

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

**AGRICULTURAL SAMPLE SURVEY
2019/20 [2012 E.C.]**

VOLUME II

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



**ADDIS ABABA
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Abbreviations

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

CHAPTER I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

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

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 2019/2020 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2019 or Hidar 1, 2012 E.C.) and reference period (November 11, 2019 to November 10, 2012 or Hidar 2, 2012 E.C. to Hidar 1, 2012 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 and pastoral 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 most variables.

1.2 OBJECTIVES OF THE SURVEY

The general objective of the livestock survey is to produce data that could be used for development planning and policy formulation regarding the sector, and the specific objectives are to provide quantitative information on the size and characteristics of livestock in rural sedentary and pastoral 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 areas.

CHAPTER II

SURVEY METHODOLOGY AND OPERATIONS

2.1 COVERAGE

The 2019/2020 (2012 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country

To be covered by the survey, a total of 2,852 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 115 EA's the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,737 EA's(95.96%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 57,040, agricultural households, however, 95.33% 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 2018/19 (2011 E.C). Population and Housing Census Frame was used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Second stage sampling units households, on the other hand, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey. For the first time Somali region has been covered as a base line information which estimations reported.

2.3 SAMPLE DESIGN

A two stage stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were enumeration areas and second stage sampling units were agricultural households. Each zones/special wereda of the four regions (Tigray, Amahara, Oromiya and SNNP) was further stratified in to three agro-ecologies (Kolla, Dega and Weyina Dega). On the otherhand 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	6	6
Afar	5	5
Amhara	12	12
Oromiya	20	20
Somalie	11	11
Benishangul Gumuz	4	4
S.N.N.P.R	18	18
Gambela	4	4
Hareri	1	1
Dire Dawa	1	1
Total	82	81

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 2017/18 (2009/11 E.C) Population and Housing Census. Within each sample EA 20 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, 2011 to Nov 10, 2012.

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, 2011 to Nov 10, 2012.

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 conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the Desks that liaises between the Head Office and the 24 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing. The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2,955 enumerators, 938 field supervisors and 227 statisticians were involved in the data collection where on the average one supervisor was assigned to five enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey.

2.7 TRAINING OF FIELD STAFF

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data are ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors. In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at Adama, the Oromia Regional State's capital, and lasted for 12 days targeted staff from the Head Office, statisticians and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and supervisors for 20 days in all the twenty-one Branch Statistical Offices distributed across the country. In the training the field staff was given detailed classroom instruction on how to collect data, method of area measurement, interviewing procedures, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS reading and interviewing methods and detail concepts of livestocks.

2.8 METHOD OF DATA COLLECTION

The agricultural data for the year 2019/20 (2012 E.C.) was collected from sedentary and pastoral rural peasant households by interviewing the selected agricultural holders and physically livestocks items of interest. The data obtained were recorded in various forms designed for this purpose. Instruments like GPS enabled Tablets and others were used during data collection for a timely and smooth acquisition of accurate data. The reference date for enumerating livestock, poultry, & beehives was November 10, 2019 (Hidar 1/2012 E.C.).

2.9 DATA PROCESSING

The data collection process were using GPS enabled Tablet, the data editing and consistency checks were performed on spot during data collection by CSpro program loaded on the Tablet. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPro software.

After submmiting via WAN,the raw data were checked assuring for inconsistency by statisticians using CSpro (Census and Survey Processing system) software 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 2019/2020 livestock survey has covered the rural sedentary and pastoral areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 20119), 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 and pastoral 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 about 65.35 million. Out of this total cattle population, the female cattle constitute about 55.90 percent and the remaining 44.10 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 60.78 percent) is in the 3 years and less than 10 years age category, with about 26.31 percent male and about 34.47 percent female. Moreover, about 17.57 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 3.68 percent of the total estimated number of cattle population (also see Fig III.1).

On the other hand, the results obtained indicated that 97.76 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 1.91 percent and 0.32 percent, respectively. Moreover,

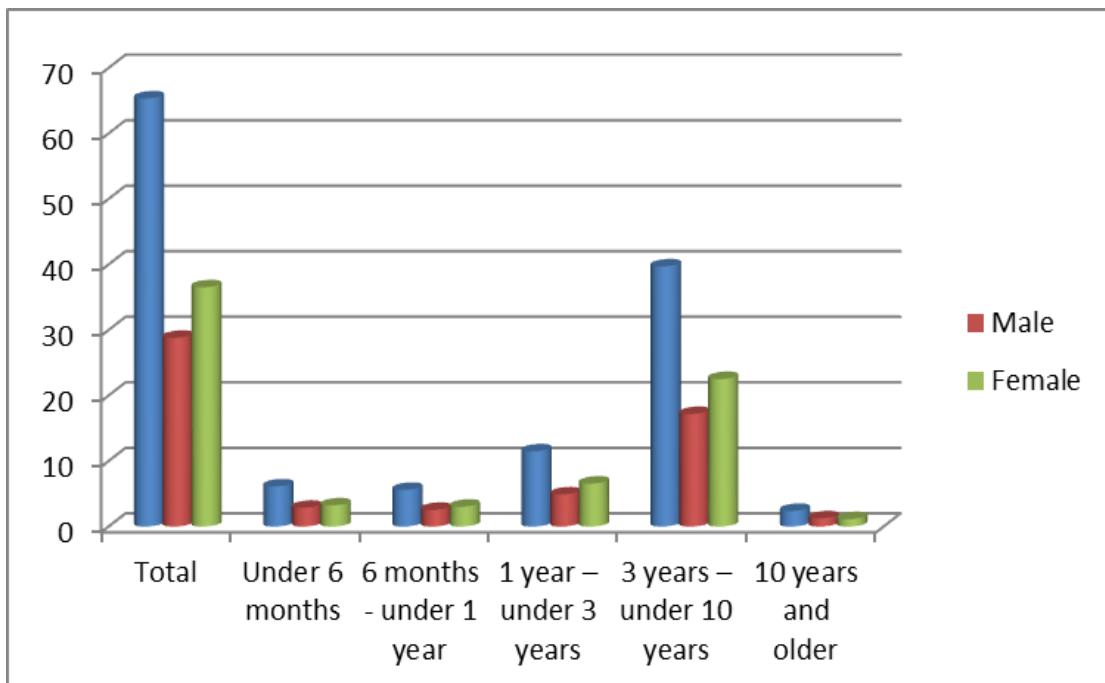
distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 22.91percent and the percentage share of beef cattle is the lowest that is about 1.13 percent. Beef cattle here refer to all cattle reared exclusively 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 - 2019/2020

	Total		Male		Female	
	Number	%	Number	%	Number	%
*Total	65,354,090	100.00	28,819,941.00	44.10	36,534,149	55.90
Under 6 months	6,130,157	9.38	2,884,118.00	4.41	3,246,038.	4.97
6 months - under 1 year	5,608,491.	8.58	2,565,321.00	3.93	3,043,170.	4.66
1 year – under 3 years.....	11,485,061.	17.57	4,917,116.00	7.52	6,567,945.00	10.05
3 years – under 10 years	39,723,663.	60.78	17,193,663.00	26.31	22,530,000.00	34.47
10 years and older.....	2,406,719	3.68	1,259,722.00	1.93	1,146,997.00	1.76
*Cattle by Breed						
Total	65,354,090.00	100.00	28,819,941.00	44.10	36,534,149.00	55.90
Indigenous	63,892,460.00	97.76	28,273,489.00	43.26	35,618,971.00	54.50
Hybrid.....	1,249,245.00	1.91	473,422.00	0.72	775,823.00	1.19
Exotic	212,385.00	0.32	73,030.00	0.11	139,355.00	0.21
Aged 3 – 10 Years by Purpose						
*Total	39,723,663.00	60.78	17,193,663.00	26.31	22,530,000.00	34.47
Used for Milk	7,150,187.00	10.94			7,150,187.00	10.94
Used for Draught	14,972,905.00	22.91	14,692,345.00	22.48	280,560.00	0.43
Used for Beef.....	740,193.00	1.13	632,647.00	0.97	107,546.00	0.16
Used for Breeding.....	15,720,263.00	24.05	1,406,337.00	2.15	14,313,927.00	21.90
Used for Other.....	1,140,115.00	1.74	462,335.00	0.71	677,780.00	1.04
*Dairy Animals						
Dairy Cows.....	7,150,187.00	10.94			7,150,187.00	10.94
Milking Cows.....	12,575,143.00	19.24			12,575,143.00	19.24

