi | 40,211 | 34,742 | 41,534 | 45,339 | 12,259 | 592 | - | - | - |
| Oromia | 17,567 | 25,529 | 27,140 | 16,868 | 3,252 | - | - | - | - |
| Argoba Special | 1,753 | 1,648 | 1,752 | 1,491 | 179 | 12 | - | - | - |
| Oromia | 1,095,558 | 1,320,568 | 1,202,243 | 1,288,132 | 387,981 | 69,720 | 1,953 | 407 | 254 |
| West Wellega | 103,164 | 51,368 | 39,850 | 51,337 | 16,171 | 4,484 | 463 | - | - |
| East Wellega | 59,380 | 53,310 | 41,034 | 56,027 | 16,236 | 1,727 | - | - | - |
| Illubabor | 84,224 | 60,617 | 53,330 | 50,684 | 17,880 | 2,291 | - | - | - |
| Jimma | 89,453 | 130,635 | 165,207 | 144,815 | 25,923 | 741 | - | - | - |
| West Shewa | 94,323 | 95,494 | 88,504 | 108,379 | 32,282 | 3,690 | - | - | - |
| North Shewa | 45,444 | 58,382 | 76,403 | 94,468 | 26,054 | 3,976 | 260 | - | - |
| East Shewa | 68,492 | 64,946 | 50,865 | 68,996 | 22,248 | 6,693 | - | - | - |
| Arsi | 88,998 | 106,124 | 118,499 | 165,817 | 52,444 | 8,174 | - | - | - |
| West Harerghe | 52,082 | 105,561 | 106,127 | 85,378 | 12,588 | 881 | - | - | - |
| East Harerghe | 76,733 | 261,602 | 145,320 | 66,299 | 9,600 | 1,053 | - | - | - |
| Bale | 39,276 | 52,319 | 57,631 | 91,160 | 29,341 | 2,296 | - | - | - |
| Borena | 36,151 | 35,173 | 25,925 | 41,220 | 23,083 | 12,394 | 658 | 407 | 254 |
| South West Shewa | 42,724 | 61,227 | 66,356 | 54,548 | 11,979 | 556 | - | - | - |
| Guji | 56,001 | 42,920 | 37,934 | 53,560 | 27,630 | 9,607 | - | - | - |
| West Arsi | 73,301 | 80,771 | 80,329 | 100,735 | 44,212 | 8,012 | 572 | - | - |
| Kelem Wellega | 65,027 | 42,090 | 27,665 | 22,753 | 4,303 | 125 | - | - | - |
| Horoguduru Wellega | 20,788 | 18,028 | 21,264 | 31,955 | 16,008 | 3,020 | - | - | - |

TABLE 3- 27-a CONT'D

| Geographic Area | Holdings with no cattle | 1-2 Head | 3-4 Head | 5-9 Head | 10-19 Head | 20-49 Head | 50-99 Head | 100-199 Head | >=200 Head |
|-------------------------|-------------------------|----------|----------|----------|------------|------------|------------|--------------|------------|
| Somale | 47,556 | 20,452 | 26,860 | 32,221 | 16,740 | 2,897 | 343 | - | - |
| Shinele | 13,356 | 2,057 | 1,825 | 1,945 | 778 | 225 | - | - | - |
| Jijiga | 16,144 | 12,505 | 18,384 | 21,837 | 10,031 | 751 | 96 | - | - |
| Liben | 18,055 | 5,890 | 6,651 | 8,439 | 5,930 | 1,922 | 247 | - | - |
| Benshangul-Gumuz | 68,864 | 22,327 | 18,278 | 19,403 | 8,052 | 1,449 | 19 | - | - |
| Metekel | 13,554 | 8,588 | 8,279 | 12,274 | 6,974 | 1,321 | - | - | - |
| Asosa | 34,901 | 8,198 | 6,746 | 4,432 | 305 | - | - | - | - |
| Kemeshi | 12,978 | 2,211 | 1,136 | 724 | 266 | 33 | - | - | - |
| Pawe Special | 2,168 | 1,353 | 902 | 1,028 | 366 | 94 | 19 | - | - |
| Mao Komo | 5,265 | 1,976 | 1,215 | 945 | 141 | - | - | - | - |
| SNNP | 554,255 | 852,789 | 827,986 | 592,165 | 74,370 | 12,549 | 2,998 | 1,558 | 232 |
| Gurage | 28,390 | 61,598 | 108,154 | 94,659 | 5,831 | 275 | - | - | - |
| Hadiya | 29,358 | 76,692 | 75,081 | 43,781 | 3,856 | 623 | - | 209 | - |
| Kembata Tembaro | 19,305 | 42,043 | 45,701 | 16,596 | 324 | 105 | - | 105 | - |
| Sidama | 112,872 | 222,982 | 145,023 | 82,613 | 14,720 | 710 | - | - | - |
| Gedio | 112,635 | 38,281 | 9,537 | 4,425 | 635 | - | - | - | - |
| Wolayita | 27,217 | 104,447 | 104,213 | 37,790 | 2,457 | - | - | - | - |
| South Omo | 36,024 | 21,629 | 16,744 | 17,633 | 8,963 | 7,273 | 2,485 | 744 | - |
| Shaka | 16,262 | 10,989 | 8,062 | 4,062 | 916 | 106 | - | - | - |
| Kaffa | 25,742 | 43,972 | 49,743 | 61,012 | 9,826 | 917 | 464 | 464 | 232 |
| Gamo Gofa | 52,742 | 88,205 | 94,097 | 78,857 | 8,458 | 499 | - | - | - |
| Bench Maji | 24,201 | 33,137 | 35,154 | 33,309 | 3,213 | 292 | - | - | - |
| Yem Sp. Wereda | 2,975 | 3,342 | 5,662 | 4,806 | 410 | 81 | 49 | 24 | - |
| Amaro Sp. Wereda | 4,214 | 6,606 | 8,487 | 8,259 | 1,637 | 125 | - | - | - |
| Burji Sp. Wereda | 1,660 | 2,076 | 2,047 | 2,948 | 926 | 142 | - | 12 | - |
| Konso Sp. Wereda | 13,521 | 11,916 | 7,615 | 8,146 | 2,729 | 663 | - | - | - |
| Derashe Sp. Wereda | 11,916 | 5,738 | 4,098 | 3,638 | 895 | 129 | - | - | - |
| Dawro | 9,165 | 18,462 | 27,431 | 28,404 | 3,139 | - | - | - | - |
| Basketo Sp. Wereda | 4,140 | 5,756 | 4,071 | 2,015 | 72 | - | - | - | - |
| Konta Sp. Wereda | 2,540 | 4,877 | 5,877 | 5,553 | 712 | 29 | - | - | - |
| Silte | 14,586 | 40,063 | 58,755 | 41,105 | 2,358 | - | - | - | - |
| Alaba Sp. Wereda | 4,792 | 9,977 | 12,436 | 12,553 | 2,294 | 579 | - | - | - |
| Gambela Region | 15,460 | 6,888 | 3,959 | 3,555 | 4,004 | 3,241 | 133 | 74 | - |
| Angnuwak | 6,287 | 1,960 | 1,579 | 1,074 | 269 | 347 | - | - | - |
| Nuware | 654 | 102 | 316 | 884 | 2,694 | 1,963 | 92 | 61 | - |
| Mezhenger | 7,428 | 4,627 | 1,741 | 761 | - | - | - | - | - |
| Itang Special | 1,090 | 199 | 323 | 836 | 1,041 | 932 | 41 | 14 | - |
| Harari | 3,325 | 7,472 | 5,372 | 1,686 | 88 | - | - | - | - |
| Hundene | 3,325 | 7,472 | 5,372 | 1,686 | 88 | - | - | - | - |
| Dire Dawa | 3,880 | 8,990 | 5,707 | 2,364 | 148 | 27 | - | - | - |

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

| Geographic Area | Holdings with no Sheep | 1-4 Head | 5-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | 200-499 Head | >=500 Head |
|--------------------|------------------------|-----------|-----------|------------|------------|--------------|--------------|------------|
| Ethiopia | 7,956,621 | 3,209,356 | 1,359,606 | 583,254 | 9,804 | 1,876 | 250 | - |
| Tigray | 635,509 | 77,894 | 70,028 | 47,180 | 381 | 183 | - | - |
| North West Tigray | 133,052 | 3,586 | 4,474 | 3,174 | - | - | - | - |
| Central Tigray | 202,023 | 22,609 | 18,194 | 9,253 | - | - | - | - |
| Eastern Tigray | 68,287 | 25,827 | 32,302 | 22,888 | - | - | - | - |
| Southern Tigray | 172,563 | 23,242 | 11,609 | 10,404 | 381 | 183 | - | - |
| Western Tigray | 59,586 | 2,629 | 3,449 | 1,460 | - | - | - | - |
| Afar | 17,321 | 6,069 | 5,053 | 12,003 | 723 | 155 | - | - |
| Zone 1 | 7,606 | 3,027 | 3,012 | 7,839 | 323 | 75 | - | - |
| Zone 3 | 9,714 | 3,042 | 2,041 | 4,164 | 400 | 81 | - | - |
| Amhara | 2,056,481 | 732,330 | 533,644 | 277,053 | 1,207 | - | - | - |
| North Gonder | 387,138 | 76,192 | 47,984 | 29,489 | 396 | - | - | - |
| South Gonder | 271,275 | 99,481 | 60,788 | 14,798 | - | - | - | - |
| North Wolo | 207,041 | 58,466 | 43,169 | 37,746 | 811 | - | - | - |
| South Wolo | 232,011 | 104,961 | 130,999 | 83,863 | - | - | - | - |
| North Shewa | 261,997 | 73,549 | 46,573 | 40,053 | - | - | - | - |
| East Gojam | 204,273 | 115,085 | 96,768 | 40,208 | - | - | - | - |
| West Gojam | 251,451 | 137,887 | 62,083 | 18,095 | - | - | - | - |
| Waghamera | 71,303 | 10,993 | 8,682 | 3,237 | - | - | - | - |
| Awi | 86,637 | 44,065 | 34,521 | 9,454 | - | - | - | - |
| Oromia | 76,868 | 11,325 | 2,053 | 110 | - | - | - | - |
| Argoba Special | 6,488 | 325 | 22 | - | - | - | - | - |
| Oromia | 3,294,755 | 1,368,901 | 524,873 | 176,476 | 1,469 | 342 | - | - |
| West Wellega | 183,543 | 61,848 | 19,679 | 1,767 | - | - | - | - |
| East Wellega | 153,409 | 52,831 | 19,204 | 2,270 | - | - | - | - |
| Illubabor | 142,594 | 96,629 | 26,850 | 2,953 | - | - | - | - |
| Jimma | 270,468 | 231,477 | 51,430 | 3,399 | - | - | - | - |
| West Shewa | 235,641 | 103,544 | 63,370 | 20,117 | - | - | - | - |
| North Shewa | 138,696 | 72,929 | 59,648 | 33,464 | 250 | - | - | - |
| East Shewa | 180,287 | 54,869 | 27,595 | 18,873 | 616 | - | - | - |
| Arsi | 272,132 | 129,337 | 96,975 | 40,943 | 327 | 342 | - | - |
| West Harerghe | 279,525 | 75,186 | 6,851 | 1,055 | - | - | - | - |
| East Harerghe | 433,820 | 109,026 | 13,282 | 4,479 | - | - | - | - |
| Bale | 219,072 | 31,425 | 16,028 | 5,498 | - | - | - | - |
| Borena | 118,415 | 40,368 | 12,072 | 4,410 | - | - | - | - |
| South West Shewa | 171,232 | 49,323 | 14,585 | 2,250 | - | - | - | - |
| Guji | 119,448 | 79,720 | 24,651 | 3,833 | - | - | - | - |
| West Arsi | 210,896 | 106,290 | 43,661 | 26,810 | 275 | - | - | - |
| Kelem Wellega | 103,527 | 41,369 | 15,464 | 1,603 | - | - | - | - |
| Horoguduru Wellega | 62,052 | 32,730 | 13,529 | 2,752 | - | - | - | - |

TABLE 3-27 - b CONT'D

| Geographic Area | Holdings with no Sheep | 1-4 Head | 5-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | 200-499 Head | >=500 Head |
|-------------------------|---------------------------|----------|----------|------------|------------|-----------------|-----------------|------------|
| Somale | 72,517 | 18,672 | 16,229 | 33,924 | 4,411 | 1,072 | 244 | - |
| Shinele | 8,271 | 2,824 | 2,518 | 5,291 | 1,158 | 124 | - | - |
| Jijiga | 39,919 | 9,425 | 7,115 | 19,149 | 2,995 | 901 | 244 | - |
| Liben | 24,325 | 6,423 | 6,597 | 9,484 | 258 | 47 | - | - |
| Benshangul-Gumuz | 114,575 | 18,248 | 4,891 | 678 | - | - | - | - |
| Metekel | 39,536 | 8,625 | 2,419 | 410 | - | - | - | - |
| Asosa | 48,714 | 5,085 | 634 | 149 | - | - | - | - |
| Kemeshi | 14,205 | 2,125 | 988 | 30 | - | - | - | - |
| Pawe Special | 5,320 | 418 | 163 | 29 | - | - | - | - |
| Mao Komo | 6,798 | 1,996 | 688 | 60 | - | - | - | - |
| SNNP | 1,710,218 | 973,739 | 199,795 | 33,467 | 1,560 | 123 | - | - |
| Gurage | 155,263 | 113,955 | 26,687 | 3,002 | - | - | - | - |
| Hadiya | 115,727 | 103,109 | 10,540 | 224 | - | - | - | - |
| Kembata Tembaro | 76,453 | 44,444 | 3,282 | - | - | - | - | - |
| Sidama | 419,473 | 137,934 | 19,913 | 1,600 | - | - | - | - |
| Gedio | 109,803 | 45,231 | 9,035 | 1,444 | - | - | - | - |
| Wolayita | 167,352 | 103,848 | 4,924 | - | - | - | - | - |
| South Omo | 63,148 | 25,563 | 12,394 | 8,943 | 1,324 | 123 | - | - |
| Shaka | 23,938 | 13,115 | 3,134 | 210 | - | - | - | - |
| Kaffa | 67,019 | 90,212 | 29,598 | 5,543 | - | - | - | - |
| Gamo Gofa | 232,302 | 60,535 | 23,470 | 6,551 | - | - | - | - |
| Bench Maji | 60,487 | 58,767 | 9,315 | 737 | - | - | - | - |
| Yem Sp. Wereda | 7,741 | 7,568 | 1,943 | 97 | - | - | - | - |
| Amaro Sp. Wereda | 19,890 | 5,877 | 2,700 | 861 | - | - | - | - |
| Burji Sp. Wereda | 8,362 | 1,088 | 311 | 50 | - | - | - | - |
| Konso Sp. Wereda | 14,596 | 20,123 | 7,577 | 2,221 | 73 | - | - | - |
| Derashe Sp. Wereda | 19,348 | 5,697 | 1,235 | 134 | - | - | - | - |
| Dawro | 45,896 | 36,243 | 4,377 | 85 | - | - | - | - |
| Basketo Sp. Wereda | 11,046 | 4,530 | 478 | - | - | - | - | - |
| Konta Sp. Wereda | 12,515 | 6,571 | 470 | 32 | - | - | - | - |
| Silte | 56,066 | 74,028 | 25,083 | 1,527 | 163 | - | - | - |
| Alaba Sp. Wereda | 23,793 | 15,303 | 3,330 | 205 | - | - | - | - |
| Gambela Region | 30,336 | 4,242 | 1,392 | 1,285 | 53 | - | - | 6 |
| Angnuwak | 10,966 | 417 | 69 | 64 | - | - | - | - |
| Nuware | 4,693 | 645 | 633 | 763 | 32 | - | - | - |
| Mezhenger | 11,334 | 2,807 | 369 | 47 | - | - | - | - |
| Itang Special | 3,343 | 373 | 321 | 412 | 21 | - | - | 6 |
| Harari | 15,610 | 2,155 | 178 | - | - | - | - | - |
| Hundene | 15,610 | 2,155 | 178 | - | - | - | - | - |
| Dire Dawa | 9,300 | 7,105 | 3,523 | 1,188 | - | - | - | - |

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

| Geographic Area | Holdings with no Goats | 1-4 Head | 5-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | 200-499 Head | >=500 Head |
|--------------------|------------------------|-----------|----------|------------|------------|--------------|--------------|------------|
| Ethiopia | 9,363,786 | 2,227,876 | 998,078 | 510,817 | 15,989 | 3,602 | 619 | - |
| Tigray | 487,493 | 109,184 | 125,550 | 107,149 | 1,524 | 275 | - | - |
| North West Tigray | 58,592 | 22,691 | 27,337 | 34,668 | 998 | - | - | - |
| Central Tigray | 110,388 | 41,438 | 56,299 | 43,404 | 275 | 275 | - | - |
| Eastern Tigray | 119,957 | 11,862 | 10,033 | 7,452 | - | - | - | - |
| Southern Tigray | 164,154 | 22,060 | 20,203 | 11,786 | 179 | - | - | - |
| Western Tigray | 34,404 | 11,132 | 11,678 | 9,839 | 71 | - | - | - |
| Afar | 10,736 | 6,030 | 5,148 | 17,484 | 1,743 | 183 | - | - |
| Zone 1 | 3,811 | 2,901 | 3,044 | 11,345 | 722 | 59 | - | - |
| Zone 3 | 6,925 | 3,130 | 2,104 | 6,138 | 1,021 | 124 | - | - |
| Amhara | 2,506,453 | 633,915 | 333,019 | 126,931 | 266 | 131 | - | - |
| North Gonder | 323,985 | 112,752 | 66,382 | 38,080 | - | - | - | - |
| South Gonder | 279,060 | 100,781 | 54,777 | 11,724 | - | - | - | - |
| North Wolo | 231,052 | 69,194 | 35,683 | 11,304 | - | - | - | - |
| South Wolo | 387,797 | 108,986 | 41,355 | 13,696 | - | - | - | - |
| North Shewa | 281,904 | 76,976 | 46,443 | 16,849 | - | - | - | - |
| East Gojam | 380,389 | 42,075 | 24,540 | 9,330 | - | - | - | - |
| West Gojam | 380,159 | 61,371 | 22,673 | 5,313 | - | - | - | - |
| Waghamera | 38,242 | 24,175 | 19,100 | 12,301 | 266 | 131 | - | - |
| Awi | 151,006 | 12,980 | 8,084 | 2,607 | - | - | - | - |
| Oromia | 49,655 | 23,010 | 12,608 | 5,083 | - | - | - | - |
| Argoba Special | 3,201 | 1,616 | 1,375 | 643 | - | - | - | - |
| Oromia | 3,838,432 | 966,554 | 392,265 | 166,642 | 2,923 | - | - | - |
| West Wellega | 238,409 | 21,257 | 4,966 | 2,205 | - | - | - | - |
| East Wellega | 183,501 | 32,777 | 9,804 | 1,632 | - | - | - | - |
| Illubabor | 216,279 | 39,693 | 10,703 | 2,351 | - | - | - | - |
| Jimma | 467,674 | 74,028 | 14,758 | 314 | - | - | - | - |
| West Shewa | 350,065 | 47,876 | 18,952 | 5,779 | - | - | - | - |
| North Shewa | 250,751 | 29,724 | 20,286 | 4,226 | - | - | - | - |
| East Shewa | 207,456 | 30,933 | 24,090 | 18,329 | 1,432 | - | - | - |
| Arsi | 413,355 | 74,740 | 36,929 | 14,554 | 478 | - | - | - |
| West Harerghe | 156,572 | 128,968 | 56,500 | 20,577 | - | - | - | - |
| East Harerghe | 244,095 | 242,475 | 49,338 | 24,268 | 431 | - | - | - |
| Bale | 143,557 | 54,663 | 51,289 | 22,514 | - | - | - | - |
| Borena | 88,764 | 36,379 | 27,319 | 22,221 | 582 | - | - | - |
| South West Shewa | 182,546 | 41,199 | 10,700 | 2,945 | - | - | - | - |
| Guji | 163,538 | 28,755 | 21,616 | 13,743 | - | - | - | - |
| West Arsi | 314,905 | 47,958 | 17,599 | 7,470 | - | - | - | - |
| Kelem Wellega | 131,349 | 18,530 | 9,889 | 2,195 | - | - | - | - |
| Horoguduru Wellega | 85,623 | 16,595 | 7,528 | 1,317 | - | - | - | - |