*It includes Pastoral area

FIGURE III.1 DISTRIBUTION OF CATTLE (in Millions) BY AGE AND SEX



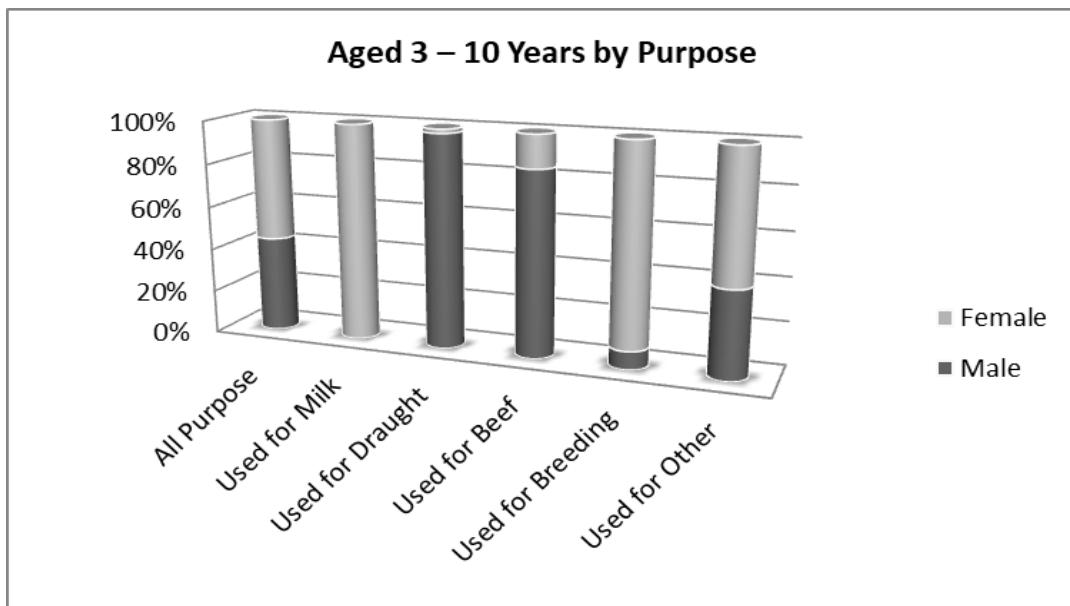
Dairy-cows¹ are estimated to be around 7.15 million and milking-cows² are about 12.57 million heads during the reference period.

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, 2018 to Nov. 10, 2019).

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 39.89 million³ sheep are estimated to be found in the country, out of which about 70.28 percent are females, and about 29.72 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 50.50 million. Out of these total goats, 70.19 percent are females and about 29.8 percent are males (see Summary Table III. 2 and Figure III. 3).

³ It includes sendentary and Pastoral area

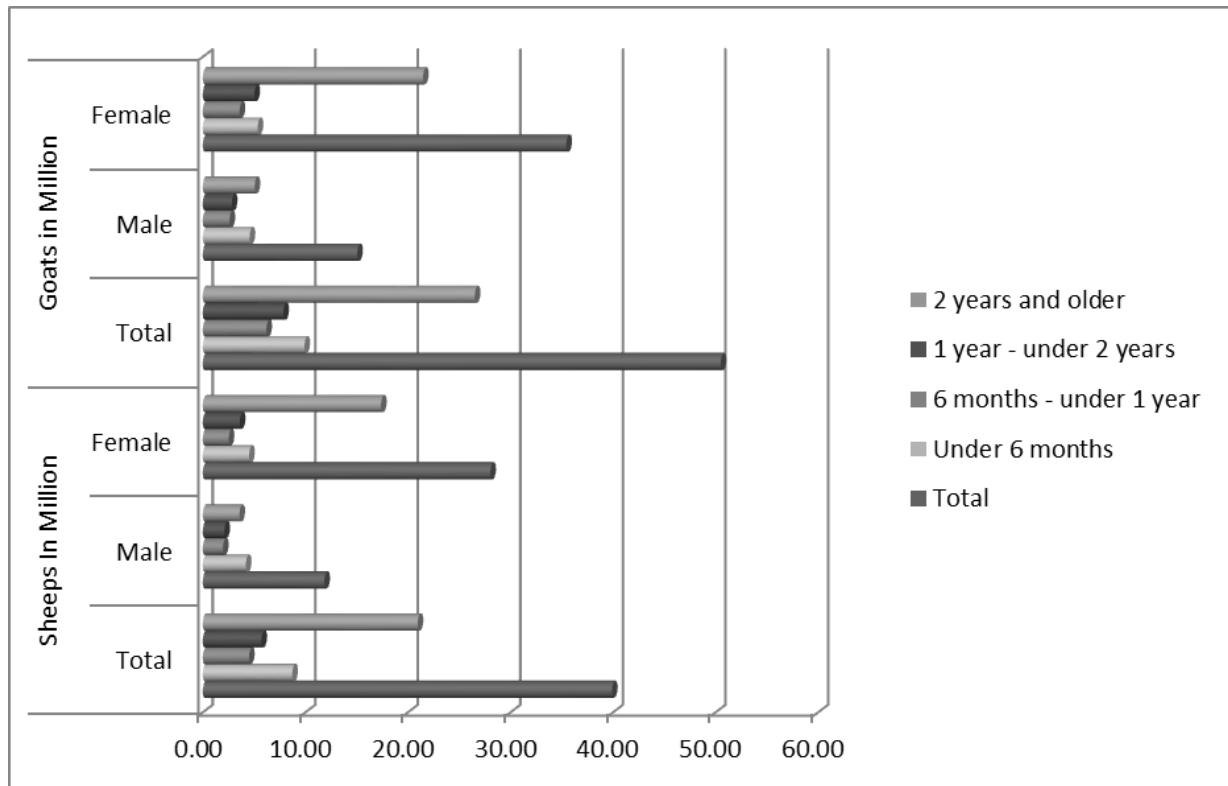
SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed, and Purpose, Ethiopia - 2019/2020