TABLE 3- 27- c CONT'D

| Geographic Area | Holdings with no Goats | 1-4 Head | 5-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | 200-499 Head | >=500 Head |
|-------------------------|---------------------------|----------|----------|------------|------------|-----------------|-----------------|------------|
| Somale | 47,337 | 27,374 | 22,397 | 43,248 | 4,925 | 1,293 | 495 | - |
| Shinele | 2,903 | 3,215 | 2,912 | 7,748 | 2,162 | 906 | 340 | - |
| Jijiga | 30,044 | 16,593 | 11,810 | 19,714 | 1,422 | 125 | 40 | - |
| Liben | 14,390 | 7,566 | 7,675 | 15,785 | 1,340 | 262 | 116 | - |
| Benshangul-Gumuz | 81,552 | 27,286 | 19,267 | 10,123 | 164 | - | - | - |
| Metekel | 28,471 | 9,518 | 8,527 | 4,384 | 90 | - | - | - |
| Asosa | 33,186 | 10,363 | 6,875 | 4,083 | 75 | - | - | - |
| Kemeshi | 8,458 | 4,607 | 2,777 | 1,506 | - | - | - | - |
| Pawe Special | 5,302 | 421 | 157 | 50 | - | - | - | - |
| Mao Komo | 6,136 | 2,376 | 930 | 100 | - | - | - | - |
| SNNP | 2,353,292 | 437,899 | 89,802 | 31,768 | 4,310 | 1,708 | 123 | - |
| Gurage | 249,052 | 39,135 | 8,787 | 1,933 | - | - | - | - |
| Hadiya | 193,941 | 29,576 | 5,680 | 403 | - | - | - | - |
| Kembata Tembaro | 102,400 | 19,964 | 1,815 | - | - | - | - | - |
| Sidama | 516,814 | 57,576 | 4,121 | 409 | - | - | - | - |
| Gedio | 161,597 | 3,297 | 619 | - | - | - | - | - |
| Wolayita | 231,844 | 38,108 | 5,276 | 896 | - | - | - | - |
| South Omo | 72,498 | 14,384 | 8,214 | 11,054 | 3,585 | 1,637 | 123 | - |
| Shaka | 36,507 | 3,283 | 607 | - | - | - | - | - |
| Kaffa | 138,005 | 47,206 | 6,352 | 809 | - | - | - | - |
| Gamo Gofa | 252,498 | 53,660 | 13,947 | 2,753 | - | - | - | - |
| Bench Maji | 103,505 | 23,054 | 2,612 | 135 | - | - | - | - |
| Yem Sp. Wereda | 11,556 | 4,431 | 1,162 | 200 | - | - | - | - |
| Amaro Sp. Wereda | 15,109 | 8,170 | 4,125 | 1,924 | - | - | - | - |
| Burji Sp. Wereda | 4,517 | 2,474 | 1,938 | 882 | - | - | - | - |
| Konso Sp. Wereda | 13,574 | 15,110 | 8,339 | 6,771 | 725 | 71 | - | - |
| Derashe Sp. Wereda | 11,052 | 9,398 | 4,055 | 1,909 | - | - | - | - |
| Dawro | 68,282 | 15,667 | 2,569 | 83 | - | - | - | - |
| Basketo Sp. Wereda | 12,193 | 3,212 | 517 | 132 | - | - | - | - |
| Konta Sp. Wereda | 14,851 | 4,251 | 486 | - | - | - | - | - |
| Silte | 119,750 | 31,265 | 5,527 | 325 | - | - | - | - |
| Alaba Sp. Wereda | 23,748 | 14,677 | 3,054 | 1,152 | - | - | - | - |
| Gambela Region | 29,225 | 3,813 | 2,610 | 1,633 | 33 | - | - | - |
| Angnuwak | 8,834 | 1,647 | 778 | 257 | - | - | - | - |
| Nuware | 3,459 | 1,087 | 1,312 | 884 | 24 | - | - | - |
| Mezhenger | 14,082 | 426 | 49 | - | - | - | - | - |
| Itang Special | 2,851 | 652 | 472 | 492 | 9 | - | - | - |
| Harari | 6,332 | 8,724 | 2,686 | 201 | - | - | - | - |
| Hundene | 6,332 | 8,724 | 2,686 | 201 | - | - | - | - |
| Dire Dawa | 2,932 | 7,098 | 5,333 | 5,638 | 102 | 13 | - | - |

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

| Geographic Area | Horses | | | | | Donkeys | | | | |
|--------------------|-------------------------|----------|----------|----------|-----------|--------------------------|-----------|-----------|----------|-----------|
| | Holdings with no Horses | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head | Holdings with no Donkeys | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head |
| Ethiopia | 11,991,603 | 991,219 | 113,985 | 23,509 | 451 | 13,120,767 | 9,625,041 | 3,229,400 | 246,522 | 17,999 |
| Tigray | 825,373 | 4,131 | 1,184 | 325 | 162 | 831,175 | 514,151 | 290,343 | 25,097 | 1,584 |
| North West Tigray | 144,286 | - | - | - | - | 144,286 | 91,596 | 49,914 | 2,776 | - |
| Central Tigray | 252,079 | - | - | - | - | 252,079 | 164,899 | 76,935 | 9,809 | 436 |
| Eastern Tigray | 148,809 | 495 | - | - | - | 149,304 | 87,920 | 56,738 | 4,331 | 315 |
| Southern Tigray | 214,273 | 2,810 | 812 | 325 | 162 | 218,382 | 131,913 | 79,103 | 6,631 | 735 |
| Western Tigray | 65,926 | 826 | 372 | - | - | 67,124 | 37,824 | 27,653 | 1,549 | 98 |
| Afar | 41,289 | 35 | - | - | - | 41,324 | 30,069 | 7,321 | 2,053 | 845 |
| Zone 1 | 21,847 | 35 | - | - | - | 21,882 | 15,800 | 4,660 | 1,155 | 227 |
| Zone 3 | 19,442 | - | - | - | - | 19,442 | 14,269 | 2,661 | 898 | 618 |
| Amhara | 3,386,235 | 198,507 | 13,649 | 2,324 | - | 3,600,715 | 2,341,469 | 1,175,396 | 80,333 | 3,517 |
| North Gonder | 512,434 | 27,592 | 1,173 | - | - | 541,199 | 373,161 | 156,026 | 10,857 | 1,155 |
| South Gonder | 433,484 | 12,858 | - | - | - | 446,342 | 298,905 | 138,867 | 8,570 | - |
| North Wolo | 323,706 | 22,184 | 1,089 | 254 | - | 347,233 | 227,117 | 114,636 | 5,243 | 237 |
| South Wolo | 494,507 | 56,940 | 387 | - | - | 551,834 | 312,821 | 224,707 | 13,906 | 400 |
| North Shewa | 403,137 | 18,735 | 300 | - | - | 422,172 | 224,935 | 182,598 | 13,745 | 894 |
| East Gojam | 423,943 | 28,466 | 3,072 | 853 | - | 456,334 | 288,761 | 152,240 | 15,012 | 321 |
| West Gojam | 459,309 | 7,802 | 2,091 | 314 | - | 469,516 | 346,850 | 116,757 | 5,556 | 353 |
| Waghamera | 94,092 | 123 | - | - | - | 94,215 | 55,848 | 34,310 | 3,900 | 157 |
| Awi | 144,507 | 23,730 | 5,537 | 903 | - | 174,677 | 140,723 | 31,198 | 2,756 | - |
| Oromia | 90,280 | 76 | - | - | - | 90,356 | 66,946 | 22,645 | 765 | - |
| Argoba Special | 6,835 | - | - | - | - | 6,835 | 5,401 | 1,412 | 22 | - |
| Oromia | 4,722,148 | 536,629 | 88,171 | 19,580 | 288 | 5,366,816 | 3,867,531 | 1,367,783 | 120,193 | 10,600 |
| West Wellega | 265,767 | 1,070 | - | - | - | 266,837 | 204,664 | 53,954 | 7,782 | 205 |
| East Wellega | 226,105 | 1,609 | - | - | - | 227,714 | 177,268 | 47,345 | 2,686 | 415 |
| Illubabor | 242,107 | 24,025 | 2,664 | 230 | - | 269,026 | 255,892 | 12,006 | 905 | 223 |
| Jimma | 499,928 | 52,572 | 3,887 | 387 | - | 556,774 | 512,797 | 42,887 | 1,090 | - |
| West Shewa | 331,200 | 74,546 | 14,729 | 2,197 | - | 422,672 | 344,377 | 71,650 | 6,160 | 485 |
| North Shewa | 244,804 | 52,465 | 7,457 | 261 | - | 304,987 | 179,790 | 112,857 | 10,756 | 1,584 |
| East Shewa | 271,516 | 10,271 | 453 | - | - | 282,240 | 128,572 | 130,012 | 20,691 | 2,965 |
| Arsi | 395,803 | 122,806 | 18,941 | 2,506 | - | 540,056 | 333,330 | 188,707 | 16,424 | 1,117 |
| West Harerghe | 360,879 | 1,738 | - | - | - | 362,617 | 223,677 | 134,173 | 4,767 | - |
| East Harerghe | 558,942 | 1,665 | - | - | - | 560,607 | 387,593 | 167,896 | 5,118 | - |
| Bale | 250,205 | 19,264 | 2,133 | 421 | - | 272,023 | 140,415 | 120,024 | 11,376 | 208 |
| Borena | 173,569 | 1,696 | - | - | - | 175,265 | 138,000 | 33,233 | 3,830 | 202 |
| South West Shewa | 203,568 | 32,520 | 1,302 | - | - | 237,390 | 147,740 | 82,289 | 7,185 | 176 |
| Guji | 156,145 | 55,069 | 11,996 | 4,442 | - | 227,652 | 191,878 | 31,645 | 3,955 | 174 |
| West Arsi | 289,039 | 70,051 | 20,842 | 7,712 | 288 | 387,932 | 279,486 | 93,281 | 12,807 | 2,358 |
| Kelem Wellega | 154,775 | 5,567 | 1,122 | 499 | - | 161,963 | 140,565 | 20,855 | 543 | - |
| Horoguduru Wellega | 97,797 | 9,696 | 2,645 | 925 | - | 111,063 | 81,487 | 24,970 | 4,119 | 487 |

TABLE 3-27 – d CONT'D

| Geographic Area | Horses | | | | | Donkeys | | | | |
|-------------------------|-------------------------|----------|----------|----------|-----------|--------------------------|-----------|----------|----------|-----------|
| | Holdings with no Horses | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head | Holdings with no Donkeys | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head |
| Somale | 146,985 | 84 | - | - | - | 147,069 | 78,868 | 60,690 | 6,979 | 472 |
| Shinele | 20,186 | - | - | - | - | 20,186 | 10,738 | 7,327 | 1,955 | 166 |
| Jijiga | 79,748 | - | - | - | - | 79,748 | 43,337 | 33,426 | 2,863 | 122 |
| Liben | 47,050 | 84 | - | - | - | 47,134 | 24,792 | 19,937 | 2,161 | 184 |
| Benshangul-Gumuz | 138,182 | 210 | - | - | - | 138,392 | 100,325 | 35,090 | 2,977 | - |
| Metekel | 50,780 | 210 | - | - | - | 50,990 | 33,226 | 16,929 | 835 | - |
| Asosa | 54,582 | - | - | - | - | 54,582 | 40,391 | 12,448 | 1,743 | - |
| Kemeshi | 17,348 | - | - | - | - | 17,348 | 13,282 | 3,767 | 299 | - |
| Pawe Special | 5,930 | - | - | - | - | 5,930 | 5,651 | 267 | 12 | - |
| Mao Komo | 9,542 | - | - | - | - | 9,542 | 7,776 | 1,678 | 88 | - |
| SNNP | 2,655,306 | 251,334 | 10,981 | 1,281 | - | 2,918,902 | 2,632,889 | 276,971 | 8,094 | 948 |
| Gurage | 238,840 | 58,196 | 1,871 | - | - | 298,907 | 257,543 | 40,607 | 509 | 248 |
| Hadiya | 206,852 | 22,748 | - | - | - | 229,600 | 184,926 | 43,845 | 829 | - |
| Kembata Tembaro | 118,646 | 5,426 | 107 | - | - | 124,179 | 107,550 | 16,516 | 113 | - |
| Sidama | 541,359 | 35,174 | 2,032 | 355 | - | 578,920 | 530,465 | 45,887 | 2,568 | - |
| Gedio | 151,706 | 13,274 | 533 | - | - | 165,513 | 164,187 | 1,326 | - | - |
| Wolayita | 272,373 | 3,751 | - | - | - | 276,124 | 253,645 | 22,479 | - | - |
| South Omo | 99,618 | 11,088 | 355 | 434 | - | 111,495 | 106,391 | 3,917 | 1,064 | 123 |
| Shaka | 37,317 | 2,668 | 312 | 100 | - | 40,397 | 39,154 | 1,190 | 53 | - |
| Kaffa | 152,436 | 35,718 | 4,043 | 175 | - | 192,372 | 190,739 | 1,169 | 232 | 232 |
| Gamo Gofa | 306,499 | 15,827 | 532 | - | - | 322,858 | 306,827 | 15,786 | 245 | - |
| Bench Maji | 121,186 | 7,576 | 375 | 169 | - | 129,306 | 128,917 | 389 | - | - |
| Yem Sp. Wereda | 16,742 | 607 | - | - | - | 17,349 | 15,416 | 1,827 | 57 | 49 |
| Amaro Sp. Wereda | 27,211 | 1,920 | 148 | 49 | - | 29,328 | 28,272 | 1,056 | - | - |
| Burji Sp. Wereda | 9,811 | - | - | - | - | 9,811 | 6,661 | 2,930 | 208 | 12 |
| Konso Sp. Wereda | 44,590 | - | - | - | - | 44,590 | 40,879 | 3,265 | 288 | 158 |
| Derashe Sp. Wereda | 26,241 | 173 | - | - | - | 26,414 | 15,522 | 10,671 | 221 | - |
| Dawro | 81,511 | 4,717 | 373 | - | - | 86,601 | 84,195 | 2,406 | - | - |
| Basketo Sp. Wereda | 15,692 | 362 | - | - | - | 16,054 | 15,768 | 286 | - | - |
| Konta Sp. Wereda | 18,570 | 988 | 30 | - | - | 19,588 | 19,495 | 93 | - | - |
| Silte | 129,107 | 27,559 | 201 | - | - | 156,867 | 112,833 | 43,692 | 342 | - |
| Alaba Sp. Wereda | 39,001 | 3,561 | 69 | - | - | 42,631 | 23,507 | 17,633 | 1,364 | 127 |
| Gambela Region | 37,025 | 289 | - | - | - | 37,314 | 37,051 | 263 | - | - |
| Angnuwak | 11,516 | - | - | - | - | 11,516 | 11,286 | 230 | - | - |
| Nuware | 6,766 | - | - | - | - | 6,766 | 6,766 | - | - | - |
| Mezhenger | 14,268 | 289 | - | - | - | 14,557 | 14,532 | 25 | - | - |
| Itang Special | 4,476 | - | - | - | - | 4,476 | 4,468 | 8 | - | - |
| Harari | 17,943 | - | - | - | - | 17,943 | 11,121 | 6,617 | 183 | 22 |
| Hundene | 17,943 | - | - | - | - | 17,943 | 11,121 | 6,617 | 183 | 22 |
| Dire Dawa | 21,116 | - | - | - | - | 21,116 | 11,563 | 8,926 | 614 | 13 |