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
**Total Sheep	39,894,394	100.00	11,854,933	29.72	28,039,461	70.28
Under 6 months.....	8,721,949	21.86	4,201,209	10.53	4,520,740	11.33
6 months - under 1 year	4,503,783	11.29	1,971,773	4.94	2,532,010	6.35
1 year - under 2 years.....	5,716,597	14.33	2,107,147	5.28	3,609,450	9.05
2 years and older.....	20,952,065	52.52	3,574,803	8.96	17,377,262	43.56
Sheep by Breed						
Total.....	39,894,394.	100.00	11,854,933	29.72	28,039,461	70.28
Indigenous.....	39,720,832	99.56	11,775,530	29.52	27,945,302	70.05
Hybrid.....	109,942	0.28	46,410	0.12	63,531	0.16
Exotic.....	*	*	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total.....	20,952,065	52.52	3,574,803	8.96	17,377,262.	43.56
Used for Mutton.....	1,439,027	3.61	1,317,058	3.30	121,969	0.31
Used for Wool.....	12,150	0.03	*	*	8,352	0.02
Used for Breeding.....	19,148,461	48.00	2,109,143	5.29	17,039,317	42.71
Used for Other	352,427	0.88	144,804	0.36	207,624	0.52
**Total Goats.....	50,501,672.00	100.00	15,055,305.00	29.81	35,446,367.00	70.19
Under 6 months...	9,911,532.00	19.63	4,562,902.00	9.04	5,348,630.00	10.59
6 months - under 1 year	6,202,239.00	12.28	2,610,134.00	5.17	3,592,104.00	7.11
1 year - under 2 years.....	7,861,867.00	15.57	2,830,070.00	5.60	5,031,796.00	9.96
2 years and older	26,526,035.00	52.53	5,052,199.00	10.00	21,473,836.00	42.52
Goats by Breed						
Total.....	50,501,672.00	100.00	15,055,305.00	29.81	35,446,367.00	70.19
Indigenous.....	50,442,262.00	99.88	15,034,083.00	29.77	35,408,180.00	70.11
Hybrid.....	29,574.00	0.06	*	*	16,350.00	0.03
Exotic.....	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total.....	26,526,035.00	52.53	5,052,199.00	10.00	21,473,836.00	42.52
Used for Milk.....	2,321,624.00	4.60			2,321,624.00	4.60
Used for Meat	1,833,944.00	3.63	1,716,633.00	3.40	117,311.00	0.23
Used for Breeding.....	21,970,617.00	43.50	3,115,838.00	6.17	18,854,779.00	37.33
Used for Other	399,850.00	0.79	219,728.00	0.44	180,122.00	0.36

** It includes sedentary and pastoral area

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (52.52 percent and 52.53 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 21.86 percent and 19.63 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 (99.56 percent and 99.88 percent, respectively).

Summary Table III.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the country. The percentages of both sheep and goats kept for mutton and meat are significantly higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (52.52% of the total sheep), 48 percent are kept for breeding; about 3.61 percent for mutton and 0.03 percent of them were kept for wool production. Likewise, among the goat population aged two years and older (52.53% of the total), goats kept for breeding accounted for about 43.50 percent while goats kept for meat accounted for 3.63 percent. The number of female goats kept for milk at country level is estimated to be about 2.32 million, which is 4.6 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

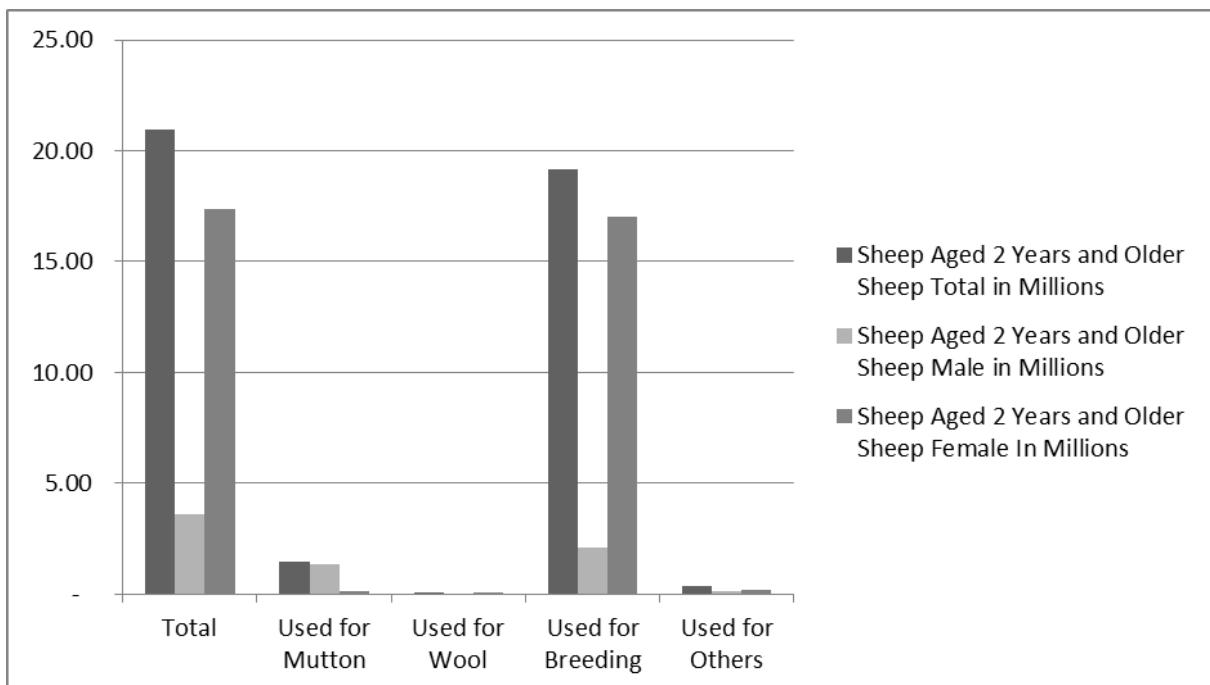
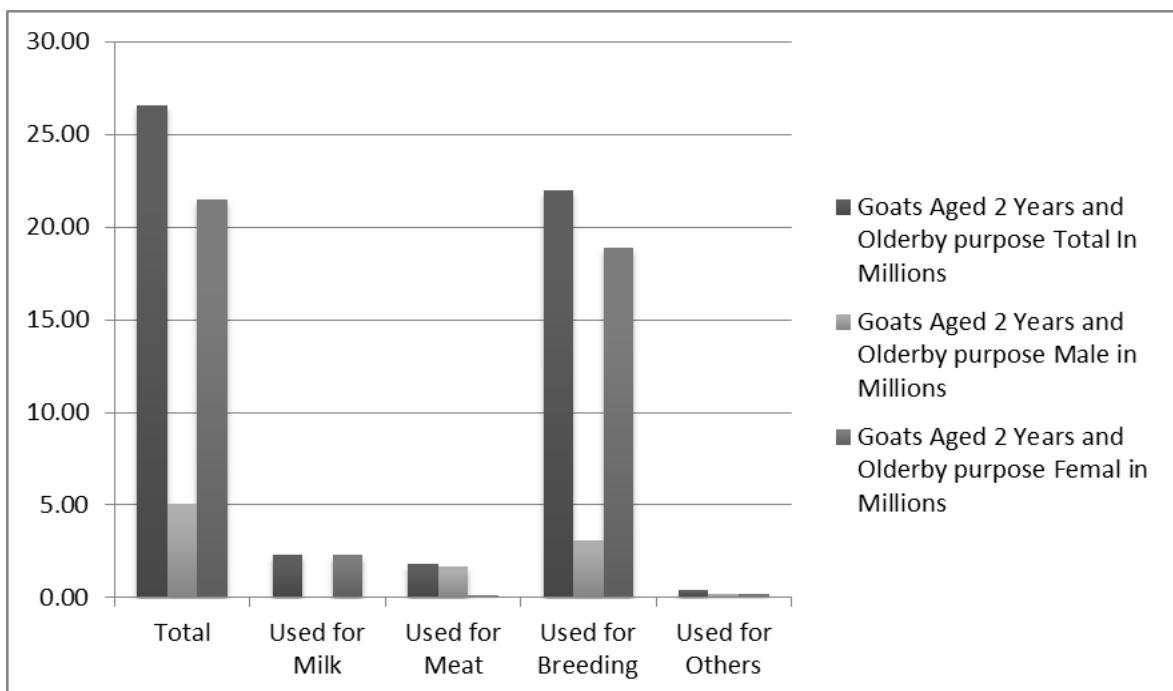


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 2.11 million horses, 8.98 million donkeys, 0.38 million mules, and about 7.70 million camels in the country.