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

| Geographic Area | Mules | | | | | Camels | | | | |
|--------------------|------------------------|----------|----------|----------|-----------|-------------------------|------------|----------|----------|-----------|
| | Holdings with no Mules | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head | Holdings with no Camels | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head |
| Ethiopia | 12,778,331 | 338,818 | 3,190 | 428 | - | 13,120,767 | 12,933,592 | 96,102 | 33,984 | 29,614 |
| Tigray | 826,183 | 4,634 | 358 | - | - | 831,175 | 812,533 | 15,994 | 1,028 | 1,113 |
| North West Tigray | 143,961 | 325 | - | - | - | 144,286 | 137,914 | 6,372 | - | - |
| Central Tigray | 251,692 | 387 | - | - | - | 252,079 | 248,209 | 3,375 | 495 | - |
| Eastern Tigray | 149,153 | 151 | - | - | - | 149,304 | 147,968 | 820 | 369 | 147 |
| Southern Tigray | 215,110 | 2,914 | 358 | - | - | 218,382 | 213,207 | 3,538 | 164 | 966 |
| Western Tigray | 66,267 | 857 | - | - | - | 67,124 | 65,236 | 1,888 | - | - |
| Afar | 41,188 | 136 | - | - | - | 41,324 | 26,311 | 6,007 | 2,196 | 2,696 |
| Zone 1 | 21,882 | - | - | - | - | 21,882 | 11,148 | 5,030 | 1,706 | 2,161 |
| Zone 3 | 19,306 | 136 | - | - | - | 19,442 | 15,163 | 977 | 490 | 535 |
| Amhara | 3,476,751 | 123,646 | 318 | - | - | 3,600,715 | 3,571,476 | 25,015 | 3,452 | 476 |
| North Gonder | 531,207 | 9,992 | - | - | - | 541,199 | 541,199 | - | - | - |
| South Gonder | 429,793 | 16,231 | 318 | - | - | 446,342 | 446,342 | - | - | - |
| North Wolo | 329,411 | 17,822 | - | - | - | 347,233 | 335,661 | 11,000 | 572 | - |
| South Wolo | 508,820 | 43,014 | - | - | - | 551,834 | 550,546 | 1,288 | - | - |
| North Shewa | 414,296 | 7,876 | - | - | - | 422,172 | 413,064 | 6,817 | 1,655 | 340 |
| East Gojam | 448,635 | 7,699 | - | - | - | 456,334 | 456,334 | - | - | - |
| West Gojam | 457,311 | 12,205 | - | - | - | 469,516 | 469,516 | - | - | - |
| Waghamera | 90,999 | 3,216 | - | - | - | 94,215 | 94,215 | - | - | - |
| Awi | 169,432 | 5,245 | - | - | - | 174,677 | 174,677 | - | - | - |
| Oromia | 90,023 | 333 | - | - | - | 90,356 | 83,780 | 5,372 | 1,091 | 113 |
| Argoba Special | 6,823 | 12 | - | - | - | 6,835 | 6,138 | 538 | 135 | 24 |
| Oromia | 5,203,122 | 161,180 | 2,141 | 373 | - | 5,366,816 | 5,292,253 | 30,155 | 18,155 | 15,051 |
| West Wellega | 261,367 | 5,470 | - | - | - | 266,837 | 266,837 | - | - | - |
| East Wellega | 224,973 | 2,741 | - | - | - | 227,714 | 227,714 | - | - | - |
| Illubabor | 260,279 | 8,747 | - | - | - | 269,026 | 269,026 | - | - | - |
| Jimma | 525,447 | 31,327 | - | - | - | 556,774 | 556,774 | - | - | - |
| West Shewa | 412,780 | 9,609 | 283 | - | - | 422,672 | 422,672 | - | - | - |
| North Shewa | 296,883 | 7,844 | 260 | - | - | 304,987 | 304,987 | - | - | - |
| East Shewa | 272,599 | 9,641 | - | - | - | 282,240 | 276,473 | 188 | 753 | 1,181 |
| Arsi | 517,533 | 21,672 | 478 | 373 | - | 540,056 | 537,334 | 1,914 | 404 | - |
| West Harerghe | 359,525 | 3,092 | - | - | - | 362,617 | 356,340 | 3,450 | 1,035 | 1,411 |
| East Harerghe | 560,607 | - | - | - | - | 560,607 | 542,324 | 3,811 | 6,159 | 4,614 |
| Bale | 254,676 | 17,347 | - | - | - | 272,023 | 257,306 | 10,077 | 2,874 | 1,766 |
| Borena | 170,382 | 4,692 | 191 | - | - | 175,265 | 157,983 | 7,468 | 3,951 | 3,902 |
| South West Shewa | 228,338 | 8,885 | 167 | - | - | 237,390 | 237,390 | - | - | - |
| Guji | 212,829 | 14,823 | - | - | - | 227,652 | 218,136 | 3,246 | 2,980 | 2,177 |
| West Arsi | 383,087 | 4,549 | 296 | - | - | 387,932 | 387,932 | - | - | - |
| Kelem Wellega | 153,931 | 7,658 | 374 | - | - | 161,963 | 161,963 | - | - | - |
| Horoguduru Wellega | 107,888 | 3,084 | 91 | - | - | 111,063 | 111,063 | - | - | - |

TABLE 3-27 – e CONT'D

| Geographic Area | Mules | | | | | Camels | | | | |
|-------------------------|------------------------|----------|----------|----------|-----------|-------------------------|-----------|----------|----------|-----------|
| | Holdings with no Mules | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head | Holdings with no Camels | 1-2 Head | 3-4 Head | 5-9 Head | >=10 Head |
| Somale | 146,859 | 126 | 84 | - | - | 147,069 | 100,076 | 16,919 | 8,778 | 10,024 |
| Shinele | 20,186 | - | - | - | - | 20,186 | 13,797 | 2,878 | 1,692 | 1,052 |
| Jijiga | 79,748 | - | - | - | - | 79,748 | 59,852 | 11,189 | 3,228 | 3,617 |
| Liben | 46,924 | 126 | 84 | - | - | 47,134 | 26,425 | 2,853 | 3,858 | 5,355 |
| Benshangul-Gumuz | 137,710 | 682 | - | - | - | 138,392 | 138,392 | - | - | - |
| Metekel | 50,714 | 276 | - | - | - | 50,990 | 50,990 | - | - | - |
| Asosa | 54,345 | 237 | - | - | - | 54,582 | 54,582 | - | - | - |
| Kemeshi | 17,315 | 33 | - | - | - | 17,348 | 17,348 | - | - | - |
| Pawe special | 5,879 | 51 | - | - | - | 5,930 | 5,930 | - | - | - |
| Mao Komo | 9,458 | 84 | - | - | - | 9,542 | 9,542 | - | - | - |
| SNNP | 2,870,239 | 48,320 | 289 | 54 | - | 2,918,902 | 2,918,885 | - | - | 17 |
| Gurage | 296,282 | 2,625 | - | - | - | 298,907 | 298,907 | - | - | - |
| Hadiya | 223,133 | 6,467 | - | - | - | 229,600 | 229,600 | - | - | - |
| Kembata Tembaro | 122,329 | 1,850 | - | - | - | 124,179 | 124,179 | - | - | - |
| Sidama | 578,046 | 874 | - | - | - | 578,920 | 578,920 | - | - | - |
| Gedio | 160,871 | 4,642 | - | - | - | 165,513 | 165,513 | - | - | - |
| Wolayita | 274,332 | 1,792 | - | - | - | 276,124 | 276,124 | - | - | - |
| South Omo | 108,519 | 2,857 | 119 | - | - | 111,495 | 111,495 | - | - | - |
| Shaka | 39,906 | 437 | - | 54 | - | 40,397 | 40,397 | - | - | - |
| Kaffa | 183,943 | 8,259 | 170 | - | - | 192,372 | 192,372 | - | - | - |
| Gamo Gofa | 317,523 | 5,335 | - | - | - | 322,858 | 322,858 | - | - | - |
| Bench Maji | 127,463 | 1,843 | - | - | - | 129,306 | 129,306 | - | - | - |
| Yem Sp. Wereda | 17,212 | 137 | - | - | - | 17,349 | 17,349 | - | - | - |
| Amaro Sp. Wereda | 28,393 | 935 | - | - | - | 29,328 | 29,328 | - | - | - |
| Burji Sp. Wereda | 9,660 | 151 | - | - | - | 9,811 | 9,794 | - | - | 17 |
| Konso Sp. Wereda | 44,590 | - | - | - | - | 44,590 | 44,590 | - | - | - |
| Derashe Sp. Wereda | 26,166 | 248 | - | - | - | 26,414 | 26,414 | - | - | - |
| Dawro | 81,805 | 4,796 | - | - | - | 86,601 | 86,601 | - | - | - |
| Basketo Sp. Wereda | 15,622 | 432 | - | - | - | 16,054 | 16,054 | - | - | - |
| Konta Sp. Wereda | 19,137 | 451 | - | - | - | 19,588 | 19,588 | - | - | - |
| Silte | 153,197 | 3,670 | - | - | - | 156,867 | 156,867 | - | - | - |
| Alaba Sp. Wereda | 42,115 | 516 | - | - | - | 42,631 | 42,631 | - | - | - |
| Gambela Region | 37,219 | 95 | - | - | - | 37,314 | 37,314 | - | - | - |
| Angnuwak | 11,516 | - | - | - | - | 11,516 | 11,516 | - | - | - |
| Nuware | 6,766 | - | - | - | - | 6,766 | 6,766 | - | - | - |
| Mezhenger | 14,462 | 95 | - | - | - | 14,557 | 14,557 | - | - | - |
| Itang Special | 4,476 | - | - | - | - | 4,476 | 4,476 | - | - | - |
| Harari | 17,943 | - | - | - | - | 17,943 | 17,708 | 68 | 72 | 71 |
| Hundene | 17,943 | - | - | - | - | 17,943 | 17,708 | 68 | 72 | 71 |
| Dire Dawa | 21,116 | - | - | - | - | 21,116 | 18,645 | 1,944 | 302 | 165 |

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

| Geographic Area | Holdings with no poultry | 1-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | >=200 Head |
|--------------------|--------------------------|-----------|------------|------------|--------------|------------|
| Ethiopia | 5,855,108 | 6,059,098 | 1,205,499 | 1,062 | | |
| Tigray | 210,586 | 459,732 | 160,786 | 71 | | |
| North West Tigray | 27,731 | 63,439 | 53,116 | - | | |
| Central Tigray | 53,082 | 152,159 | 46,838 | - | | |
| Eastern Tigray | 33,233 | 102,067 | 14,004 | - | | |
| Southern Tigray | 78,553 | 116,067 | 23,762 | - | | |
| Western Tigray | 17,987 | 26,000 | 23,066 | 71 | | |
| Afar | 32,400 | 7,221 | 1,703 | - | | |
| Zone 1 | 21,702 | 180 | - | - | | |
| Zone 3 | 10,698 | 7,041 | 1,703 | - | | |
| Amhara | 1,135,039 | 2,111,739 | 353,754 | 183 | | |
| North Gonder | 106,887 | 323,799 | 110,513 | - | | |
| South Gonder | 127,621 | 277,949 | 40,772 | - | | |
| North Wolo | 78,808 | 246,617 | 21,808 | - | | |
| South Wolo | 128,850 | 396,961 | 26,023 | - | | |
| North Shewa | 138,036 | 262,560 | 21,576 | - | | |
| East Gojam | 281,959 | 154,050 | 20,325 | - | | |
| West Gojam | 158,875 | 247,774 | 62,867 | - | | |
| Waghamera | 25,475 | 54,921 | 13,819 | - | | |
| Awi | 55,574 | 93,209 | 25,711 | 183 | | |
| Oromia | 31,687 | 49,587 | 9,082 | - | | |
| Argoba Special | 1,263 | 4,313 | 1,259 | - | | |
| Oromia | 2,803,130 | 2,123,145 | 439,916 | 625 | | |
| West Wellega | 126,103 | 106,039 | 34,695 | - | | |
| East Wellega | 106,180 | 93,936 | 27,598 | - | | |
| Illubabor | 115,141 | 124,476 | 29,409 | - | | |
| Jimma | 299,257 | 219,413 | 38,104 | - | | |
| West Shewa | 221,737 | 173,714 | 27,221 | - | | |
| North Shewa | 167,976 | 124,973 | 12,038 | - | | |
| East Shewa | 150,293 | 106,254 | 25,275 | 418 | | |
| Arsi | 275,103 | 218,897 | 46,056 | - | | |
| West Harerghe | 172,207 | 149,912 | 40,498 | - | | |
| East Harerghe | 290,765 | 245,329 | 24,513 | - | | |
| Bale | 169,368 | 83,967 | 18,688 | - | | |
| Borena | 103,398 | 54,540 | 17,327 | - | | |
| South West Shewa | 115,529 | 107,747 | 14,114 | - | | |
| Guji | 116,783 | 82,651 | 28,011 | 207 | | |
| West Arsi | 258,092 | 112,463 | 17,377 | - | | |
| Kelem Wellega | 61,423 | 71,952 | 28,588 | - | | |
| Horoguduru Wellega | 53,780 | 46,881 | 10,402 | - | | |

TABLE 3-27 – f CONT'D

| Geographic Area | Holdings with no poultry | 1-9 Head | 10-49 Head | 50-99 Head | 100-199 Head | >=200 Head |
|-------------------------|--------------------------|-----------|------------|------------|--------------|------------|
| Somale | 125,531 | 18,166 | 3,372 | - | - | - |
| Shinele | 19,714 | 447 | 25 | - | - | - |
| Jijiga | 75,194 | 4,144 | 410 | - | - | - |
| Liben | 30,622 | 13,576 | 2,936 | - | - | - |
| Benshangul-Gumuz | 49,116 | 59,551 | 29,692 | 33 | - | - |
| Metekel | 10,414 | 26,292 | 14,284 | - | - | - |
| Asosa | 26,723 | 19,455 | 8,404 | - | - | - |
| Kemeshi | 5,222 | 7,730 | 4,363 | 33 | - | - |
| Pawe Special | 2,193 | 2,632 | 1,105 | - | - | - |
| Mao Komo | 4,564 | 3,441 | 1,537 | - | - | - |
| SNNP | 1,460,672 | 1,249,950 | 208,218 | 62 | - | - |
| Gurage | 138,584 | 153,350 | 6,973 | - | - | - |
| Hadiya | 100,301 | 109,271 | 20,028 | - | - | - |
| Kembata Tembaro | 59,515 | 57,855 | 6,809 | - | - | - |
| Sidama | 344,914 | 211,294 | 22,712 | - | - | - |
| Gedio | 104,421 | 58,031 | 3,061 | - | - | - |
| Wolayita | 144,348 | 117,065 | 14,711 | - | - | - |
| South Omo | 48,945 | 42,624 | 19,926 | - | - | - |
| Shaka | 16,524 | 19,872 | 4,001 | - | - | - |
| Kaffa | 68,450 | 100,364 | 23,558 | - | - | - |
| Gamo Gofa | 187,776 | 109,162 | 25,920 | - | - | - |
| Bench Maji | 41,081 | 68,706 | 19,519 | - | - | - |
| Yem Sp. Wereda | 9,933 | 6,767 | 649 | - | - | - |
| Amaro Sp. Wereda | 19,432 | 7,659 | 2,237 | - | - | - |
| Burji Sp. Wereda | 5,171 | 3,442 | 1,181 | 17 | - | - |
| Konso Sp. Wereda | 17,725 | 21,458 | 5,407 | - | - | - |
| Derashe Sp. Wereda | 9,566 | 12,458 | 4,345 | 45 | - | - |
| Dawro | 51,281 | 31,535 | 3,785 | - | - | - |
| Basketo Sp. Wereda | 6,963 | 7,403 | 1,688 | - | - | - |
| Konta Sp. Wereda | 8,537 | 8,081 | 2,970 | - | - | - |
| Silte | 59,782 | 82,998 | 14,087 | - | - | - |
| Alaba Sp. Wereda | 17,425 | 20,554 | 4,652 | - | - | - |
| Gambela Region | 20,016 | 10,776 | 6,435 | 87 | - | - |
| Angnuwak | 4,560 | 3,342 | 3,590 | 24 | - | - |
| Nuware | 5,617 | 610 | 539 | - | - | - |
| Mezhenger | 7,230 | 5,868 | 1,432 | 27 | - | - |
| Itang Special | 2,609 | 957 | 874 | 36 | - | - |
| Harari | 10,629 | 6,595 | 719 | - | - | - |
| Hundene | 10,629 | 6,595 | 719 | - | - | - |
| Dire Dawa | 7,990 | 12,222 | 904 | - | - | - |

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

| Geographic Area | Total (%) | Green Fodder | Crop Residue | Improved Feed | Hay | By-Product | Others |
|--------------------|-----------|--------------|--------------|---------------|-------|------------|--------|
| Ethiopia | 100 | 61.92 | 27.01 | 0.15 | 6.55 | 0.78 | 3.59 |
| Tigray | 100 | 41.38 | 36.86 | 0.27 | 15.47 | 1.84 | 4.18 |
| North West Tigray | 100 | 47.01 | 28.6 | 0.41 | 17.38 | 4.03 | 2.57 |
| Central Tigray | 100 | 33.1 | 43.52 | 0.08 | 18.58 | 1.31 | 3.41 |
| Eastern Tigray | 100 | 35.99 | 43.59 | 0.14 | 13.16 | 0.72 | 6.39 |
| Southern Tigray | 100 | 42.9 | 36.58 | 0.45 | 13.72 | 1.24 | 5.1 |
| Western Tigray | 100 | 65.74 | 17.39 | 0.35 | 10.37 | 3.16 | 2.98 |
| Afar | 100 | 82.06 | 5.43 | 0.03 | 8.1 | 1.05 | 3.33 |
| Zone 1 | 100 | 91.34 | 7.38 | - | 0.58 | 0.59 | 0.11 |
| Zone 3 | 100 | 71.44 | 3.19 | 0.06 | 16.71 | 1.57 | 7.03 |
| Amhara | 100 | 47.52 | 34.94 | 0.23 | 14 | 0.49 | 2.82 |
| North Gonder | 100 | 51.03 | 30.09 | 0.2 | 16.51 | 0.67 | 1.49 |
| South Gonder | 100 | 39.69 | 41.79 | 0.27 | 14.83 | 0.43 | 2.98 |
| North Wolo | 100 | 37.92 | 43.12 | 0.64 | 15.61 | 0.23 | 2.49 |
| South Wolo | 100 | 39.1 | 36.73 | 0.35 | 22.83 | 0.16 | 0.83 |
| North Shewa | 100 | 41.77 | 40.72 | 0.05 | 14.74 | 1.44 | 1.27 |
| East Gojam | 100 | 53.96 | 34.69 | 0.11 | 5.17 | 0.19 | 5.89 |
| West Gojam | 100 | 56.84 | 28.96 | 0.05 | 8.99 | 0.6 | 4.56 |
| Waghamera | 100 | 50.79 | 35.88 | 0.2 | 12.38 | 0.04 | 0.7 |
| Awi | 100 | 68.16 | 19.19 | 0.19 | 6.74 | 0.15 | 5.57 |
| Oromia | 100 | 56.08 | 24.07 | 0.16 | 16.12 | 0.53 | 3.03 |
| Argoba Special | 100 | 53.09 | 27.42 | 0.05 | 17.54 | - | 1.9 |
| Oromia | 100 | 68.98 | 23.29 | 0.06 | 2.86 | 0.89 | 3.92 |
| West Wellega | 100 | 87.64 | 9.41 | 0.03 | 0.12 | 1.16 | 1.64 |
| East Wellega | 100 | 83.06 | 11.35 | 0.09 | 0.83 | 1.33 | 3.33 |
| Illubabor | 100 | 88.99 | 5.34 | - | 0.27 | 0.04 | 5.37 |
| Jimma | 100 | 88.43 | 8.63 | 0.01 | 0.33 | 0.24 | 2.36 |
| West Shewa | 100 | 76.79 | 17.75 | 0.04 | 1.95 | 0.16 | 3.31 |
| North Shewa | 100 | 53.86 | 23.64 | 0.19 | 19.22 | 0.79 | 2.3 |
| East Shewa | 100 | 50.1 | 41.69 | 0.17 | 2.71 | 3.46 | 1.87 |
| Arsi | 100 | 67.98 | 26.89 | 0.04 | 1.6 | 1.24 | 2.25 |
| West Harerghe | 100 | 41.37 | 41.52 | 0.12 | 4.46 | 0.29 | 12.24 |
| East Harerghe | 100 | 38.35 | 47.56 | 0.02 | 3.92 | 0.98 | 9.17 |
| Bale | 100 | 83.2 | 14 | - | 0.24 | 1.05 | 1.5 |
| Borena | 100 | 85.61 | 11.39 | - | 1.29 | 0.05 | 1.67 |
| South West Shewa | 100 | 61.51 | 30.49 | 0.08 | 4.11 | 0.9 | 2.91 |
| Guji | 100 | 78.01 | 17.29 | 0.13 | 1.93 | 0.16 | 2.48 |
| West Arsi | 100 | 72.38 | 23.5 | 0.04 | 1.28 | 1.42 | 1.38 |
| Kelem Wellega | 100 | 86.92 | 8.81 | 0.05 | 0.12 | 1.7 | 2.41 |
| Horoguduru Wellega | 100 | 81.41 | 12.91 | 0.16 | 1.23 | 0.72 | 3.58 |