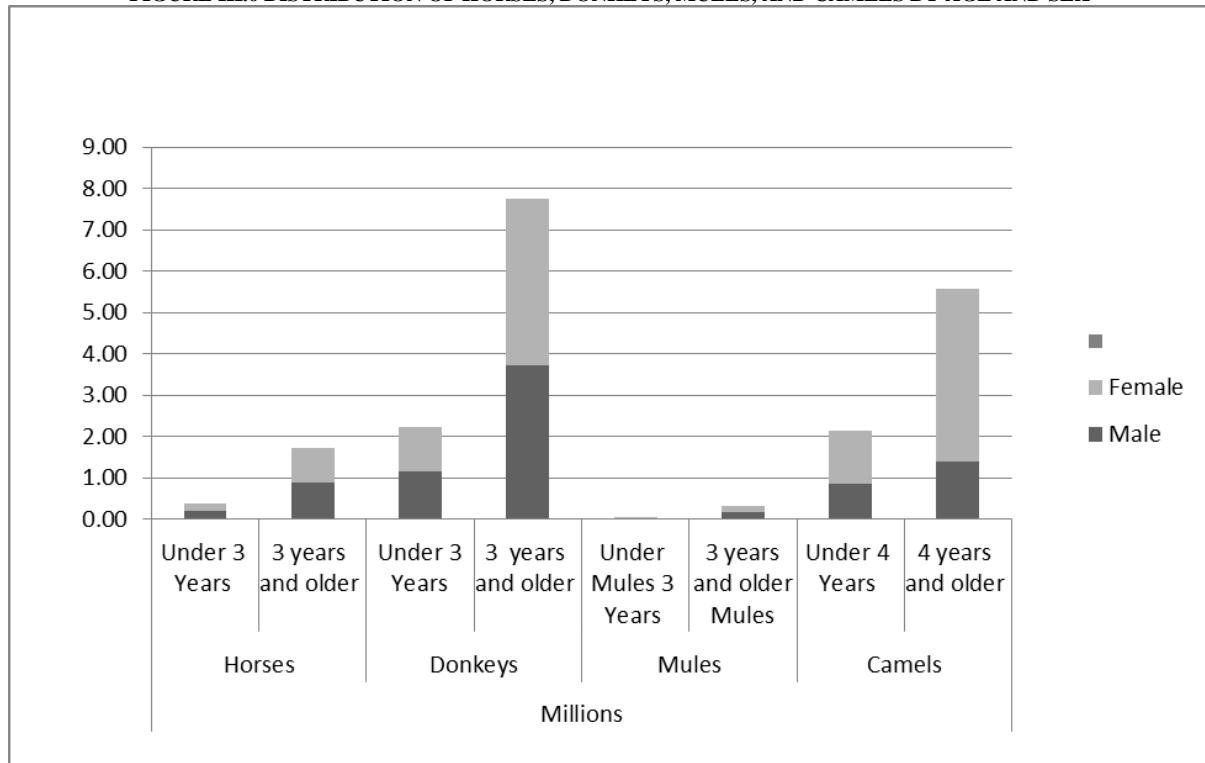
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 51.15 percent are females and the remaining 48.85 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 72.37 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 1.35 million were used for transportation, 0.25 million were for draught and the remaining 0.12 million were used for other purposes. With regard to donkeys, about 6.45 million were used for transportation whereas about 0.98 million and 0.32 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 - 2019/2020

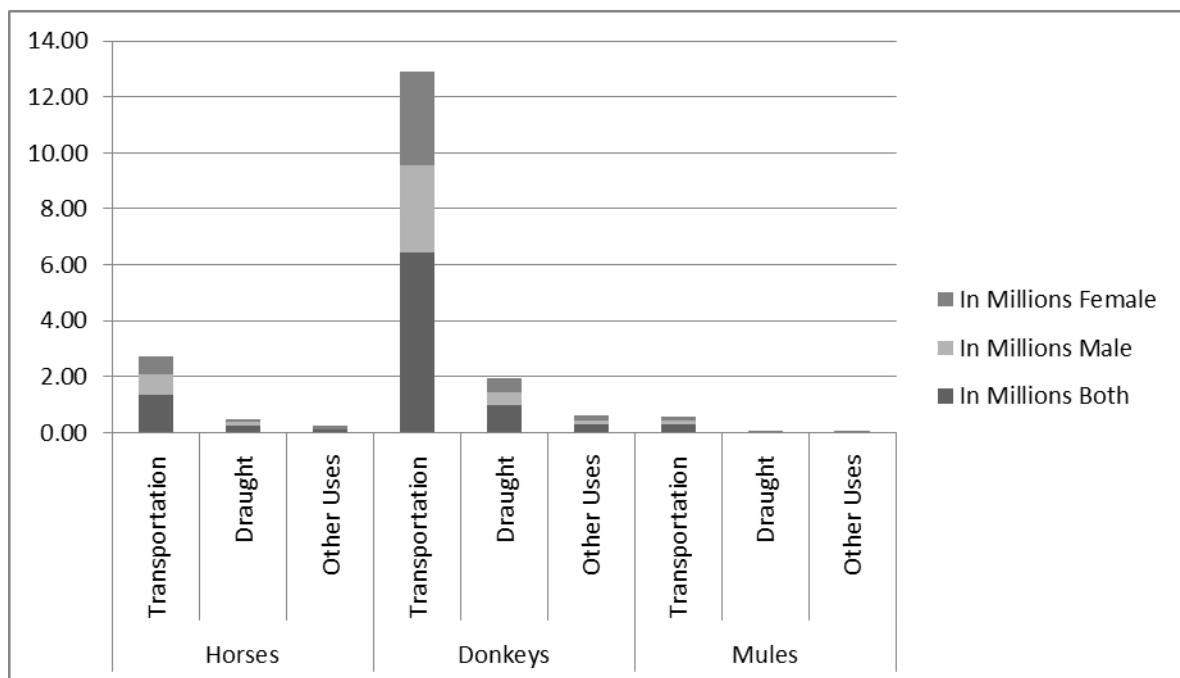
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses	2,111,134.00	100.00	1,084,972.0	51.39	1,026,162.00	48.61
Under 3 Years	395,285.00	18.72	205,172.00	9.72	190,113.00	9.01
3 years and older	1,715,849.00	81.28	879,800.00	41.67	836,049.00	39.60
Horses Aged 3 Years and Older by Purpose						
All Uses.....	1,715,849.00	81.28	879,800.00	41.67	836,049.00	39.60
Transportation.....	1,352,441.00	64.06	741,135.00	35.11	611,306.00	28.96
Draught.....	248,132.00	11.75	121,758.00	5.77	126,374.00	5.99
Other Uses	115,276.00	5.46	16,907.00	0.80	98,369.00	4.66
Total Donkeys	9,987,762.00	100.00	4,878,864.0	48.85	5,108,898.00	51.15
Under 3 Years.....	2,242,300.00	22.45	1,169,640.0	11.71	1,072,661.00	10.74
3 years and older	7,745,462.00	77.55	3,709,224.0	37.14	4,036,238.00	40.41
Donkeys Aged 3 Years and Older by Purpose						
All Uses.....	7,745,462.00	77.55	3,709,224.0	37.14	4,036,238.00	40.41
Transportation.....	6,453,606.00	64.62	3,117,661.0	31.21	3,335,945.00	33.40
Draught.....	976,727.00	9.78	462,257.00	4.63	514,470.00	5.15
Other Uses	315,129.00	3.16	129,306.00	1.29	185,822.00	1.86
Total Mules	357,603.00	100.00	183,382.00	51.28	174,221.00	48.72
Under 3 Years.....	38,112.00	10.66	19,732.00	5.52	18,380.00	5.14
3 years and older	319,491.00	89.34	163,650.00	45.76	155,841.00	43.58
Mules Aged 3 Years and Older by Purpose						
All Uses.....	319,491.00	89.34	163,650.00	45.76	155,841.00	43.58
Transportation.....	288,131.00	80.57	147,750.00	41.32	140,381.00	39.26
Draught.....	22,848.00	6.39	11,256.00	3.15	11,591.00	3.24
Other Uses	8,512.00	2.38	4,644.00	1.30	3,868.00	1.08
Total Camels	7,702,493.00	100.00	2,248,498.0	29.19	5,453,995.00	70.81
Under 4 Years.....	2,128,314.00	27.63	854,377.00	11.09	1,273,938.00	16.54
4 years and older	5,574,178.00	72.37	1,394,121.0	18.10	4,180,057.00	54.27
Camels Aged 4 Years and Older by Purpose						
All Uses.....	5,574,178.00	72.37	1,394,121.0	18.10	4,180,057.00	54.27
Meat.....	632,059.00	8.21	594,003.00	7.71	38,057.00	0.49
Milk	2,067,475.00	26.84			2,067,475.00	26.84
Transportation.....	866,290.00	11.25	563,826.00	7.32	302,464.00	3.93
Draught.....	35,679.00	0.46	15,361.00	0.20	*	*
Other Uses.....	1,972,675.00	25.61	220,932.00	2.87	1,751,743.00	22.74