TABLE 3-28 CONT'D

| Geographic Area | Total (%) | Green Fodder | Crop Residue | Improved Feed | Hay | By-Product | Others |
|-------------------------|-----------|--------------|--------------|---------------|------|------------|--------|
| Somale | 100 | 80 | 18.25 | * | 1.2 | 0.15 | 0.4 |
| Shinele | 100 | 89.67 | 9.63 | 0.02 | 0.32 | 0.23 | 0.13 |
| Jijiga | 100 | 71.42 | 26.64 | - | 1.68 | 0.13 | 0.13 |
| Liben | 100 | 91.51 | 6.62 | - | 0.7 | 0.15 | 1.01 |
| Benshangul-Gumuz | 100 | 86.89 | 9.52 | 0.19 | 1.4 | 0.49 | 1.52 |
| Metekel | 100 | 85.43 | 11.51 | 0.03 | 1.69 | 0.07 | 1.26 |
| Asosa | 100 | 86.92 | 9.47 | 0.39 | 1.46 | 0.46 | 1.3 |
| Kemeshi | 100 | 92.35 | 5.01 | 0.13 | 0.06 | 1.15 | 1.3 |
| Pawe Special | 100 | 78.75 | 10.29 | 0.21 | 3.33 | 1.11 | 6.31 |
| Mao Komo | 100 | 91.36 | 4.57 | 0.12 | 0.4 | 1.77 | 1.78 |
| SNNP | 100 | 70.18 | 22.77 | 0.17 | 2.16 | 0.63 | 4.08 |
| Gurage | 100 | 64.24 | 23.2 | 0.09 | 6.28 | 1.97 | 4.21 |
| Hadiya | 100 | 61.91 | 24.47 | 0.02 | 2.1 | 0.34 | 11.17 |
| Kembata Tembaro | 100 | 51.69 | 31.06 | 0.8 | 1.66 | 1.82 | 12.97 |
| Sidama | 100 | 62.05 | 32.11 | 0.49 | 1.56 | 0.77 | 3.01 |
| Gedio | 100 | 76.75 | 19.82 | 0.03 | 0.85 | 0.07 | 2.46 |
| Wolayita | 100 | 71.2 | 23.42 | 0.05 | 3.1 | 0.33 | 1.89 |
| South Omo | 100 | 80.47 | 16 | - | - | - | 3.53 |
| Shaka | 100 | 92.56 | 1.23 | - | 0.02 | 0.27 | 5.93 |
| Kaffa | 100 | 95.36 | 3.31 | - | 0.04 | 0.59 | 0.7 |
| Gamo Gofa | 100 | 76.55 | 19.56 | 0.06 | 1.07 | 0.12 | 2.64 |
| Bench Maji | 100 | 86.9 | 9.39 | 0.05 | - | 0.97 | 2.69 |
| Yem Sp. Wereda | 100 | 72.9 | 19 | - | 4.17 | 0.05 | 3.89 |
| Amaro Sp. Wereda | 100 | 77.8 | 21.31 | - | - | - | 0.89 |
| Burji Sp. Wereda | 100 | 77.61 | 18.78 | 0.04 | 0.06 | 0.12 | 3.38 |
| Konso Sp. Wereda | 100 | 46.99 | 41.86 | 0.09 | 3.52 | 0.84 | 6.71 |
| Derashe Sp. Wereda | 100 | 69.22 | 24.02 | 0.06 | 1.21 | 0.08 | 5.41 |
| Dawro | 100 | 82.97 | 12.5 | - | 0.99 | 0.06 | 3.49 |
| Basketo Sp. Wereda | 100 | 75.65 | 22.59 | - | 0.01 | 0.18 | 1.57 |
| Konta Sp. Wereda | 100 | 81.3 | 16.08 | 0.04 | 0.85 | - | 1.73 |
| Silte | 100 | 59.14 | 31.12 | 0.25 | 4.82 | 0.11 | 4.57 |
| Alaba Sp. Wereda | 100 | 60.75 | 33.13 | 0.06 | 4.24 | 0.17 | 1.66 |
| Gambela Region | 100 | 92.91 | 5.45 | - | 0.18 | 0.83 | 0.63 |
| Angnuwak | 100 | 90.7 | 8.47 | - | - | 0.74 | 0.08 |
| Nuware | 100 | 99.55 | 0.04 | - | 0.23 | - | 0.18 |
| Mezhenger | 100 | 88.24 | 8.43 | - | 0.38 | 1.83 | 1.13 |
| Itang Special | 100 | 98.21 | 0.36 | - | - | - | 1.43 |
| Harari | 100 | 30.47 | 54.44 | 2.31 | 2.16 | 8.73 | 1.89 |
| Hundene | 100 | 30.47 | 54.44 | 2.31 | 2.16 | 8.73 | 1.89 |
| Dire Dawa | 100 | 61.4 | 30.06 | - | 0.3 | 3.56 | 4.68 |

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

| Geographic Area | Green Fodder | Crop Residue | Improved Feed | Hay | By-Product | Others |
|--------------------|--------------|--------------|---------------|-----------|------------|-----------|
| Ethiopia | 11,593,836 | 9,636,670 | 93,449 | 3,540,815 | 730,191 | 3,042,341 |
| Tigray | 723,880 | 676,138 | 9,112 | 547,588 | 110,993 | 161,337 |
| North West Tigray | 130,890 | 122,532 | 2,667 | 108,854 | 43,111 | 15,118 |
| Central Tigray | 220,119 | 208,641 | 458 | 185,004 | 24,172 | 57,439 |
| Eastern Tigray | 126,387 | 121,338 | 464 | 81,804 | 5,037 | 37,541 |
| Southern Tigray | 185,940 | 172,176 | 4,485 | 136,368 | 19,007 | 43,609 |
| Western Tigray | 60,544 | 51,451 | 1,037 | 35,558 | 19,666 | 7,630 |
| Afar | 37,963 | 10,004 | 43 | 5,234 | 1,826 | 2,999 |
| Zone 1 | 21,451 | 7,643 | - | 494 | 1,092 | 313 |
| Zone 3 | 16,512 | 2,361 | 43 | 4,741 | 734 | 2,686 |
| Amhara | 3,221,782 | 3,021,359 | 38,191 | 1,957,192 | 131,663 | 765,177 |
| North Gonder | 488,119 | 428,746 | 3,367 | 344,041 | 28,031 | 61,566 |
| South Gonder | 393,614 | 390,451 | 6,711 | 258,739 | 19,946 | 92,611 |
| North Wolo | 295,681 | 288,256 | 11,239 | 182,572 | 8,016 | 27,974 |
| South Wolo | 517,370 | 499,715 | 8,457 | 434,419 | 5,296 | 19,713 |
| North Shewa | 355,881 | 342,838 | 2,068 | 235,494 | 37,561 | 68,597 |
| East Gojam | 420,552 | 394,488 | 2,764 | 125,203 | 4,515 | 206,950 |
| West Gojam | 426,639 | 396,352 | 1,286 | 205,363 | 23,421 | 195,027 |
| Waghamera | 84,605 | 78,115 | 511 | 48,408 | 356 | 3,104 |
| Awi | 154,416 | 128,498 | 1,340 | 65,004 | 1,430 | 73,021 |
| Oromia | 79,205 | 68,788 | 436 | 53,865 | 3,092 | 16,354 |
| Argoba Special | 5,701 | 5,113 | 12 | 4,083 | - | 259 |
| Oromia | 4,687,992 | 3,620,990 | 15,685 | 720,731 | 329,437 | 1,321,269 |
| West Wellega | 204,209 | 103,663 | 436 | 1,574 | 13,258 | 31,239 |
| East Wellega | 196,289 | 121,167 | 1,023 | 13,414 | 20,720 | 55,575 |
| Illubabor | 229,618 | 67,448 | - | 6,048 | 736 | 105,174 |
| Jimma | 516,643 | 284,064 | 735 | 14,619 | 13,215 | 123,500 |
| West Shewa | 371,088 | 298,317 | 1,290 | 48,862 | 7,745 | 158,667 |
| North Shewa | 283,711 | 253,133 | 3,244 | 235,676 | 25,264 | 74,235 |
| East Shewa | 226,929 | 213,648 | 1,500 | 38,790 | 58,237 | 33,111 |
| Arsi | 498,536 | 451,598 | 1,463 | 63,495 | 49,937 | 101,111 |
| West Harerghe | 299,351 | 325,777 | 569 | 84,825 | 6,462 | 186,995 |
| East Harerghe | 460,326 | 527,487 | 426 | 98,346 | 32,140 | 199,858 |
| Bale | 250,432 | 157,900 | - | 5,476 | 24,977 | 44,171 |
| Borena | 159,714 | 77,358 | - | 7,159 | 455 | 30,895 |
| South West Shewa | 210,257 | 194,055 | 1,416 | 52,404 | 15,255 | 49,023 |
| Guji | 203,644 | 140,445 | 666 | 12,492 | 2,252 | 34,931 |
| West Arsi | 346,513 | 276,540 | 1,176 | 26,623 | 32,291 | 33,600 |
| Kelem Wellega | 127,085 | 60,333 | 661 | 1,421 | 19,041 | 29,504 |
| Horoguduru Wellega | 103,646 | 68,060 | 1,081 | 9,508 | 7,451 | 29,680 |

TABLE 3-29 – a CONT'D

| Geographic Area | Green Fodder | Crop Residue | Improved Feed | Hay | By-Product | Others |
|-------------------------|--------------|--------------|---------------|---------|------------|---------|
| Somale | 138,944 | 87,087 | 25 | 6,340 | 760 | 4,178 |
| Shinele | 18,697 | 6,841 | 25 | 362 | 325 | 454 |
| Jijiga | 77,946 | 68,896 | - | 4,980 | 200 | 900 |
| Liben | 42,301 | 11,349 | - | 999 | 235 | 2,824 |
| Benshangul-Gumuz | 115,860 | 53,535 | 779 | 12,126 | 3,815 | 14,641 |
| Metekel | 47,758 | 23,868 | 140 | 4,249 | 351 | 7,778 |
| Asosa | 42,987 | 22,948 | 494 | 6,886 | 1,693 | 3,611 |
| Kemeshi | 13,225 | 2,862 | 26 | 62 | 595 | 1,123 |
| Pawe Special | 4,415 | 2,297 | 58 | 782 | 316 | 1,032 |
| Mao Komo | 7,475 | 1,560 | 61 | 147 | 861 | 1,098 |
| SNNP | 2,607,784 | 2,123,572 | 28,047 | 289,572 | 139,105 | 760,679 |
| Gurage | 279,735 | 253,551 | 3,587 | 100,308 | 43,993 | 74,480 |
| Hadiya | 215,858 | 200,315 | 186 | 23,551 | 4,419 | 134,361 |
| Kembata Tembaro | 114,562 | 111,129 | 6,762 | 13,252 | 13,990 | 86,674 |
| Sidama | 502,983 | 459,157 | 11,644 | 33,043 | 33,342 | 100,956 |
| Gedio | 102,100 | 67,066 | 380 | 3,545 | 180 | 16,132 |
| Wolayita | 262,193 | 235,617 | 886 | 36,329 | 8,773 | 67,091 |
| South Omo | 91,842 | 58,707 | - | - | - | 18,888 |
| Shaka | 31,743 | 2,890 | - | 58 | 755 | 12,846 |
| Kaffa | 182,804 | 65,365 | - | 1,331 | 14,990 | 39,168 |
| Gamo Gofa | 293,914 | 229,578 | 796 | 16,806 | 2,309 | 43,915 |
| Bench Maji | 117,633 | 69,362 | 444 | - | 12,185 | 40,986 |
| Yem Sp. Wereda | 15,844 | 14,466 | - | 4,249 | 24 | 7,217 |
| Amaro Sp. Wereda | 27,335 | 24,352 | - | - | - | 1,515 |
| Burji Sp. Wereda | 8,926 | 7,922 | 17 | 37 | 64 | 2,744 |
| Konso Sp. Wereda | 34,501 | 38,174 | 146 | 7,083 | 1,383 | 13,297 |
| Derashe Sp. Wereda | 21,335 | 19,148 | 182 | 1,030 | 44 | 10,145 |
| Dawro | 83,432 | 61,637 | - | 4,921 | 357 | 40,603 |
| Basketo Sp. Wereda | 14,355 | 13,169 | - | 20 | 243 | 1,654 |
| Konta Sp. Wereda | 18,182 | 13,895 | 32 | 856 | - | 5,126 |
| Silte | 148,599 | 139,859 | 2,857 | 32,649 | 1,468 | 36,956 |
| Alaba Sp. Wereda | 39,909 | 38,212 | 128 | 10,503 | 585 | 5,926 |
| Gambela Region | 27,268 | 8,242 | - | 226 | 1,743 | 1,696 |
| Angnuwak | 8,363 | 3,319 | - | - | 559 | 194 |
| Nuware | 6,210 | 14 | - | 37 | - | 37 |
| Mezhenger | 8,953 | 4,883 | - | 189 | 1,184 | 1,057 |
| Itang Special | 3,743 | 25 | - | - | - | 408 |
| Harari | 11,911 | 16,399 | 1,568 | 1,449 | 5,795 | 2,657 |
| Hundene | 11,911 | 16,399 | 1,568 | 1,449 | 5,795 | 2,657 |
| Dire Dawa | 20,453 | 19,344 | - | 358 | 5,055 | 7,708 |

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

1. Green Fodder

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|--------------------|-------------|-----------|------------------------------------|---------------------------------|---------|
| Ethiopia | 4,260,414 | 234,024 | 3,962,829 | 3,086,704 | 214,325 |
| Tigray | 112,097 | 3,906 | 465,098 | 141,625 | 1,154 |
| North West Tigray | 5,820 | 288 | 104,153 | 20,480 | 150 |
| Central Tigray | 41,508 | 398 | 115,363 | 62,647 | 203 |
| Eastern Tigray | 52,734 | 1,796 | 41,686 | 29,664 | 508 |
| Southern Tigray | 10,601 | 1,259 | 154,150 | 19,722 | 207 |
| Western Tigray | 1,435 | 165 | 49,746 | 9,112 | 87 |
| Afar | 2,249 | 208 | 34,565 | 639 | 302 |
| Zone 1 | 1,496 | - | 19,363 | 593 | - |
| Zone 3 | 754 | 208 | 15,202 | 46 | 302 |
| Amhara | 740,580 | 57,085 | 1,474,392 | 999,120 | 40,762 |
| North Gonder | 41,055 | 5,703 | 203,553 | 220,895 | 13,926 |
| South Gonder | 43,582 | 2,031 | 219,949 | 137,829 | 4,508 |
| North Wolo | 158,406 | 7,554 | 71,414 | 66,662 | 2,020 |
| South Wolo | 231,205 | 18,233 | 169,562 | 115,109 | - |
| North Shewa | 163,601 | 16,514 | 64,384 | 109,738 | 14,903 |
| East Gojam | 18,145 | 959 | 347,216 | 53,001 | 1,247 |
| West Gojam | 31,391 | 2,664 | 210,399 | 199,206 | 1,628 |
| Waghamera | 3,346 | 365 | 67,410 | 13,484 | - |
| Awi | 18,840 | 1,158 | 98,658 | 49,191 | 1,932 |
| Oromia | 27,683 | 1,625 | 20,752 | 33,001 | 574 |
| Argoba Special | 3,327 | 278 | 1,095 | 1,004 | 23 |
| Oromia | 1,819,061 | 142,240 | 1,418,292 | 1,174,252 | 134,147 |
| West Wellega | 32,928 | - | 87,633 | 81,702 | 1,946 |
| East Wellega | 69,552 | 3,824 | 64,421 | 56,201 | 2,290 |
| Illubabor | 71,887 | 1,360 | 109,344 | 37,146 | 9,881 |
| Jimma | 195,939 | 1,962 | 155,796 | 148,231 | 14,716 |
| West Shewa | 192,846 | 32,760 | 27,444 | 89,151 | 28,887 |
| North Shewa | 139,046 | 35,011 | 30,385 | 54,742 | 24,527 |
| East Shewa | 90,952 | 10,763 | 79,755 | 41,608 | 3,852 |
| Arsi | 279,428 | 26,903 | 51,187 | 121,472 | 19,547 |
| West Harerghe | 112,819 | 536 | 120,063 | 64,562 | 1,372 |
| East Harerghe | 159,568 | 3,686 | 208,588 | 84,665 | 3,820 |
| Bale | 29,007 | 1,410 | 114,093 | 105,521 | 401 |
| Borena | 47,703 | 349 | 89,925 | 20,970 | 768 |
| South West Shewa | 110,563 | 12,081 | 30,361 | 48,064 | 9,188 |
| Guji | 68,839 | 1,121 | 90,203 | 41,998 | 1,484 |
| West Arsi | 181,788 | 9,331 | 40,602 | 105,219 | 9,573 |
| Kelem Wellega | 13,048 | 138 | 79,888 | 33,473 | 538 |
| Horoguduru Wellega | 23,148 | 1,005 | 38,609 | 39,525 | 1,359 |

TABLE 3-29 – b-1 CONT'D

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|-------------------------|-------------|-----------|------------------------------------|------------------------------------|--------|
| Somale | 23,495 | 286 | 90,872 | 21,999 | 2,292 |
| Shinele | 866 | - | 17,731 | 101 | - |
| Jijiga | 20,667 | 170 | 39,525 | 17,583 | - |
| Liben | 1,962 | 116 | 33,616 | 4,315 | 2,292 |
| Benshangul-Gumuz | 3,094 | 457 | 103,967 | 8,212 | 130 |
| Metekel | 637 | 291 | 42,323 | 4,441 | 67 |
| Asosa | 541 | 77 | 41,082 | 1,287 | - |
| Kemeshi | 1,279 | 89 | 10,930 | 865 | 63 |
| Pawe Special | 44 | - | 4,078 | 293 | - |
| Mao Komo | 594 | - | 5,555 | 1,326 | - |
| SNNP | 1,542,497 | 29,744 | 342,087 | 734,061 | 33,697 |
| Gurage | 126,985 | 4,685 | 18,773 | 128,588 | 705 |
| Hadiya | 120,589 | 1,530 | 7,270 | 82,010 | 4,459 |
| Kembata Tembaro | 53,196 | - | 1,472 | 55,471 | 4,423 |
| Sidama | 376,404 | 4,035 | 40,182 | 81,089 | 1,273 |
| Gedio | 75,419 | 2,514 | 6,414 | 15,704 | 2,051 |
| Wolayita | 149,254 | 5,994 | 14,401 | 89,009 | 3,535 |
| South Omo | 46,300 | 1,590 | 29,552 | 12,352 | 2,048 |
| Shaka | 19,603 | 104 | 6,122 | 5,537 | 377 |
| Kaffa | 135,309 | 2,229 | 20,496 | 20,452 | 4,318 |
| Gamo Gofa | 76,246 | 3,334 | 96,068 | 115,984 | 2,282 |
| Bench Maji | 76,158 | 270 | 17,427 | 23,410 | 368 |
| Yem Sp. Wereda | 8,014 | 230 | 555 | 6,442 | 603 |
| Amaro Sp. Wereda | 8,081 | - | 11,203 | 8,052 | - |
| Burji Sp. Wereda | 1,008 | 29 | 6,108 | 1,747 | 35 |
| Konso Sp. Wereda | 16,622 | 622 | 13,723 | 2,527 | 1,005 |
| Derashe Sp. Wereda | 5,494 | 48 | 12,170 | 3,623 | - |
| Dawro | 55,885 | 1,485 | 5,637 | 18,999 | 1,426 |
| Basketo Sp. Wereda | 5,626 | - | 7,300 | 1,269 | 159 |
| Konta Sp. Wereda | 10,736 | - | 2,827 | 4,527 | 91 |
| Silte | 144,733 | 724 | 22,984 | 50,125 | 4,335 |
| Alaba Sp. Wereda | 30,837 | 321 | 1,404 | 7,144 | 204 |
| Gambela Region | 9,994 | 35 | 13,551 | 2,114 | 1,573 |
| Angnuwak | 3,818 | - | 3,154 | 1,391 | - |
| Nuware | 41 | - | 6,168 | - | - |
| Mezhenger | 5,264 | 27 | 2,068 | 27 | 1,566 |
| Itang Special | 871 | 8 | 2,160 | 696 | 7 |
| Harari | 5,812 | 27 | 4,302 | 1,535 | 234 |
| Hundene | 5,812 | 27 | 4,302 | 1,535 | 234 |
| Dire Dawa | 1,533 | 35 | 15,703 | 3,147 | 35 |

2. Crop Residue

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|--------------------|-------------|-----------|------------------------------------|---------------------------------|---------|
| Ethiopia | 8,799,001 | 170,262 | 107,415 | 601,699 | 115,406 |
| Tigray | 552,491 | 16,746 | 4,160 | 99,652 | 3,089 |
| North West Tigray | 106,168 | 3,119 | 1,687 | 11,404 | 153 |
| Central Tigray | 164,210 | 2,670 | 1,227 | 40,340 | 194 |
| Eastern Tigray | 90,397 | 3,360 | 639 | 26,603 | 339 |
| Southern Tigray | 147,781 | 4,275 | 179 | 18,071 | 1,870 |
| Western Tigray | 43,935 | 3,322 | 428 | 3,235 | 532 |
| Afar | 6,583 | 62 | 281 | 2,909 | 169 |
| Zone 1 | 4,582 | 19 | 153 | 2,827 | 61 |
| Zone 3 | 2,001 | 43 | 128 | 82 | 108 |
| Amhara | 2,778,645 | 45,413 | 14,422 | 234,903 | 35,159 |
| North Gonder | 395,689 | 2,892 | 1,110 | 23,310 | 5,332 |
| South Gonder | 363,226 | 4,742 | 1,755 | 31,466 | 3,727 |
| North Wolo | 263,208 | 5,521 | 558 | 27,196 | 1,969 |
| South Wolo | 443,670 | 6,267 | 830 | 65,323 | - |
| North Shewa | 299,595 | 7,499 | 1,929 | 38,621 | 8,155 |
| East Gojam | 366,268 | 3,628 | 4,227 | 17,727 | 2,655 |
| West Gojam | 389,229 | 7,157 | 2,024 | 8,489 | 6,184 |
| Waghamera | 65,522 | 694 | 242 | 10,121 | 1,537 |
| Awi | 126,208 | 5,610 | 998 | 4,244 | 4,068 |
| Oromia | 61,713 | 1,268 | 717 | 7,764 | 1,521 |
| Argoba Special | 4,318 | 133 | 33 | 643 | 11 |
| Oromia | 3,298,534 | 61,256 | 50,390 | 152,493 | 58,316 |
| West Wellega | 78,342 | 1,034 | 8,157 | 16,130 | - |
| East Wellega | 93,861 | 4,134 | 5,106 | 17,028 | 1,038 |
| Illubabor | 63,165 | 903 | 1,548 | 1,359 | 472 |
| Jimma | 264,622 | 3,621 | 5,236 | 4,839 | 5,745 |
| West Shewa | 276,579 | 7,869 | 2,377 | 5,447 | 6,046 |
| North Shewa | 195,315 | 13,956 | 7,303 | 26,376 | 10,183 |
| East Shewa | 188,444 | 3,586 | 4,870 | 13,239 | 3,508 |
| Arsi | 412,594 | 10,027 | 1,448 | 14,980 | 12,548 |
| West Harerghe | 315,844 | 536 | 1,442 | 5,678 | 2,276 |
| East Harerghe | 507,853 | 2,288 | 2,662 | 11,254 | 3,429 |
| Bale | 148,855 | 403 | 1,457 | 6,165 | 1,020 |
| Borena | 74,290 | 1,569 | 615 | 337 | 547 |
| South West Shewa | 177,837 | 1,848 | 2,413 | 6,566 | 5,391 |
| Guji | 133,360 | 1,398 | 631 | 4,851 | 204 |
| West Arsi | 252,004 | 4,841 | 2,035 | 12,351 | 5,308 |
| Kelem Wellega | 54,378 | 1,547 | 967 | 2,841 | 600 |
| Horoguduru Wellega | 61,191 | 1,694 | 2,124 | 3,051 | - |

TABLE 3-29 – b-2 CONT'D

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|-------------------------|-------------|-----------|------------------------------------|------------------------------------|--------|
| Somale | 75,419 | 3,866 | 2,278 | 4,574 | 950 |
| Shinele | 6,068 | - | 744 | - | 29 |
| Jijiga | 63,914 | 573 | 1,474 | 2,655 | 281 |
| Liben | - | - | - | - | - |
| Benshangul-Gumuz | 51,859 | 273 | 567 | 766 | 70 |
| Metekel | 23,111 | 81 | 127 | 478 | 70 |
| Asosa | 22,428 | 146 | 302 | 72 | - |
| Kemeshi | 2,640 | - | 102 | 120 | - |
| Pawe Special | 2,134 | 32 | 36 | 96 | - |
| Mao Komo | 1,546 | 14 | - | - | - |
| SNNP | 1,995,987 | 41,125 | 33,775 | 105,349 | 17,267 |
| Gurage | 245,776 | 5,913 | 233 | 1,187 | 442 |
| Hadiya | 185,667 | 1,364 | 619 | 8,772 | 3,893 |
| Kembata Tembaro | 101,478 | 340 | 423 | 5,988 | 2,900 |
| Sidama | 416,381 | 6,540 | 6,058 | 29,284 | 894 |
| Gedio | 57,946 | 1,777 | 3,757 | 3,586 | - |
| Wolayita | 187,623 | 13,793 | 4,251 | 27,798 | 2,153 |
| South Omo | 52,631 | 1,517 | 2,121 | 2,085 | 353 |
| Shaka | 2,150 | - | 106 | 635 | - |
| Kaffa | 60,055 | 494 | 1,699 | 2,265 | 853 |
| Gamo Gofa | 214,760 | 3,973 | 5,654 | 4,359 | 833 |
| Bench Maji | 59,336 | 133 | 1,776 | 8,117 | - |
| Yem Sp. Wereda | 13,097 | 108 | 134 | 1,025 | 102 |
| Amaro Sp. Wereda | 23,740 | 45 | 376 | 190 | - |
| Burji Sp. Wereda | 7,836 | 17 | 17 | - | 52 |
| Konso Sp. Wereda | 32,423 | 338 | 2,047 | 2,945 | 421 |
| Derashe Sp. Wereda | 17,232 | - | 183 | 438 | 1,295 |
| Dawro | 52,465 | 3,501 | 617 | 4,799 | 255 |
| Basketo Sp. Wereda | 12,615 | 86 | 38 | 393 | 38 |
| Konta Sp. Wereda | 12,889 | 263 | 160 | 549 | 34 |
| Silte | 202,028 | 923 | 3,440 | 717 | 2,682 |
| Alaba Sp. Wereda | 37,861 | - | 65 | 218 | 68 |
| Gambela Region | 5,844 | 459 | 1,390 | 505 | 45 |
| Angnuwak | 1,339 | 244 | 1,262 | 475 | - |
| Nuware | 7 | - | - | 7 | - |
| Mezhenger | 4,486 | 215 | 116 | 22 | 45 |
| Itang Special | 12 | - | 12 | - | - |
| Harari | 14,890 | 929 | 52 | 439 | 87 |
| Hundene | 14,890 | 929 | 52 | 439 | 87 |
| Dire Dawa | 18,749 | 133 | 100 | 109 | 254 |

3. Improved Feed

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|--------------------|-------------|-----------|------------------------------------|---------------------------------|--------|
| Ethiopia | 72,192 | 16,765 | 2,029 | 3,829 | 1,659 |
| Tigray | 6,296 | 1,149 | 629 | 1,038 | - |
| North West Tigray | 995 | 293 | 629 | 751 | - |
| Central Tigray | 264 | - | - | 195 | - |
| Eastern Tigray | 307 | 157 | - | - | - |
| Southern Tigray | 4,117 | 368 | - | - | - |
| Western Tigray | 614 | 331 | - | 92 | - |
| Afar | - | 43 | - | - | - |
| Zone 1 | - | - | - | - | - |
| Zone 3 | - | 43 | - | - | - |
| Amhara | 30,673 | 7,756 | - | 1,358 | - |
| North Gonder | 3,367 | - | - | - | - |
| South Gonder | 3,414 | 3,644 | - | - | - |
| North Wolo | 9,310 | 1,729 | - | 817 | - |
| South Wolo | 7,864 | 405 | - | 427 | - |
| North Shewa | 1,552 | 635 | - | - | - |
| East Gojam | 2,764 | - | - | - | - |
| West Gojam | 639 | 686 | - | - | - |
| Waghamera | 355 | 157 | - | - | - |
| Awi | 1,170 | 387 | - | - | - |
| Oromia | 228 | 114 | - | 114 | - |
| Argoba Special | 12 | - | - | - | - |
| Oromia | 10,770 | 3,628 | 408 | 878 | - |
| West Wellega | - | 436 | - | - | - |
| East Wellega | 620 | 194 | - | 209 | - |
| Illubabor | - | - | - | - | - |
| Jimma | 735 | - | - | - | - |
| West Shewa | 624 | 666 | - | - | - |
| North Shewa | 2,158 | 541 | - | 545 | - |
| East Shewa | 1,037 | 262 | 201 | - | - |
| Arsi | 646 | 817 | - | - | - |
| West Harerghe | 569 | - | - | - | - |
| East Harerghe | 426 | - | - | - | - |
| Bale | - | - | - | - | - |
| Borena | - | - | - | - | - |
| South West Shewa | 1,240 | 177 | - | - | - |
| Guji | 666 | - | - | - | - |
| West Arsi | 1,176 | - | - | - | - |
| Kelem Wellega | - | 536 | - | 125 | - |
| Horoguduru Wellega | 874 | - | 207 | - | - |

TABLE 3-29 – b-3 CONT'D

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|-------------------------|-------------|-----------|------------------------------------|------------------------------------|--------|
| Somale | 25 | - | - | - | - |
| Shinele | 25 | - | - | - | - |
| Jijiga | - | - | - | - | - |
| Liben | - | - | - | - | - |
| Benshangul-Gumuz | 753 | - | 26 | - | - |
| Metekel | 140 | - | - | - | - |
| Asosa | 494 | - | - | - | - |
| Kemeshi | - | - | 26 | - | - |
| Pawe Special | 58 | - | - | - | - |
| Mao Komo | 61 | - | - | - | - |
| SNNP | 22,558 | 4,169 | 967 | 231 | 1,551 |
| Gurage | 3,343 | 244 | - | - | - |
| Hadiya | 186 | - | - | - | - |
| Kembata Tembaro | 6,523 | 109 | - | - | 130 |
| Sidama | 8,214 | 2,009 | - | - | 1,421 |
| Gedio | 213 | 168 | - | - | - |
| Wolayita | - | 443 | 442 | - | - |
| South Omo | - | - | - | - | - |
| Shaka | - | - | - | - | - |
| Kaffa | - | - | - | - | - |
| Gamo Gofa | 539 | - | 257 | - | - |
| Bench Maji | 444 | - | - | - | - |
| Yem Sp. Wereda | - | - | - | - | - |
| Amaro Sp. Wereda | - | - | - | - | - |
| Burji Sp. Wereda | 17 | - | - | - | - |
| Konso Sp. Wereda | 146 | - | - | - | - |
| Derashe Sp. Wereda | 182 | - | - | - | - |
| Dawro | - | - | - | - | - |
| Basketo Sp. Wereda | - | - | - | - | - |
| Konta Sp. Wereda | 32 | - | - | - | - |
| Silte | 2,591 | 1,196 | 268 | 231 | - |
| Alaba Sp. Wereda | 128 | - | - | - | - |
| Gambela Region | - | - | - | - | - |
| Angnuwak | - | - | - | - | - |
| Nuware | - | - | - | - | - |
| Mezhenger | - | - | - | - | - |
| Itang Special | - | - | - | - | - |
| Harari | 1,115 | 21 | - | 324 | 108 |
| Hundene | 1,115 | 21 | - | 324 | 108 |
| Dire Dawa | - | - | - | - | - |

4. Hay

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|--------------------|-------------|-----------|------------------------------------|---------------------------------|--------|
| Ethiopia | 2,428,312 | 514,993 | 95,527 | 520,229 | 53,208 |
| Tigray | 415,109 | 34,533 | 5,962 | 90,183 | 1,801 |
| North West Tigray | 80,143 | 8,065 | 1,082 | 19,385 | 178 |
| Central Tigray | 137,929 | 13,348 | 659 | 32,862 | 206 |
| Eastern Tigray | 59,695 | 5,864 | 605 | 15,125 | 515 |
| Southern Tigray | 115,428 | 3,626 | 1,771 | 14,901 | 642 |
| Western Tigray | 21,913 | 3,629 | 1,845 | 7,910 | 261 |
| Afar | 304 | 489 | 43 | 59 | 4,340 |
| Zone 1 | 304 | 190 | - | - | - |
| Zone 3 | - | 300 | 43 | 59 | 4,340 |
| Amhara | 1,288,534 | 295,018 | 74,694 | 324,766 | 29,307 |
| North Gonder | 217,670 | 55,220 | 4,466 | 55,091 | 8,916 |
| South Gonder | 151,773 | 61,386 | 2,048 | 52,725 | 1,666 |
| North Wolo | 135,372 | 12,042 | 5,372 | 33,858 | 1,947 |
| South Wolo | 269,275 | 54,067 | 33,040 | 91,723 | 814 |
| North Shewa | 166,793 | 28,573 | 614 | 39,489 | 9,667 |
| East Gojam | 82,619 | 8,072 | 21,375 | 12,873 | 300 |
| West Gojam | 138,460 | 52,854 | 4,191 | 15,048 | 2,639 |
| Waghamera | 36,724 | 918 | 644 | 9,110 | 1,012 |
| Awi | 49,841 | 14,877 | 203 | 4,050 | 1,735 |
| Oromia | 37,723 | 6,338 | 2,621 | 9,773 | 600 |
| Argoba Special | 2,284 | 669 | 118 | 1,026 | 11 |
| Oromia | 486,521 | 131,596 | 8,425 | 78,258 | 15,931 |
| West Wellega | 1,136 | 219 | 219 | - | - |
| East Wellega | 7,084 | 592 | - | 5,738 | - |
| Illubabor | 454 | - | - | 5,594 | - |
| Jimma | 10,798 | 345 | - | 1,161 | 2,314 |
| West Shewa | 33,431 | 10,693 | - | 3,477 | 1,261 |
| North Shewa | 129,994 | 56,261 | 1,862 | 40,418 | 7,141 |
| East Shewa | 31,092 | 3,226 | 951 | 3,085 | 437 |
| Arsi | 52,838 | 7,378 | 368 | 1,110 | 1,802 |
| West Harerghe | 60,208 | 13,517 | 1,974 | 8,817 | 309 |
| East Harerghe | 69,993 | 18,396 | 2,489 | 7,469 | - |
| Bale | 4,799 | 460 | - | 217 | - |
| Borena | 7,159 | - | - | - | - |
| South West Shewa | 39,103 | 10,705 | 563 | 745 | 1,288 |
| Guji | 11,272 | 1,000 | - | 220 | - |
| West Arsi | 18,921 | 6,324 | - | - | 1,378 |
| Kelem Wellega | 1,421 | - | - | - | - |
| Horoguduru Wellega | 6,818 | 2,482 | - | 207 | - |