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



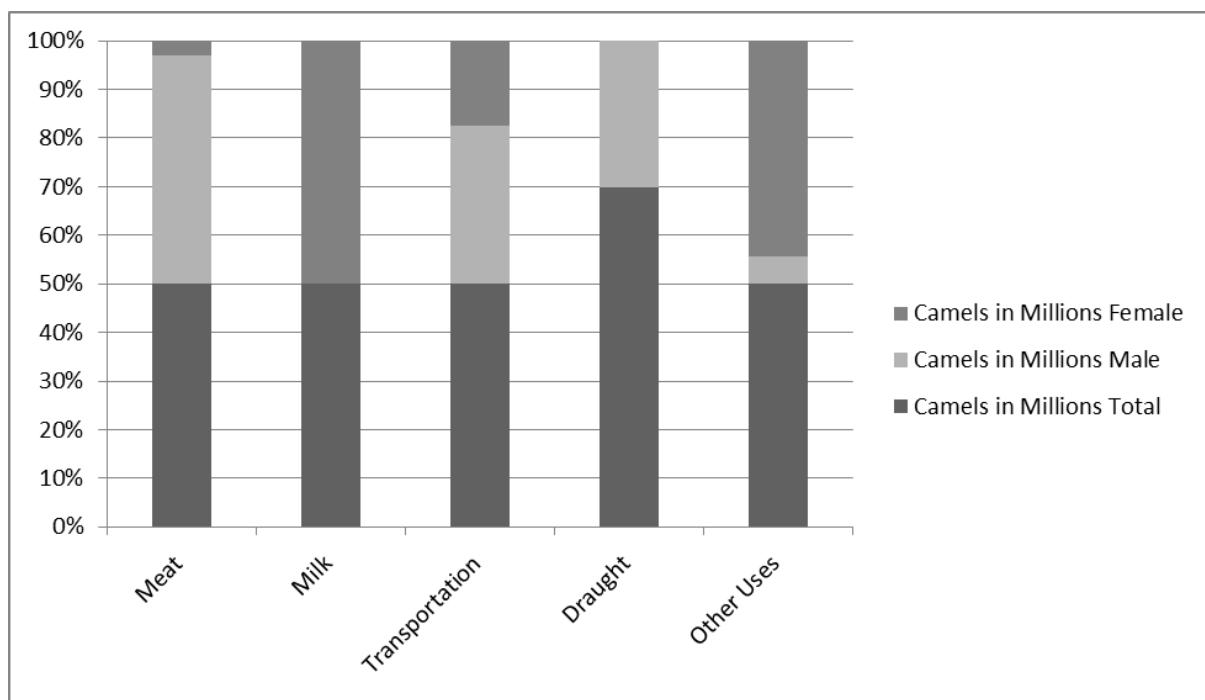
* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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

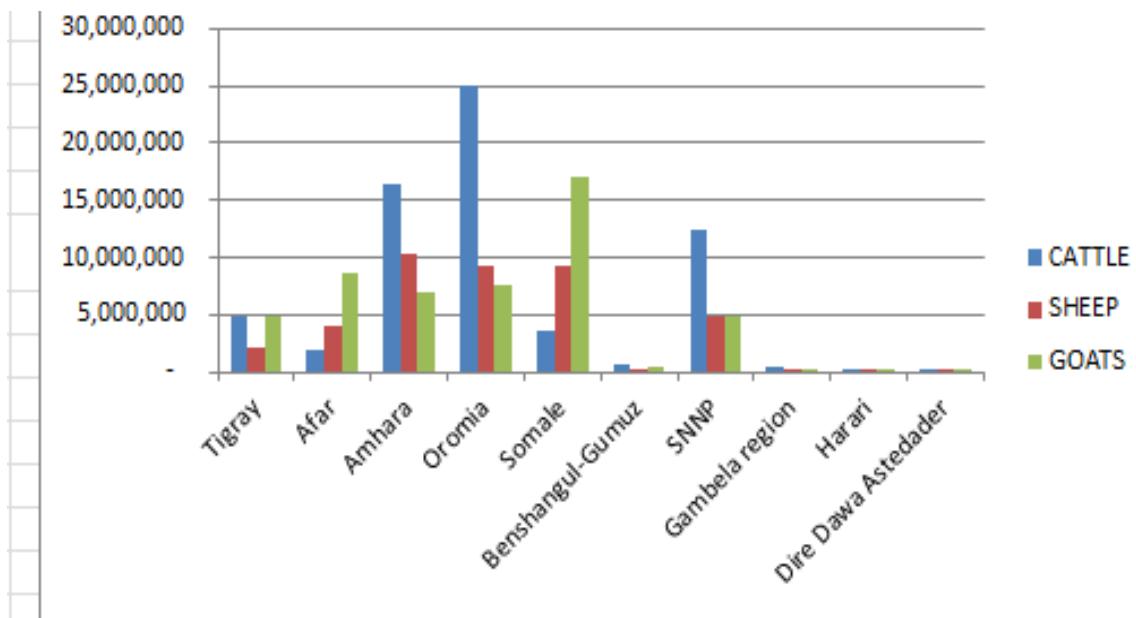


Considering the purpose of the mules, the data shows that the predominance (80.57%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 26.84 percent of the camels reported were kept for milk, 11.25 percent were for transportation, and only 0.46 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 8.21 percent (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.