TABLE 3-29 – b-4 CONT'D

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|-------------------------|-------------|-----------|------------------------------------|------------------------------------|--------|
| Somale | 5,286 | 151 | 394 | 510 | - |
| Shinele | 94 | 151 | 117 | - | - |
| Jijiga | 4,271 | - | 198 | 510 | - |
| Liben | 921 | - | 78 | - | - |
| Benshangul-Gumuz | 10,792 | 271 | 295 | 768 | - |
| Metekel | 4,103 | - | 73 | 73 | - |
| Asosa | 6,214 | 214 | 148 | 310 | - |
| Kemeshi | 32 | - | 30 | - | - |
| Pawe Special | 296 | 56 | 44 | 386 | - |
| Mao Komo | 147 | - | - | - | - |
| SNNP | 219,864 | 52,890 | 5,685 | 25,629 | 1,829 |
| Gurage | 67,423 | 19,069 | 233 | 13,319 | 263 |
| Hadiya | 15,826 | 6,699 | 206 | 614 | 206 |
| Kembata Tembaro | 8,243 | 3,975 | - | 1,035 | - |
| Sidama | 24,441 | 8,602 | - | - | - |
| Gedio | 2,613 | 436 | 218 | 278 | - |
| Wolayita | 22,914 | 4,879 | 455 | 7,762 | 319 |
| South Omo | - | - | - | - | - |
| Shaka | 58 | - | - | - | - |
| Kaffa | 1,331 | - | - | - | - |
| Gamo Gofa | 10,362 | 4,026 | 1,644 | 774 | - |
| Bench Maji | - | - | - | - | - |
| Yem Sp. Wereda | 3,373 | 175 | 25 | 626 | 50 |
| Amaro Sp. Wereda | - | - | - | - | - |
| Burji Sp. Wereda | 3,373 | 175 | 25 | 626 | 50 |
| Konso Sp. Wereda | 6,441 | 426 | 71 | - | 145 |
| Derashe Sp. Wereda | 902 | 43 | - | 85 | - |
| Dawro | 4,034 | 78 | 637 | 172 | - |
| Basketo Sp. Wereda | 20 | - | - | - | - |
| Konta Sp. Wereda | 699 | 29 | 128 | - | - |
| Silte | 42,439 | 4,122 | 1,338 | 229 | 845 |
| Alaba Sp. Wereda | 8,707 | 332 | 729 | 735 | - |
| Gambela Region | 196 | - | - | 29 | - |
| Angnuwak | - | - | - | - | - |
| Nuware | 7 | - | - | 29 | - |
| Mezhenger | 189 | - | - | - | - |
| Itang Special | - | - | - | - | - |
| Harari | 1,379 | 45 | - | 26 | - |
| Hundene | 1,379 | 45 | - | 26 | - |
| Dire Dawa | 329 | - | 30 | - | - |

5. By-Product

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|--------------------|-------------|-----------|------------------------------------|---------------------------------|--------|
| Ethiopia | 351,644 | 345,778 | 3,298 | 28,049 | 8,547 |
| Tigray | 78,297 | 17,336 | 505 | 14,158 | 698 |
| North West Tigray | 33,640 | 4,113 | 505 | 4,853 | - |
| Central Tigray | 19,759 | 2,756 | - | 1,658 | - |
| Eastern Tigray | 3,805 | 1,059 | - | 174 | - |
| Southern Tigray | 9,081 | 4,238 | - | 5,687 | - |
| Western Tigray | 12,012 | 5,169 | - | 1,787 | 698 |
| Afar | 19 | 746 | 43 | - | 1,017 |
| Zone 1 | 19 | 191 | - | - | 881 |
| Zone 3 | - | 555 | 43 | - | 136 |
| Amhara | 76,277 | 57,906 | 406 | 1,761 | 1,703 |
| North Gonder | 16,335 | 10,952 | - | 371 | 374 |
| South Gonder | 18,581 | 2,347 | - | - | 333 |
| North Wolo | 7,234 | 579 | - | - | 267 |
| South Wolo | 854 | 2,841 | 406 | 854 | - |
| North Shewa | 8,226 | 31,067 | - | 308 | 616 |
| East Gojam | 3,093 | 1,421 | - | - | - |
| West Gojam | 17,612 | 6,840 | - | - | - |
| Waghamera | 356 | - | - | - | - |
| Awi | 1,576 | 1,402 | - | - | - |
| Oromia | 2,410 | 458 | - | 228 | 114 |
| Argoba Special | - | - | - | - | - |
| Oromia | 113,569 | 201,005 | 2,165 | 9,115 | 3,584 |
| West Wellega | 10,638 | 1,117 | 684 | - | 820 |
| East Wellega | 15,826 | 4,109 | 213 | 572 | - |
| Illubabor | 226 | 510 | - | - | - |
| Jimma | 12,077 | 390 | - | 749 | - |
| West Shewa | 893 | 6,852 | - | - | - |
| North Shewa | 4,978 | 18,946 | - | 830 | 509 |
| East Shewa | 3,496 | 54,742 | - | - | - |
| Arsi | 14,104 | 34,052 | - | - | 1,782 |
| West Harerghe | 2,413 | 3,514 | - | 535 | - |
| East Harerghe | 6,457 | 25,683 | - | - | - |
| Bale | 8,319 | 16,448 | - | 210 | - |
| Borena | 313 | 141 | - | - | - |
| South West Shewa | 4,882 | 10,196 | - | - | 176 |
| Guji | 413 | 994 | 638 | 207 | - |
| West Arsi | 6,642 | 20,030 | 282 | 5,040 | 296 |
| Kelem Wellega | 17,003 | 1,037 | 125 | 876 | - |
| Horoguduru Wellega | 4,889 | 2,244 | 222 | 97 | - |

TABLE 3-29 – b-5 CONT'D

| Geographic Area | Own Holding | Purchased | Communal/ Government Holding | From any Two or More Sources | Others |
|-------------------------|-------------|-----------|------------------------------------|------------------------------------|--------|
| Somale | 200 | 560 | - | - | - |
| Shinele | - | 325 | - | - | - |
| Jijiga | 200 | - | - | - | - |
| Liben | - | 235 | - | - | - |
| Benshangul-Gumuz | 3,332 | 304 | 58 | 102 | 19 |
| Metekel | 210 | 140 | - | - | - |
| Asosa | 1,626 | 67 | - | - | - |
| Kemeshi | 573 | 21 | - | - | - |
| Pawe Special | 163 | 64 | 18 | 62 | 9 |
| Mao Komo | 759 | 12 | 40 | 40 | 10 |
| SNNP | 78,472 | 57,651 | 121 | 2,510 | 1,085 |
| Gurage | 38,165 | 5,374 | - | 233 | 221 |
| Hadiya | 1,855 | 2,563 | - | - | - |
| Kembata Tembaro | 2,643 | 10,153 | - | 1,088 | 106 |
| Sidama | 4,815 | 28,146 | - | 382 | - |
| Gedio | - | 180 | - | - | - |
| Wolayita | 450 | 8,322 | - | - | - |
| South Omo | - | - | - | - | - |
| Shaka | 697 | - | - | 58 | - |
| Kaffa | 14,860 | 131 | - | - | - |
| Gamo Gofa | 2,032 | 276 | - | - | - |
| Bench Maji | 8,516 | 2,065 | 121 | 726 | 757 |
| Yem Sp. Wereda | - | - | - | 24 | - |
| Amaro Sp. Wereda | - | - | - | - | - |
| Burji Sp. Wereda | 64 | - | - | - | - |
| Konso Sp. Wereda | 1,383 | - | - | - | - |
| Derashe Sp. Wereda | 44 | - | - | - | - |
| Dawro | 183 | 174 | - | - | - |
| Basketo Sp. Wereda | 243 | - | - | - | - |
| Konta Sp. Wereda | - | - | - | - | - |
| Silte | 2,202 | - | - | - | - |
| Alaba Sp. Wereda | 318 | 267 | - | - | - |
| Gambela Region | 1,081 | 418 | - | 47 | 197 |
| Angnuwak | 164 | 394 | - | - | - |
| Nuware | - | - | - | - | - |
| Mezhenger | 917 | 23 | - | 47 | 197 |
| Itang Special | - | - | - | - | - |
| Harari | 281 | 5,157 | - | 356 | - |
| Hundene | 281 | 5,157 | - | 356 | - |
| Dire Dawa | 117 | 4,695 | - | - | 244 |

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

| Geographic Area | Number of Holders Practiced | | | | |
|--------------------|-----------------------------|--------------------------------------|-----------------------------|-----------------------------------|--------------------------|
| | Dairy Development Package | Beef/Meat/Mutton Development Package | Poultry Development Package | Honey and Wax Development Package | Any Two or More Packages |
| Ethiopia | 32,634 | 45,026 | 25,834 | 20,970 | 9,387 |
| Tigray | 22,425 | 19,785 | 6,623 | 11,403 | 6,438 |
| North West Tigray | 1,498 | - | 897 | 300 | - |
| Central Tigray | 9,090 | 10,980 | 1,570 | 3,341 | 2,507 |
| Eastern Tigray | 6,243 | 1,822 | 337 | 6,557 | 2,065 |
| Southern Tigray | 5,142 | 6,801 | 3,455 | 1,116 | 1,686 |
| Western Tigray | 453 | 183 | 364 | 89 | 181 |
| Afar | - | - | 49 | - | - |
| Zone 1 | - | - | - | - | - |
| Zone 3 | - | - | 49 | - | - |
| Ambara | 1,551 | 18,717 | 2,464 | 7,369 | 1,595 |
| North Gonder | - | 447 | 385 | - | - |
| South Gonder | - | - | - | - | 322 |
| North Wolo | - | 274 | - | - | - |
| South Wolo | - | 3,138 | - | 801 | - |
| North Shewa | 627 | 321 | - | 390 | - |
| East Gojam | 629 | 8,642 | 856 | 1,755 | 1,152 |
| West Gojam | 296 | 4,927 | 808 | 3,755 | - |
| Waghamera | - | 121 | 121 | 243 | 121 |
| Awi | - | 354 | 182 | 190 | - |
| Oromia | - | 450 | 113 | 233 | - |
| Argoba Special | - | 44 | - | - | - |
| Oromia | 7,226 | 4,693 | 5,857 | 1,376 | 987 |
| West Wellega | - | - | 654 | - | - |
| East Wellega | - | - | 586 | 453 | - |
| Illubabor | - | 218 | 237 | - | 465 |
| Jimma | - | - | 1,146 | - | - |
| West Shewa | 304 | 283 | 283 | - | - |
| North Shewa | 1,628 | 255 | - | - | - |
| East Shewa | 220 | 216 | 660 | 472 | - |
| Arsi | 2,513 | - | 628 | - | - |
| West Harerghe | 276 | 276 | 849 | - | - |
| East Harerghe | - | - | - | 450 | - |
| Bale | 213 | 3,192 | - | - | - |
| Borena | 349 | - | 539 | - | 521 |
| South West Shewa | - | 253 | - | - | - |
| Guji | 1,723 | - | - | - | - |
| West Arsi | - | - | 276 | - | - |
| Kelem Wellega | 7,226 | 4,693 | 5,857 | 1,376 | 987 |
| Horoguduru Wellega | - | - | 654 | - | - |

TABLE 3 – 30 CONT'D

| Geographic Area | Number of Holders Practiced | | | | |
|-------------------------|-----------------------------|--------------------------------------|-----------------------------|-----------------------------------|--------------------------|
| | Dairy Development Package | Beef/Meat/Mutton Development Package | Poultry Development Package | Honey and Wax Development Package | Any Two or More Packages |
| Somale | - | - | - | - | - |
| Shinele | - | - | - | - | - |
| Jijiga | - | - | - | - | - |
| Liben | - | - | - | - | - |
| Benshangul-Gumuz | - | 31 | 150 | 67 | - |
| Metekel | - | - | 141 | 67 | - |
| Asosa | - | 31 | - | - | - |
| Kemeshi | - | - | 9 | - | - |
| Pawe Special | - | 31 | 150 | 67 | - |
| Mao Komo | - | - | - | - | - |
| SNNP | 1,383 | 1,730 | 10,605 | 756 | 367 |
| Gurage | 261 | 563 | 1,288 | 499 | - |
| Hadiya | - | - | 238 | - | - |
| Kembata Tembaro | 138 | - | 316 | - | - |
| Sidama | - | 382 | 1,397 | - | - |
| Gedio | - | - | 485 | - | - |
| Wolayita | 905 | 448 | 457 | - | - |
| South Omo | - | - | 371 | - | - |
| Shaka | 49 | 54 | 1,186 | 257 | - |
| Kaffa | - | - | 1,392 | - | - |
| Gamo Gofa | - | - | 259 | - | - |
| Bench Maji | - | 130 | 1,057 | - | 318 |
| Yem Sp. Wereda | - | 27 | 400 | - | 50 |
| Amaro Sp. Wereda | - | - | 87 | - | - |
| Burji Sp. Wereda | - | - | - | - | - |
| Konso Sp. Wereda | - | - | 76 | - | - |
| Derashe Sp. Wereda | - | 49 | - | - | - |
| Dawro | - | 78 | 87 | - | - |
| Basketo Sp. Wereda | - | - | 238 | - | - |
| Konta Sp. Wereda | 30 | - | 219 | - | - |
| Silte | - | - | 708 | - | - |
| Alaba Sp. Wereda | - | - | 343 | - | - |
| Gambela Region | - | - | - | - | - |
| Angnuwak | - | - | - | - | - |
| Nuware | - | - | - | - | - |
| Mezhenger | - | - | - | - | - |
| Itang Special | - | - | - | - | - |
| Harari | 49 | - | - | - | - |
| Hundene | 49 | - | - | - | - |
| Dire Dawa | - | 70 | 86 | - | - |

**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 | 47,570,675 | 648,221 | 1.36 | 26,117,272 | 732,978 | 2.81 | 21,709,428 | 760,894 | 3.5 |
| Tigray | 3,119,407 | 150,534 | 4.83 | 1,388,104 | 135,792 | 9.78 | 3,005,463 | 227,084 | 7.56 |
| Afar | 401,167 | 40,683 | 10.14 | 353,418 | 46,616 | 13.19 | 599,828 | 64,243 | 10.71 |
| Amhara | 11,757,295 | 275,739 | 2.35 | 9,469,746 | 486,462 | 5.14 | 5,468,624 | 273,855 | 5.01 |
| Oromia..... | 21,410,978 | 461,185 | 2.15 | 9,401,844 | 422,718 | 4.5 | 7,685,529 | 495,273 | 6.44 |
| Somali | 640,357 | 60,625 | 9.47 | 1,306,061 | 260,176 | 19.92 | 1,703,290 | 262,365 | 15.4 |
| Benshangul-Gumuz..... | 363,590 | 12,577 | 3.46 | 85,274 | 4,916 | 5.76 | 371,500 | 33,174 | 8.93 |
| SNNP..... | 9,574,677 | 319,836 | 3.34 | 4,000,053 | 182,928 | 4.57 | 2,624,588 | 364,522 | 13.89 |
| Gambella | 212,591 | 31,765 | 14.94 | 48,114 | 10,243 | 21.29 | 54,638 | 9,189 | 16.82 |
| Harari..... | 40,775 | 2,606 | 6.39 | 5,035 | 779 | 15.48 | 41,226 | 2,380 | 5.77 |
| Dire Dawa | 49,838 | 2,341 | 4.7 | 59,623 | 4,922 | 8.26 | 154,743 | 8,428 | 5.45 |

Annex Table 1-Cont'd

| Geographic Area | HORSES | | | MULES | | | DONKEYS | | | CAMELS | | |
|-----------------------|-----------|--------|--------|---------|--------|-------|-----------|---------|-------|-----------|---------|--------|
| | Number | SE | CV | Number | SE | CV | Number | SE | CV | Number | SE | CV |
| Ethiopia | 1,775,794 | 92,920 | 5.23 | 376,682 | 18,911 | 5.02 | 5,572,931 | 541,823 | 9.72 | 1,009,040 | 171,450 | 16.99 |
| Tigray..... | 12,694 | 8,350 | 65.78 | 6,665 | 2,825 | 42.38 | 462,497 | 18,874 | 4.08 | 34,448 | 7,122 | 20.68 |
| Afar | 35 | 34 | 96.35 | 136 | 88 | 64.7 | 32,897 | 9,863 | 29.98 | 142,357 | 53,753 | 37.76 |
| Amhara | 304,004 | 37,744 | 12.42 | 135,908 | 12,825 | 9.44 | 1,804,408 | 44,073 | 2.44 | 47,026 | 12,590 | 26.77 |
| Oromia | 1,111,943 | 79,036 | 7.11 | 180,364 | 12,923 | 7.16 | 2,197,828 | 66,989 | 3.05 | 447,688 | 149,535 | 33.4 |
| Somali | 167 | 168 | 100.51 | 377 | 334 | 88.57 | 636,796 | 534,689 | 83.97 | 330,563 | 62,721 | 18.97 |
| Benshangul-Gumuz..... | 280 | - | - | 682 | 143 | 20.95 | 50,738 | 3,558 | 7.01 | - | - | - |
| SNNP | 346,335 | 29,885 | 8.63 | 52,456 | 4,245 | 8.09 | 364,985 | 27,969 | 7.66 | 121 | 122 | 100.24 |
| Gambella..... | 336 | 122 | 36.18 | 95 | 65 | 68.33 | 369 | 299 | 81.12 | - | - | - |
| Harari | - | - | - | - | - | - | 8,328 | 974 | 11.7 | 1,777 | 1,099 | 61.86 |
| Dire Dawa..... | - | - | - | - | - | - | 14,083 | 860 | 6.1 | 5,060 | 904 | 17.86 |