Region	CATTLE	SHEEP	GOATS
Tigray	4,908,964	2,097,619	4,838,969
Afar	1,952,394	4,040,176	8,531,082
Amhara	16,318,446	10,386,223	6,883,316
Oromia	25,031,068	9,260,493	7,526,644
Somale	3,646,940	9,188,394	17,001,672
Benshangul-Gumuz	626,537	72,284	404,015
SNNP	12,404,963	4,735,604	4,819,573
Gambela region	327,801	43,903	134,206
Harari	69,615	4,236	103,567
Dire Dawa Astedader	67,364	65,462	258,629

3.1.4 Poultry Population

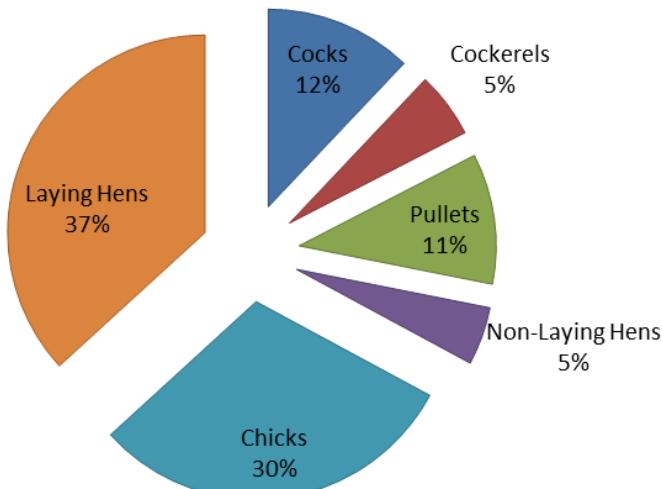
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 48.96 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are laying hens (36.78 percent), followed by chicks (30.36 percent). Pullets are

estimated to be about 5.22 million in the country. Cocks and cockerels are also estimated separately, and are 5.90 million and about 2.63 million, respectively. The others are non-laying hens that make up about 4.75 percent (2.32 million) of the total poultry population in the country. With regard to breed, 81.71 percent, 10.86 percent, and 7.43 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 - 2019/2020**

Type of Poultry	All		Indigenous		Exotic		Hybrid	
	Number	%	Number	%	Number	%	Number	%
All Poultry	48,955,675.00	100.00	40,001,033.00	81.71	3,637,250.00	7.43	5,317,392.00	10.86
Cocks.....	5,909,081.00	12.07	4,948,093.00	10.11	327,559.00	0.67	633,429.00	1.29
Cockerels.....	2,628,359.00	5.37	2,098,297.00	4.29	191,899.00	0.39	338,162.00	0.69
Pullets	5,228,980.00	10.68	4,007,891.00	8.19	518,165.00	1.06	702,924.00	1.44
Non-Laying Hens	2,323,074.00	4.75	1,909,522.00	3.90	163,924.00	0.33	249,627.00	0.51
Chicks.....	14,862,312.00	30.36	13,626,574.00	27.83	429,100.00	0.88	806,638.00	1.65
Laying Hens	18,003,870.00	36.78	13,410,657.00	27.39	2,006,602.00	4.10	2,586,610.00	5.28

Figure III.10 Distribution of Poultry by Type



3.1.5 Beehive Population

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

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

Intermediate [Transitional] Hive is a long trough-shaped box with sloping sidewalls covered with bars of a fixed width. The hive consists of a bottom board, two sidewalls and front and back walls. One opening is made in the

front wall to serve as flight entrance. The cover of the hive can be made from any material, which gives adequate protection against light, sun, and rain (Gezahegn Tadesse, 1993 E.C.; P.Seegeren et al, 1996).

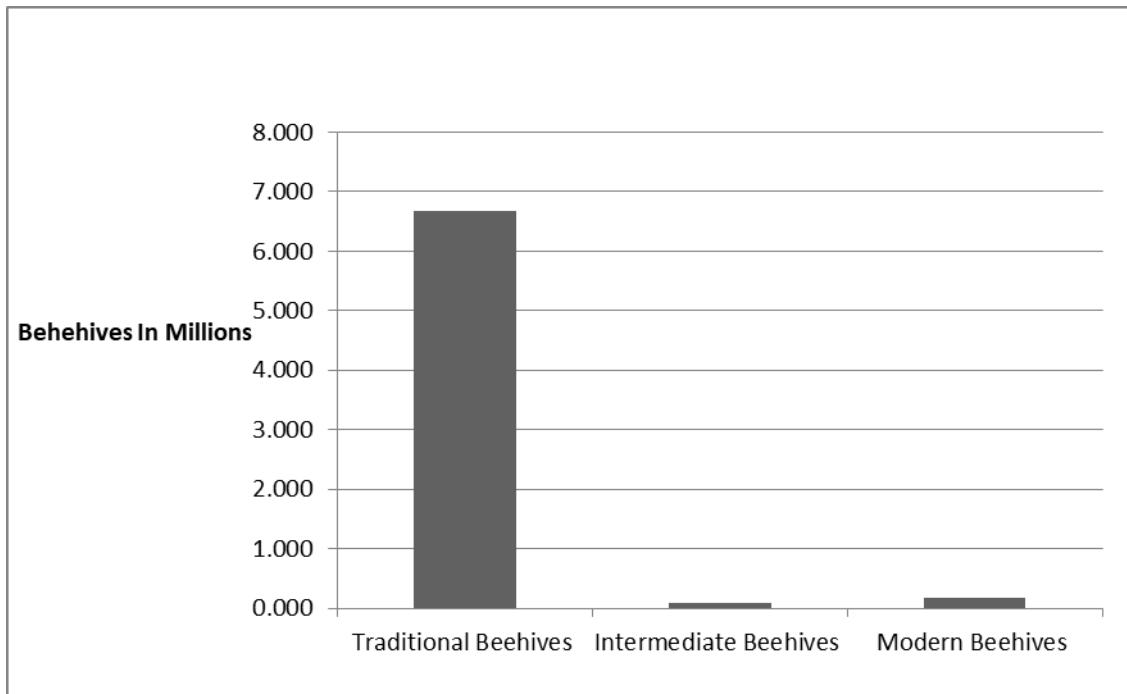
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 11, 2013 to November 10, 2014). Accordingly, the result of the survey revealed that a total of about 6.96 million hives is estimated to be found in the rural and pastoral sedentary areas of the country. From this total hives, the greater part (96.02 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,
Ethiopia - 2019/2020

Type of Beehive	Number	%
All Beehives	6,958,004.00	100.00
Traditional Beehives	6,680,885.00	96.02
Intermediate Beehives	94,159.00	1.35
Modern Beehives	182,960.00	2.63

Figure III.11 Distribution of Beehives by type



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

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

According to the survey result, about 51 million chickens, 14 million sheep, 16 million goats and 12 million cattle were born during the reference period in the rural pastoral and 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 30 million animals (either to build their stock or for some other reasons) and acquired about two 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 - 2019/2020**

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	11,650,156.	5,569,491.	6,080,665.	4,274,336.	2,645,242.	1,629,093.	623,796.	277,322.	346,473.
Sheep.....	14,099,572.	6,669,893.	7,429,679	4,679,292.	2,601,018.	2,078,274.	473,853.	121,411.	352,441.
Goats	16,619,111.	7,494,349.	9,124,762.	2,937,614	1,286,485.	1,651,129.	339,304.	85,522	253,782.
Horses.....	160,667.	80,332	80,335.	231,287	155,573	75,714	12,792	5,244.	7,548.
Donkeys	872,465.	457,022	415,443.	1,175,735.	698,647	477,088.	51,664.	20,248.	31,416.
Mules.....	24,314	10,269.	14,045	69,721	35,802	33,918	4,241	2,889	*
Camels.....	1,135,549.	461,591	673,958	63,808	42,910	20,899	21,389.	14,475	6,913
Poultry	50,948,862.	23,398,379	27,550,483	16,133,672.	6,014,206.	10,119,466	662,802.	157,685.	505,117.

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 13 million chickens, 7 million sheep, 6 million cattle and about 8 million goats were sold and about 21 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 52 million animals and households have also offered about 1.6 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 - 2019/2020

Type of Livestock	Number of Sales			Number of Slaughters			Number of Deaths*			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	6,209,042	3,990,546	2,218,496	441,454	265,590	175,864	3,109,310	1,341,343	1,767,968	483,963	216,302	267,661
Sheep.....	7,456,172	4,419,101	3,037,071	4,539,140	3,519,886	1,019,254	5,524,776	1,979,433	3,545,343	283,637	98,948	184,689
Goats	8,002,727	4,645,539	3,357,188	3,497,988	2,551,127	946,861	7,526,291	2,738,971	4,787,320	415,678	134,690	280,987
Horses.....	136,010	93,742	42,268				164,827	89,145	75,682	24,484	*	5,983
Donkeys	569,378	360,459	208,919				504,494	262,965	241,528	32,637	22,166	10,471
Mules.....	39,154	19,849	19,306				37,689	26,911	10,778	*	*	-
Camels.....	324,660	253,576	71,085	30,005	15,962	14,043	216,366	81,437	134,929	10,784	5,220	5,564
Poultry	13,241,454	7,301,817	5,939,637	12,894,275	8,490,231	4,404,044	34,706,683	14,267,246	20,439,437	387,071	141,623	245,447

* 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 and as well pastoral 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 3.89 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 1.82 billion 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 seven months, and average milk yield per cow per day is about 1.48 liters. With regard to camel, the average lactation period is about eight months whereas the average daily milk yield is about 5.16 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 150 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 1.73 1.82 and 1.67 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 317 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 5,10 and 1 for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 23,62, and 143 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 13,51 and 120 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2019/2020**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...	1.48		
Average Lactation Period (Months)	7.00		
Total Milk Production (Liters)	3,895,323,355.00		
Camel Milk			
Average Daily Milk Production (Liters/Camel)...	5.16		
Average Lactation Period (Months)	9.00		
Total Milk Production (Liters)	1,820,317,985.00		
Honey Production			
All Types of Beehives (Number).....	6,958,004.00		
Production (Kilograms).....	150,257,615.00		
Average Frequency (Harvests/Year)	1.73		
Traditional Beehives (Number).....	6,680,885.00		
Production (Kilograms).....	145,327,500.00		
Average Frequency (Harvests/Year)	1.73		
Intermediate Beehives (Number).....	94,159.00		
Production (Kilograms).....	1,453,942.00		
Average Frequency (Harvests/Year)	1.82		
Modern Beehives (Number).....	182,960.00		
Production (Kilograms).....	3,476,172.00		
Average Frequency (Harvests/Year)	1.67		
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	5	10	-
Average Length of a Period (in days).....	23	62	143
Average Number of Eggs/Hen/Period.....	13	51	120
Total Egg Production (Number).....	110,569,380	176,443,288	29,808,501

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 - 2019/2020**

Type of Livestock	Total Vaccinated[1]	Anthrax[2]	Blackleg[3]	Pleuro-Pneumonia[4]	Hemorrhagic Spet[5]	Render Pest[6]	Other
Cattle	20,859,354	8,634,752	6,362,902	3,120,851	3,443,527		3,300,738
Sheep	4,997,272	772,561	447,553	1,704,283	1,300,283	205,209	1,369,388
Goats	5,738,455	576,896	391,602	2,595,809	1,427,802	240,109	1,185,413
Camels	80,023	3,822	*	19,823	*	*	43,260
Total	31,675,104	9,988,031	7,208,027	7,440,766	6,177,135	446,941	5,898,798

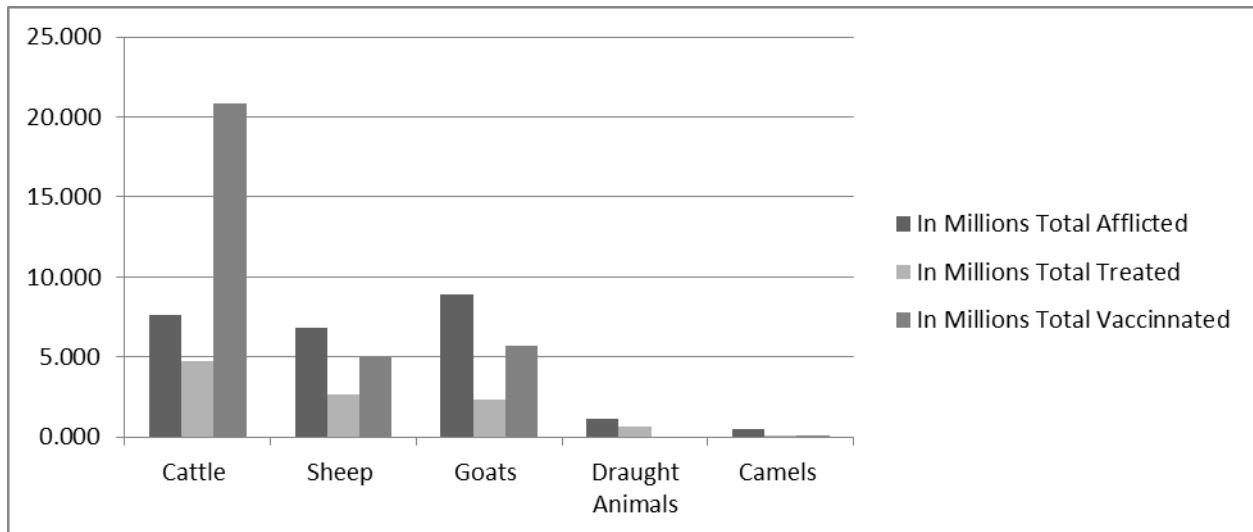
**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and
Treated, Ethiopia - 2019/2020**

Item	Number	%
Total Afflicted.....	47,984,293	100.00
Cattle	7,640,369	15.92
Sheep	6,862,501	14.30
Goats	8,908,838	18.57
Horses, Donkeys, and Mules .	1,160,285	2.42
Camels.....	536,531	1.12
Poultry	22,875,769	47.67
Total Treated	14,755,832	100.00
Cattle	4,780,950	32.40
Sheep	2,685,010	18.20
Goats	2,323,149	15.74
Horses, Donkeys, and Mules .	652,859	4.42
Camels.....	120,369	0.82
Poultry	4,193,495	28.42

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 31.67 million. Out of these animals, about 65.85 percent were cattle followed by goats, which took about 18.12 percent share. Sheep also accounted for about 15.77 percent of the total vaccinated animals. The survey results revealed that about 80 thousand camels was vaccinated during the reference period.