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 | 2,180,519 | 47,014 | 2.16 | 1,987,742 | 41,963 | 2.11 | 3,442,853 | 64,532 | 1.87 | 12,699,924 | 159,653 | 1.26 | 790216 | 37080 | 4.69 |
| Tigray..... | 150,372 | 9,651 | 6.42 | 105,291 | 9,137 | 8.68 | 216,377 | 12,411 | 5.74 | 922,849 | 28,056 | 3.04 | 79,677 | 8,376 | 10.5 |
| Afar | 22,188 | 2,933 | 13.22 | 18,805 | 2,701 | 14.36 | 17,561 | 3,499 | 19.92 | 33,236 | 5,402 | 16.25 | 442 | 161 | 36.4 |
| Amhara | 445,297 | 18,424 | 4.14 | 397,612 | 19,360 | 4.87 | 862,832 | 29,038 | 3.37 | 3,906,997 | 83,208 | 2.13 | 387,028 | 27,147 | 7.01 |
| Oromia | 1,006,594 | 33,691 | 3.35 | 953,817 | 31,420 | 3.29 | 1,609,530 | 45,188 | 2.81 | 5,719,491 | 118,112 | 2.07 | 272,754 | 22,053 | 8.09 |
| Somali | 51,135 | 5,218 | 10.2 | 31,646 | 3,400 | 10.74 | 34,100 | 5,277 | 15.47 | 82,227 | 9,909 | 12.05 | 4,572 | 2,966 | 64.9 |
| Benshangul-Gumuz | 13,528 | 598 | 4.42 | 18,436 | 771 | 4.18 | 33,210 | 1,356 | 4.08 | 96,687 | 3,992 | 4.13 | 3,860 | 126 | 3.26 |
| SNNP..... | 472,031 | 24,544 | 5.2 | 447,760 | 17,157 | 3.83 | 640,608 | 32,688 | 5.1 | 1,901,593 | 60,531 | 3.18 | 40,780 | 8,522 | 20.9 |
| Gambella..... | 12,966 | 1,961 | 15.12 | 10,061 | 1,208 | 12.01 | 19,718 | 3,787 | 19.21 | 23,036 | 4,356 | 18.91 | 1,104 | 180 | 16.3 |
| Harari..... | 2,004 | 236 | 11.78 | 2,031 | 244 | 12.03 | 3,950 | 381 | 9.65 | 7,028 | 1,024 | 14.57 | - | - | - |
| Dire Dawa..... | 4,404 | 368 | 8.36 | 2,283 | 269 | 11.79 | 4,967 | 401 | 8.07 | 6,780 | 626 | 9.23 | - | - | - |

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 | 2,406,289 | 51,626 | 2.15 | 2,120,662 | 46,473 | 2.19 | 4,248,694 | 83,233 | 1.96 | 16,967,428 | 268,684 | 1.58 | 726,348 | 36,405 | 5.01 |
| Tigray..... | 169,583 | 12,252 | 7.22 | 125,890 | 11,784 | 9.36 | 249,609 | 16,464 | 6.6 | 1,036,743 | 61,144 | 5.9 | 63,015 | 10,174 | 16.2 |
| Afar | 38,550 | 4,442 | 11.52 | 32,814 | 4,023 | 12.26 | 42,330 | 5,846 | 13.81 | 193,637 | 17,543 | 9.06 | 1,604 | 597 | 37.2 |
| Amhara | 496,122 | 20,321 | 4.1 | 406,450 | 23,241 | 5.72 | 916,787 | 33,621 | 3.67 | 3,695,434 | 101,350 | 2.74 | 242,736 | 22,772 | 9.38 |
| Oromia | 1,074,339 | 37,136 | 3.46 | 995,395 | 32,954 | 3.31 | 1,995,998 | 57,555 | 2.88 | 7,480,620 | 186,603 | 2.49 | 302,442 | 22,872 | 7.56 |
| Somali | 58,583 | 6,424 | 10.97 | 40,925 | 5,658 | 13.82 | 49,695 | 6,938 | 13.96 | 280,800 | 26,050 | 9.28 | 6,674 | 3,642 | 54.6 |
| Benshangul-Gumuz | 13,567 | 703 | 5.18 | 20,014 | 720 | 3.6 | 33,740 | 1,248 | 3.7 | 125,876 | 4,952 | 3.93 | 4,672 | 241 | 5.16 |
| SNNP..... | 534,456 | 25,538 | 4.78 | 482,342 | 18,491 | 3.83 | 921,588 | 45,927 | 4.98 | 4,033,325 | 148,819 | 3.69 | 100,194 | 12,888 | 12.9 |
| Gambella..... | 14,821 | 3,035 | 20.48 | 12,817 | 2,001 | 15.61 | 28,402 | 4,480 | 15.78 | 85,832 | 14,134 | 16.47 | 3,834 | 521 | 13.6 |
| Harari..... | 2,271 | 253 | 11.16 | 2,203 | 275 | 12.5 | 4,791 | 463 | 9.66 | 16,004 | 1,177 | 7.35 | 493 | 157 | 31.9 |
| Dire Dawa..... | 3,997 | 392 | 9.8 | 1,813 | 308 | 17 | 5,754 | 513 | 8.92 | 19,157 | 973 | 5.08 | 683 | 150 | 21.9 |

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 | 3,248,091 | 89,815 | 2.77 | 1,163,234 | 45,254 | 3.89 | 933,101 | 55,492 | 5.95 | 1,542,074 | 82,313 | 5.34 |
| Tigray..... | 135,656 | 14,464 | 10.66 | 78,194 | 9,079 | 11.61 | 48,846 | 6,658 | 13.63 | 78,016 | 10,939 | 14.02 |
| Afar | 25,606 | 3,541 | 13.83 | 19,430 | 3,329 | 17.13 | 15,543 | 2,935 | 18.88 | 28,549 | 4,999 | 17.51 |
| Amhara | 1,159,109 | 61,803 | 5.33 | 381,634 | 25,815 | 6.76 | 315,752 | 41,583 | 13.17 | 587,507 | 53,276 | 9.07 |
| Oromia..... | 1,325,674 | 56,795 | 4.28 | 409,175 | 30,055 | 7.35 | 318,824 | 27,399 | 8.59 | 436,957 | 35,061 | 8.02 |
| Somali | 106,059 | 17,617 | 16.61 | 74,752 | 14,427 | 19.3 | 70,133 | 18,238 | 26.01 | 180,617 | 47,481 | 26.29 |
| Benshangul-Gumuz | 14,005 | 837 | 5.98 | 2,752 | 318 | 11.55 | 3,648 | 492 | 13.5 | 4,359 | 634 | 14.54 |
| SNNP | 469,416 | 22,083 | 4.7 | 189,971 | 13,248 | 6.97 | 151,142 | 14,416 | 9.54 | 218,236 | 17,517 | 8.03 |
| Gambella..... | 4,853 | 723 | 14.9 | 3,204 | 836 | 26.1 | 4,319 | 2,363 | 54.7 | 4,156 | 1,139 | 27.41 |
| Harari | 425 | 110 | 25.84 | 287 | 92 | 32.11 | 431 | 124 | 28.78 | 434 | 110 | 25.29 |
| Dire Dawa..... | 7,288 | 735 | 10.09 | 3,836 | 491 | 12.79 | 4,464 | 508 | 11.38 | 3,243 | 498 | 15.35 |

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 | 3,488,149 | 102,340 | 2.93 | 1,516,324 | 59,032 | 3.89 | 1,989,455 | 78,622 | 3.95 | 12,236,844 | 347,153 | 2.84 |
| Tigray..... | 134,536 | 14,581 | 10.84 | 110,577 | 14,988 | 13.55 | 136,919 | 18,135 | 13.25 | 665,360 | 65,785 | 9.89 |
| Afar | 40,402 | 5,757 | 14.25 | 34,490 | 5,565 | 16.14 | 38,853 | 6,230 | 16.04 | 150,547 | 19,044 | 12.65 |
| Amhara | 1,199,990 | 65,829 | 5.49 | 474,485 | 32,263 | 6.8 | 623,624 | 44,800 | 7.18 | 4,727,644 | 251,699 | 5.32 |
| Oromia | 1,439,388 | 67,684 | 4.7 | 525,924 | 34,837 | 6.62 | 691,704 | 47,582 | 6.88 | 4,254,199 | 189,563 | 4.46 |
| Somali | 133,015 | 24,114 | 18.13 | 111,362 | 26,912 | 24.17 | 124,279 | 32,569 | 26.21 | 505,845 | 95,910 | 18.96 |
| Benshangul-Gumuz | 12,677 | 815 | 6.43 | 5,230 | 432 | 8.25 | 7,817 | 654 | 8.37 | 34,786 | 1,889 | 5.43 |
| SNNP | 515,277 | 27,010 | 5.24 | 245,785 | 15,779 | 6.42 | 353,103 | 21,838 | 6.18 | 1,857,123 | 85,581 | 4.61 |
| Gambella..... | 5,152 | 969 | 18.8 | 4,031 | 938 | 23.27 | 6,359 | 1,998 | 31.42 | 16,040 | 2,494 | 15.55 |
| Harari | 472 | 143 | 30.37 | 316 | 91 | 28.77 | 644 | 180 | 27.88 | 2,025 | 329 | 16.22 |
| Addis Ababa | 7,239 | 744 | 10.27 | 4,125 | 645 | 15.63 | 6,154 | 747 | 12.14 | 23,275 | 2,399 | 10.31 |
| Dire Dawa..... | 3,488,149 | 102,340 | 2.93 | 1,516,324 | 59,032 | 3.89 | 1,989,455 | 78,622 | 3.95 | 12,236,844 | 347,153 | 2.84 |

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 | 2,460,318 | 80,296 | 3.26 | 1,219,454 | 60,009 | 4.92 | 1,070,525 | 59,767 | 5.58 | 1,901,116 | 95,940 | 5.05 |
| Tigray..... | 278,509 | 21,555 | 7.74 | 170,153 | 22,227 | 13.06 | 155,987 | 23,589 | 15.12 | 250,731 | 30,971 | 12.35 |
| Afar | 42,949 | 5,491 | 12.78 | 29,865 | 4,763 | 15.95 | 25,120 | 5,007 | 19.93 | 44,017 | 6,470 | 14.7 |
| Amhara | 644,993 | 41,796 | 6.48 | 303,113 | 22,765 | 7.51 | 274,855 | 21,221 | 7.72 | 527,585 | 35,336 | 6.7 |
| Oromia..... | 1,016,363 | 56,794 | 5.59 | 440,445 | 38,338 | 8.7 | 332,004 | 33,510 | 10.09 | 558,435 | 55,742 | 9.98 |
| Somali | 138,315 | 17,409 | 12.59 | 98,849 | 18,894 | 19.11 | 100,699 | 23,591 | 23.43 | 225,102 | 45,338 | 20.14 |
| Benshangul-Gumuz | 49,164 | 3,492 | 7.1 | 21,234 | 2,186 | 10.29 | 15,747 | 2,105 | 13.37 | 23,219 | 3,722 | 16.03 |
| SNNP | 260,711 | 25,727 | 9.87 | 141,935 | 27,077 | 19.08 | 153,656 | 29,227 | 19.02 | 256,532 | 42,145 | 16.43 |
| Gambella..... | 5,268 | 770 | 14.62 | 3,086 | 827 | 26.79 | 3,311 | 1,261 | 38.09 | 4,456 | 1,035 | 23.23 |
| Harari | 4,519 | 463 | 10.25 | 2,661 | 305 | 11.45 | 2,431 | 444 | 18.28 | 2,423 | 381 | 15.73 |
| Dire Dawa..... | 19,527 | 1,481 | 7.59 | 8,113 | 808 | 9.96 | 6,716 | 597 | 8.89 | 8,617 | 920 | 10.68 |

Annex Table 4 – Cont'd

Female Goats

| Geographic Area | <6MONTHS | | | 6MONTHS - <1YEAR | | | 1-<2YEARS | | | 2 YEARS & OLDER | | |
|------------------------|-----------|--------|-------|------------------|--------|-------|-----------|--------|-------|-----------------|---------|-------|
| | Number | SE | CV | Number | SE | CV | Number | SE | CV | Number | SE | CV |
| Ethiopia | 2,698,729 | 90,886 | 3.37 | 1,548,946 | 66,846 | 4.32 | 1,863,038 | 84,336 | 4.53 | 8,947,302 | 299,285 | 3.34 |
| Tigray..... | 309,250 | 26,969 | 8.72 | 245,814 | 31,705 | 12.9 | 293,398 | 27,555 | 9.39 | 1,301,620 | 69,883 | 5.37 |
| Afar | 75,908 | 9,030 | 11.9 | 59,045 | 7,839 | 13.28 | 70,397 | 9,147 | 12.99 | 252,527 | 26,472 | 10.48 |
| Amhara | 687,316 | 41,865 | 6.09 | 345,711 | 22,319 | 6.46 | 415,509 | 28,007 | 6.74 | 2,269,542 | 108,669 | 4.79 |
| Oromia..... | 1,051,729 | 61,732 | 5.87 | 542,475 | 41,040 | 7.57 | 629,447 | 53,497 | 8.5 | 3,114,631 | 199,889 | 6.42 |
| Somali | 180,285 | 25,751 | 14.28 | 133,582 | 24,892 | 18.63 | 160,750 | 33,916 | 21.1 | 665,710 | 90,225 | 13.55 |
| Benshangul-Gumuz | 56,854 | 4,576 | 8.05 | 31,389 | 2,998 | 9.55 | 36,474 | 3,952 | 10.83 | 137,418 | 13,385 | 9.74 |
| SNNP | 305,189 | 34,631 | 11.35 | 172,825 | 24,271 | 14.04 | 230,113 | 38,106 | 16.56 | 1,103,627 | 154,521 | 14 |
| Gambella..... | 6,869 | 1,379 | 20.08 | 5,243 | 874 | 16.66 | 7,308 | 1,735 | 23.74 | 19,097 | 3,084 | 16.15 |
| Harari | 4,946 | 544 | 11.01 | 3,005 | 334 | 11.12 | 3,000 | 388 | 12.92 | 18,241 | 1,174 | 6.44 |
| Addis Ababa | 20,382 | 1,498 | 7.35 | 9,857 | 924 | 9.37 | 16,641 | 1,481 | 8.9 | 64,890 | 3,937 | 6.07 |
| Dire Dawa..... | 2,698,729 | 90,886 | 3.37 | 1,548,946 | 66,846 | 4.32 | 1,863,038 | 84,336 | 4.53 | 8,947,302 | 299,285 | 3.34 |

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 | 174,924 | 14,104 | 8.06 | 665,960 | 33,680 | 5.06 | 197,385 | 14,778 | 7.49 | 737,524 | 44,039 | 5.97 |
| Tigray..... | 1,012 | 689 | 68.09 | 3,923 | 1,684 | 42.94 | 1,068 | 967 | 90.55 | 6,692 | 5,325 | 79.58 |
| Afar | - | - | - | 35 | 34 | 96.35 | - | - | - | - | - | - |
| Amhara | 24,216 | 4,903 | 20.25 | 98,618 | 12,505 | 12.68 | 31,482 | 5,221 | 16.58 | 149,687 | 21,169 | 14.14 |
| Oromia..... | 117,936 | 12,503 | 10.6 | 420,115 | 27,885 | 6.64 | 132,880 | 13,109 | 9.87 | 441,012 | 35,298 | 8 |
| Somali | - | - | - | - | - | - | - | - | - | 167 | 168 | 100.51 |
| Benshangul-Gumuz | 140 | - | - | 140 | - | - | - | - | - | - | - | - |
| SNNP | 31,620 | 4,251 | 13.44 | 142,794 | 14,054 | 9.84 | 31,955 | 4,282 | 13.4 | 139,966 | 14,730 | 10.52 |
| Gambella..... | - | - | - | 336 | 122 | 36.18 | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - | - | - | - | - | - |
| Dire Dawa..... | - | - | - | - | - | - | - | - | - | - | - | - |

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 | 622,295 | 18,808 | 3.02 | 1,780,997 | 48,591 | 2.73 | 591,983 | 18,365 | 3.1 | 2,577,655 | 536,913 | 20.83 |
| Tigray..... | 53,019 | 4,595 | 8.67 | 193,374 | 14,084 | 7.28 | 50,551 | 3,883 | 7.68 | 165,553 | 9,677 | 5.85 |
| Afar | 4,312 | 2,032 | 47.13 | 10,776 | 2,602 | 24.14 | 5,726 | 2,838 | 49.57 | 12,084 | 2,827 | 23.4 |
| Amhara | 259,406 | 11,909 | 4.59 | 508,893 | 26,895 | 5.28 | 251,538 | 12,046 | 4.79 | 784,571 | 25,042 | 3.19 |
| Oromia..... | 252,984 | 12,562 | 4.97 | 840,802 | 36,024 | 4.28 | 236,244 | 12,366 | 5.23 | 867,798 | 34,278 | 3.95 |
| Somali | 12,677 | 1,819 | 14.35 | 42,001 | 5,171 | 12.31 | 8,632 | 1,232 | 14.27 | 573,486 | 534,897 | 93.27 |
| Benshangul-Gumuz | 4,888 | 696 | 14.24 | 28,595 | 1,728 | 6.04 | 3,933 | 734 | 18.66 | 13,322 | 1,734 | 13.01 |
| SNNP | 32,383 | 5,002 | 15.45 | 147,820 | 10,217 | 6.91 | 32,793 | 3,738 | 11.4 | 151,988 | 15,947 | 10.49 |
| Gambella..... | 8 | 6 | 80.23 | 353 | 299 | 84.62 | - | - | - | 8 | 6 | 80.23 |
| Harari | 415 | 126 | 30.34 | 4,665 | 818 | 17.53 | 459 | 153 | 33.32 | 2,790 | 494 | 17.71 |
| Dire Dawa..... | 2,203 | 255 | 11.59 | 3,719 | 312 | 8.4 | 2,107 | 257 | 12.2 | 6,054 | 463 | 7.65 |

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

| Geographic Area | MALE | | | | | | FEMALE | | | | | |
|------------------------|---------|-------|-------|----------------|--------|-------|---------|-------|-------|----------------|--------|-------|
| | <3YEARS | | | 3YEARS & OLDER | | | <3YEARS | | | 3YEARS & OLDER | | |
| | Number | SE | CV | Number | SE | CV | Number | SE | CV | Number | SE | CV |
| Ethiopia | 23,023 | 3,119 | 13.55 | 163,023 | 10,854 | 6.66 | 27,842 | 4,065 | 14.6 | 162,794 | 10,040 | 6.17 |
| Tigray..... | 94 | 92 | 98.47 | 3,226 | 1,835 | 56.89 | 325 | 321 | 99 | 3,021 | 1,106 | 36.62 |
| Afar | - | - | - | 87 | 77 | 88.19 | - | - | - | 49 | 47 | 96.07 |
| Amhara | 11,147 | 2,404 | 21.57 | 51,643 | 6,520 | 12.63 | 14,544 | 3,351 | 23.04 | 58,574 | 6,717 | 11.47 |
| Oromia..... | 8,948 | 1,851 | 20.69 | 80,709 | 7,938 | 9.84 | 10,473 | 2,159 | 20.62 | 80,234 | 7,006 | 8.73 |
| Somali | - | - | - | 105 | 86 | 81.83 | - | - | - | 272 | 252 | 92.68 |
| Benshangul-Gumuz | - | - | - | 411 | 125 | 30.32 | - | - | - | 271 | 73 | 27.03 |
| SNNP..... | 2,834 | 713 | 25.18 | 26,771 | 2,979 | 11.13 | 2,501 | 728 | 29.12 | 20,350 | 2,302 | 11.31 |
| Gambella..... | - | - | - | 71 | 62 | 86.99 | - | - | - | 24 | 23 | 95.77 |
| 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 | 135,713 | 24,515 | 18.06 | 231,843 | 29,106 | 12.55 | 169,963 | 37,954 | 22.33 | 471,521 | 94,289 | 20 |
| Tigray..... | 3,957 | 1,954 | 49.39 | 29,346 | 5,821 | 19.83 | 197 | 197 | 100.07 | 947 | 548 | 57.86 |
| Afar | 16,405 | 7,356 | 44.84 | 28,131 | 9,722 | 34.56 | 45,473 | 28,827 | 63.39 | 52,349 | 10,875 | 20.77 |
| Amhara | 12,023 | 5,933 | 49.34 | 34,515 | 10,373 | 30.05 | 123 | 111 | 90.33 | 365 | 185 | 50.69 |
| Oromia..... | 63,137 | 21,335 | 33.79 | 62,254 | 20,069 | 32.24 | 77,636 | 23,121 | 29.78 | 244,660 | 87,065 | 35.59 |
| Somali | 38,994 | 7,251 | 18.59 | 76,015 | 14,431 | 18.98 | 45,013 | 8,641 | 19.2 | 170,541 | 34,513 | 20.24 |
| Benshangul-Gumuz | 104 | 104 | 100.24 | 17 | 17 | 100.24 | - | - | - | - | - | - |
| SNNP..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Gambella..... | 333 | 199 | 59.77 | 48 | 33 | 68.26 | 543 | 351 | 64.53 | 852 | 553 | 64.91 |
| Harari | 760 | 199 | 26.18 | 1,516 | 339 | 22.38 | 977 | 233 | 23.86 | 1,807 | 337 | 18.65 |
| Dire Dawa..... | 135,713 | 24,515 | 18.06 | 231,843 | 29,106 | 12.55 | 169,963 | 37,954 | 22.33 | 471,521 | 94,289 | 20 |

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 | 39,563,902 | 557,450 | 1.41 | 4,466,235 | 72,622 | 1.63 | 2,114,380 | 66,451 | 3.14 | 3,768,034 | 93,129 | 2.47 | 1,541,243 | 60,128 | 3.9 | 14,739,754 | 308,088 | 2.09 | 12,934,256 | 159,016 | 1.23 |
| Tigray | 4,262,337 | 165,027 | 3.87 | 382,799 | 17,057 | 4.46 | 337,698 | 28,335 | 8.39 | 522,919 | 37,414 | 7.15 | 236,041 | 24,533 | 10.4 | 1,610,678 | 85,881 | 5.33 | 1,172,201 | 33,375 | 2.85 |
| Afar | 53,856 | 10,045 | 18.65 | 6,294 | 1,643 | 26.11 | 4,163 | 1,214 | 29.16 | 6,070 | 1,336 | 22.01 | 6,544 | 1,811 | 27.7 | 13,928 | 3,404 | 24.44 | 16,858 | 3,328 | 19.74 |
| Amhara | 12,364,824 | 339,037 | 2.74 | 1,387,417 | 43,656 | 3.15 | 592,228 | 39,147 | 6.61 | 1,139,372 | 55,322 | 4.86 | 397,780 | 31,164 | 7.83 | 4,794,287 | 206,130 | 4.3 | 4,053,741 | 95,394 | 2.35 |
| Oromia..... | 14,329,775 | 340,578 | 2.38 | 1,753,623 | 47,613 | 2.72 | 726,816 | 38,430 | 5.29 | 1,295,052 | 54,884 | 4.24 | 623,216 | 39,389 | 6.32 | 5,066,983 | 176,615 | 3.49 | 4,864,086 | 104,465 | 2.15 |
| Somali | 113,082 | 30,180 | 26.69 | 18,134 | 4,841 | 26.7 | 10,046 | 3,150 | 31.35 | 8,898 | 2,603 | 29.26 | 8,728 | 2,897 | 33.2 | 21,852 | 5,688 | 26.03 | 45,424 | 15,214 | 33.49 |
| Benshangul-Gumuz..... | 708,027 | 24,142 | 3.41 | 69,125 | 3,578 | 5.18 | 49,068 | 3,518 | 7.17 | 71,534 | 3,851 | 5.38 | 18,253 | 1,836 | 10.1 | 339,583 | 13,014 | 3.83 | 160,465 | 5,593 | 3.49 |
| SNNP..... | 7,465,585 | 225,314 | 3.02 | 817,181 | 27,706 | 3.39 | 371,034 | 23,992 | 6.47 | 693,096 | 34,203 | 4.93 | 241,056 | 21,744 | 9.02 | 2,805,752 | 116,627 | 4.16 | 2,537,466 | 62,219 | 2.45 |
| Gambella | 173,844 | 13,531 | 7.78 | 19,732 | 1,619 | 8.21 | 17,737 | 1,904 | 10.73 | 22,758 | 2,526 | 11.1 | 6,364 | 1,615 | 25.4 | 65,506 | 6,430 | 9.82 | 41,747 | 2,807 | 6.72 |
| Harari..... | 36,288 | 4,157 | 11.45 | 5,498 | 679 | 12.35 | 2,249 | 485 | 21.57 | 3,628 | 735 | 20.27 | 1,581 | 468 | 29.6 | 10,561 | 1,567 | 14.84 | 12,770 | 1,243 | 9.73 |
| Dire Dawa | 56,283 | 4,008 | 7.12 | 6,433 | 697 | 10.84 | 3,343 | 532 | 15.91 | 4,706 | 609 | 12.93 | 1,679 | 362 | 21.6 | 10,624 | 1,195 | 11.25 | 29,499 | 2,144 | 7.27 |

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 | 4,688,278 | 251,183 | 5.36 | 4,580,303 | 250,809 | 5.48 | 29,421 | 5,673 | 19.28 | 78,554 | 9,445 | 12.02 |
| Tigray..... | 242,868 | 21,607 | 8.9 | 207,110 | 19,395 | 9.36 | 1,934 | 1,015 | 52.47 | 33,824 | 6,697 | 19.8 |
| Afar | 46 | 42 | 90.02 | 46 | 42 | 90.02 | - | - | - | - | - | - |
| Amhara | 975,749 | 60,945 | 6.25 | 937,660 | 60,067 | 6.41 | 13,889 | 4,174 | 30.06 | 24,201 | 4,195 | 17.33 |
| Oromia..... | 2,447,294 | 233,290 | 9.53 | 2,426,436 | 233,353 | 9.62 | 8,621 | 3,372 | 39.11 | 12,237 | 4,261 | 34.82 |
| Somali | 224 | 157 | 69.87 | 224 | 157 | 69.87 | - | - | - | - | - | - |
| Benshangul-Gumuz | 186,068 | 10,694 | 5.75 | 185,449 | 10,718 | 5.78 | 71 | 69 | 97.22 | 548 | 516 | 94.13 |
| SNNP..... | 798,901 | 64,711 | 8.1 | 786,378 | 64,554 | 8.21 | 4,779 | 1,531 | 32.03 | 7,744 | 2,890 | 37.32 |
| Gambella..... | 35,122 | 13,616 | 38.77 | 35,091 | 13,617 | 38.81 | 30 | 28 | 93.11 | - | - | - |
| Harari | 1,056 | 279 | 26.41 | 1,056 | 279 | 26.41 | - | - | - | - | - | - |
| Dire Dawa..... | 950 | 212 | 22.37 | 853 | 190 | 22.23 | 97 | 48 | 49.51 | - | - | - |

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 2007/08 (2000 E.C.), Livestock Sample Survey

| Region | Stratum | Enumeration Areas | | Households | |
|---------------------|-----------------------|-------------------|------------|--------------|--------------|
| | Zone/Sp.Wereda | Planned | Covered | Planned | Covered |
| Tigray | North Western Tigray | 31 | 31 | 930 | 924 |
| | Central Tigray | 39 | 39 | 1170 | 1165 |
| | Eastern Tigray | 29 | 29 | 770 | |
| | Southern Tigray | 38 | 38 | 1140 | 1140 |
| | Western Tigray | 25 | 24 | 750 | 720 |
| | Region Total | | 162 | 161 | 4860 |
| Afar | Zone One | 24 | 24 | 720 | 708 |
| | Zone Three | 24 | 15 | 720 | 445 |
| | Region Total | 48 | 39 | 1440 | 1153 |
| Amhara | North Gonder | 44 | 43 | 1320 | 1289 |
| | South Gonder | 44 | 44 | 1320 | 1316 |
| | North Wello | 45 | 43 | 1350 | 1285 |
| | South Wello | 46 | 45 | 1380 | 1348 |
| | North Shewa | 40 | 40 | 1200 | 1199 |
| | East Gojam | 47 | 47 | 1410 | 1404 |
| | West Gojam | 46 | 46 | 1380 | 1378 |
| | Wag Hemira | 28 | 24 | 840 | 720 |
| | Awi | 32 | 32 | 960 | 960 |
| | Oromia | 28 | 27 | 840 | 807 |
| | Argoba Special Woreda | 20 | 20 | 600 | 599 |
| | Region Total | 420 | 411 | 12600 | 12305 |
| | Oromia | West Wellega | 36 | 36 | 1080 |
| East Wellega | | 36 | 35 | 1080 | 1047 |
| Illubabor | | 36 | 36 | 1080 | 1079 |
| Jimma | | 46 | 46 | 1380 | 1380 |
| West Shewa | | 42 | 42 | 1260 | 1258 |
| North Shewa | | 34 | 34 | 1020 | 1019 |
| East Shewa | | 40 | 38 | 1200 | 1137 |
| Arsi | | 44 | 42 | 1320 | 1287 |
| West Harerghe | | 40 | 40 | 1200 | 1197 |
| East Harerghe | | 42 | 39 | 1260 | 1168 |
| Bale | | 40 | 40 | 1200 | 1197 |
| Borena | | 36 | 36 | 1080 | 1071 |
| South West Shewa | | 38 | 38 | 1140 | 1137 |
| Guji | | 36 | 36 | 1080 | 1073 |
| Kelem Wellega | | 36 | 36 | 1080 | 1078 |
| Horoguduru Wellega | | 36 | 36 | 1080 | 1077 |
| West Arsi | | 39 | 38 | 1170 | 1140 |
| Region Total | | 657 | 648 | 19710 | 19424 |

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

| Region | Stratum | Enumeration Areas | | Households | |
|-------------------|------------------------|-------------------|-------------|--------------|--------------|
| | Zone/Sp.wereda | Planned | Covered | Planned | Covered |
| Somali | Shinile | 20 | 17 | 600 | 493 |
| | Jijiga | 28 | 28 | 840 | 832 |
| | Liben | 24 | 24 | 720 | 697 |
| | Region Total | 72 | 69 | 2160 | 2022 |
| Benishangul-Gumuz | Metekel | 24 | 23 | 720 | 689 |
| | Asosa | 24 | 24 | 720 | 719 |
| | Kemashi | 20 | 18 | 600 | 538 |
| | Maokomo | 20 | 20 | 600 | 599 |
| | Pawe Special | 20 | 20 | 600 | 600 |
| | Region Total | 108 | 105 | 3240 | 3145 |
| SNNP | Guraghe | 38 | 38 | 1140 | 1138 |
| | Hadiya | 34 | 33 | 1020 | 1016 |
| | Kembata_Tambaro | 33 | 33 | 990 | 987 |
| | Sidama | 42 | 42 | 1260 | 1277 |
| | Gedeo | 34 | 32 | 1020 | 957 |
| | Wolayita | 39 | 39 | 1170 | 1169 |
| | South Omo | 33 | 32 | 990 | 926 |
| | Shaka | 24 | 24 | 720 | 717 |
| | Keffa | 36 | 36 | 1080 | 1042 |
| | Gamo_Gofa | 38 | 38 | 1140 | 1131 |
| | Benchi_Maji | 32 | 31 | 960 | 957 |
| | Yem Special Wereda | 20 | 20 | 600 | 599 |
| | Amaro Special Wereda | 20 | 20 | 600 | 600 |
| | Burji Special Wereda | 20 | 19 | 600 | 570 |
| | Konso Special Wereda | 20 | 20 | 600 | 599 |
| | Derashe Special Wereda | 20 | 18 | 600 | 538 |
| | Dawro | 32 | 32 | 960 | 958 |
| | Basketo Special Wereda | 20 | 20 | 600 | 597 |
| | Konta Special Wereda | 20 | 20 | 600 | 599 |
| | Siltie | 30 | 30 | 900 | 899 |
| | Alaba Special Wereda | 20 | 17 | 600 | 599 |
| | Region Total | 605 | 594 | 18150 | 17875 |
| Gambella | Agnuak | 20 | 12 | 600 | 357 |
| | Nuer | 20 | 11 | 600 | 326 |
| | Mejenger | 20 | 19 | 600 | 568 |
| | Etang Special Woreda | 20 | 19 | 600 | 556 |
| | Region Total | 80 | 61 | 2400 | 1807 |
| Harari | Harari | 24 | 24 | 720 | 718 |
| Dire Dawa | Dire Dawa | 24 | 24 | 720 | 716 |
| Country Total | | 2200 | 2136 | 66000 | 61025 |

APPENDIX II

Estimation Procedures of Totals, Ratios, and Sampling Errors

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

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

1. For Estimating Total livestock and products:

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

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

Where:

h represents the stratum

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

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

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

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

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

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

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

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

2. For Estimating Ratios in stratum h :

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

for characteristic z and x , respectively.

3. Sampling Variance of Estimates:

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

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

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

Where,

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

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

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

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

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

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

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

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

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

4. Coefficient of Variation (CV) of Estimates:

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

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

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

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

Where $SE(\hat{Y}_h) = \sqrt{\text{Var}(\hat{Y}_h)}$ 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 - 2007/08 (2000 E.C.)**

Part I - Identification Particulars

| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household Number | Holder Number | Holder | | | | Type of Holding Crop=1 Livestock=2 Both=3 | |
|--------|------|--------|----------------------|------------------|------------------|---------------|--------|-----|-------------------|--|--|-------------|
| | | | | | | | Name | Age | 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 11, 2007?

Yes Complete questions below No – End of the question

Number of Cattle by Age and Purpose on Feb 10, 2007

| | None | Total | Male | Female |
|---|------|-------|------|--------|
| 1. Cattle of all ages _____ | | 1 | 2 | 3 |
| a. Cattle less than 6 months _____ | | 4 | 5 | 6 |
| b. Cattle 6 months and less than 1 year _____ | | 7 | 8 | 9 |
| c. Cattle 1 year and less than 3 years _____ | | 10 | 11 | 12 |
| d. Cattle 3 years and less than 10 years _____ | | 13 | 14 | 15 |
| 1. Beef Cattle _____ | | 16 | 17 | 18 |
| 2. Cattle for breeding _____ | | 19 | 20 | 21 |
| 3. Dairy cows _____ | | 22 | | 23 |
| 4. Cows that gave milk for the last 12 months _____ | | 24 | | 25 |
| 5. Draft cattle _____ | | 26 | 27 | 28 |
| 6. Cattle for other purposes _____ | | 29 | 30 | 31 |
| e. Cattle 10 years and older _____ | | 32 | 33 | 34 |
| f. Grand Total _____ | | 35 | 36 | 37 |
| 1. Local breed _____ | | 38 | 39 | 40 |
| 2. Exotic _____ | | 41 | 42 | 43 |
| 3. Hybrid _____ | | 44 | 45 | 46 |

Form ASS – 2000/7 Cont'd

Number of Sheep by Age and Purpose on Nov 11, 2007

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

Number of Goats by Age and Purpose on Nov 11, 2007

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

Form ASS –2000/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 11, 2007

Horses

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

| None | Total | Male | Female |
|------|-------|------|--------|
| | 124 | 125 | 126 |
| | 127 | 128 | 129 |
| | 130 | 131 | 132 |
| | 133 | 134 | 135 |
| | 136 | 137 | 138 |
| | 139 | 140 | 141 |

Mules

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

| None | Total | Male | Female |
|------|-------|------|--------|
| | 142 | 143 | 144 |
| | 145 | 146 | 147 |
| | 148 | 149 | 150 |
| | 151 | 152 | 153 |
| | 154 | 155 | 156 |
| | 157 | 158 | 159 |

Donkeys

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

| None | Total | Male | Female |
|------|-------|------|--------|
| | 160 | 161 | 162 |
| | 163 | 164 | 165 |
| | 166 | 167 | 168 |
| | 169 | 170 | 171 |
| | 172 | 173 | 174 |
| | 175 | 176 | 177 |

Camels

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

| None | Total | Male | Female |
|------|-------|------|--------|
| | 178 | 179 | 180 |
| | 181 | 182 | 183 |
| | 184 | 185 | 186 |
| | 187 | 188 | 189 |
| | 190 | 191 | 192 |
| | 193 | 209 | 194 |
| | 195 | 196 | 197 |
| | 198 | 199 | 200 |

Form ASS – 2000/7 Cont'd

Poultry

8. Poultry total on Nov 10, 2006

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

| None | Total |
|------|-------|
| | 201 |
| | 205 |
| | 209 |
| | 213 |
| | 217 |
| | 221 |
| | 225 |

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

QST II- Did You Have Livestock During The Reference Period (Nov 11, 2006 to Nov 11, 2007)?

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 | |

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Milk, Egg, and Honey Production during the reference period

| | | |
|--|----------------------|-----|
| 11. Dairy cows and Camels | None | |
| a. Cows that gave milk during the reference Period _____ | <input type="text"/> | 239 |
| b. Average number of months cows actually milked _____ | <input type="text"/> | 240 |
| c. Average lactation period of cows in months _____ | <input type="text"/> | 241 |
| d. Milk production per day per cow in liters _____ | <input type="text"/> | 242 |
| e. Camels that gave milk during the reference period _____ | <input type="text"/> | 243 |
| f. Average number of months camels actually milked _____ | <input type="text"/> | 244 |
| g. Average lactation period of camels in months _____ | <input type="text"/> | 245 |
| h. Milk production per day per camel _____ | <input type="text"/> | 246 |

| | | | | |
|--|----------------------|------------|--------|--------|
| | None | Indigenous | Hybrid | Exotic |
| 12. Egg production per hen per clutch _____ | <input type="text"/> | 247 | 248 | 249 |
| 13. Average number of days per clutch _____ | <input type="text"/> | 250 | 251 | 252 |
| 14. Total Number of clutch during the reference period _____ | <input type="text"/> | 253 | 254 | 255 |

15. Livestock Diseases and Treatments during the Reference Period

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

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 |
| | | | | | | |
| 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