As indicated in Summary Table III.9b, about 48 million animals were diseased / afflicted by different types of diseases during the reference period and only about 14.76 million of them were treated. The cattle constituted about 32.4 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

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



3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK³

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 50 percent, reported one to four cattle and considerable portion (20.16 percent) of the holdings possess five to nine cattle. About 23.38 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

**Summary Table III.10a: Number of Holdings by Size of Cattle,
Ethiopia - 2019/2020**

Size	Number of Holdings	%
All Holdings.....	18,452,999	100
Holdings with no Cattle...	4,313,898	23.38
1-2 Head.....	4,817,176	26.11
3-4 Head.....	4,499,849	24.39
5-9 Head.....	3,720,606	20.16
10-19 Head.....	880,488	4.77
20-49 Head.....	197,725	1.07
50-99 Head.....	19,172	0.1
100-199 Head.....	1,115	0.01
>=200 Head.....	2,970	0.02

The result of the survey also revealed that about 29.13 percent and 21.04 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of

the holdings, about 65.79 percent and about 42.02 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 – 2019/2020**

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	18,452,999	100.00	18,452,999	100.00
Holdings with no Sheep/Goats.	12,139,987	65.79	13,290,496	72.02
1-4 Head.....	3,747,732	20.31	2,640,580	14.31
5-9 Head.....	1,627,649	8.82	1,241,390	6.73
10-49 Head.....	866,905	4.70	1,113,887	6.04
50-99 Head.....	56,912	0.31	131,576	0.71
100-199 Head.....	10,670	0.06	25,391	0.14
200-499 Head.....	3,144	0.02	8,866	0.05
>=500 Head.....	-	-	813	*

With regard to drought animals, from the holdings that owned draught animals, most of them were with one to two head. About 96.73 percent, 98.15 percent, 92.46 percent, and 63.13 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 - 2019/2020**

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%						
All Holdings.....	18,452,999	100	18,452,999	100	18,452,999	100	18,452,999	100
Holdings with no Animals.	17,060,779	92.46	11,658,449	63.18	18,112,040	98.15	17,850,437	96.73
1-2 Head.....	1,238,388	6.71	6,215,952	33.69	340,590	1.85	207,503	1.12
3-4 Head.....	138,896	0.75	519,241	2.81	369	*	74,216	0.4
5-9 Head.....	14,781	0.08	55,818	0.3	-	-	121,310	0.66
>= 10 Head.....	155	*	3,539	0.02	-	-	199,533	1.08

The size of poultry that most holdings reported is the one to nine size group followed by the ten to forty-nine size group. Sizeable (42.18 percent) holdings were also without poultry (see Summary Table III.10d).

**Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2019/2020**

Size	Number of Holdings	%
All Holdings.....	18,452,999	100
Holdings with no Poultry...	9,536,446	51.68
1-9 Head.....	7,510,769	40.7
10-49 Head.....	1,394,306	7.56
50-99 Head.....	10,324	0.06
100-199 Head.....	1,154	0.01
200-499 Head.....	-	-

³ The measures of size used for classification were adapted from FAO recommendation (2005).

3.7 ANIMAL FEED

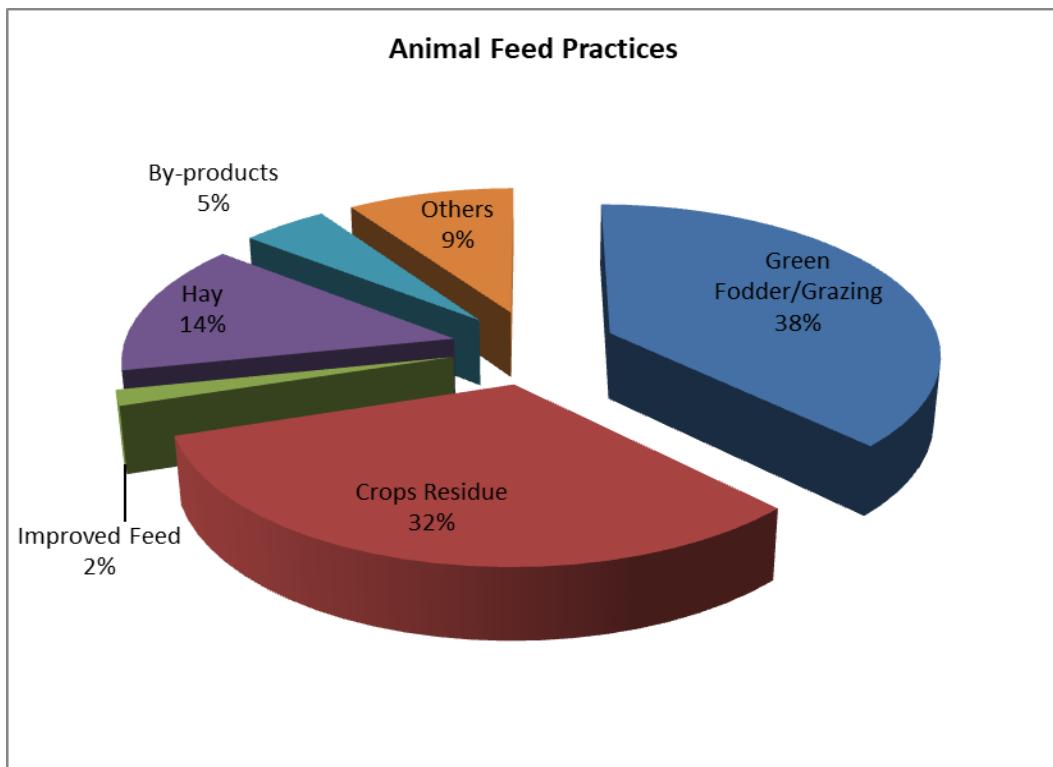
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *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 (55.23 about percent) followed by crops residue that is 30.84 percent. Hay and by-products were also used as animal feeds that comprise about 7.34 and 1.85 percent of the total feeds, respectively. Moreover, as shown in Summary Table III.11 and Figure III.13, a significant amount of improved feed (only 1.69 percent) was used as animal feed and other types of feed that accounted for about 9.49 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2019/2020

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing	15,232,275	55.23
Crops Residue.....	13,141,404	30.83
Improved Feed.....	672,351	0.67
Hay	5,733,533	7.34
By-products	1,966,186	1.85
Others	3,811,539	4.07

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 15 million holders have used green fodder to feed their animals. Significant number of holders (about 13 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 5.73 million, and about 2 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 3.81 million) as well reported to use other types of feeds while about 0.67 million 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 - 2019/2020

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	15,232,276	13,141,402	672,351	5,733,532	1,966,185	3,811,541
Own Holding.....	7,573,563	11,411,883	418,396	3,844,739	707,350	2,711,557
Purchased.....	361,987	277,617	170,315	713,870	1,130,262	388,542
Communal Holdings/Government	3,525,522	83,932	10,569	140,856	7,082	105,331
From any Two or More Sources...	3,623,527	1,317,909	63,413	1,005,280	114,927	505,596
Other Sources.....	147,677	50,061	9,658	28,787	6,564	100,515

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 605 thousand holders (less than 1 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 about 2.65 percent of them have practiced honey and wax development package. Moreover, about 4.47 percent of the holders practiced at least two types of packages concurrently within the reference period.

SUMMARY TABLE III.13 Estimated Number of Holders Practiced Livestock Extension Packages during the Reference Period by Type of Package, Ethiopia – 2019/2020

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	605,623	100
Dairy Development Package.....	161,281	26.63
Beef/Meat/Mutton Development Package.....	55,179	9.11
Poultry Development Package.....	314,514	51.93
Honey and Wax Development Package.....	16,048	2.65
Two or More of the Packages.....	27,067	4.47
Others.....	31,534	5.21

**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	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES	
Ethiopia	65,354,090	39,894,394	50,501,672	2,111,134	357,603	9,987,762	7,702,493	48,955,675	6,958,004	
Tigray	4,908,964	2,097,619	4,838,969	2,558	8,078	901,002	46,436	6,317,518	343,243	
Semen Mirab	1,954,132	410,846	2,357,427	-	*	268,072	18,423	2,416,962	84,520	
Mehakelawi	725,700	549,192	1,110,054	-	*	179,470	11,345	1,226,139	74,152	
Misrakawi	466,981	614,973	194,578	*	-	146,425	-	837,439	78,612	
Debubawi	390,934	186,475	161,672	*	3,808	70,266	*	352,624	27,759	
Mirabawi	847,546	101,390	679,188	*	*	72,760	6,603	830,957	38,516	
Debub Misrak	523,671	234,743	336,050	*	*	164,009	*	653,397	39,684	
Afar	1,952,394	4,040,176	8,531,082	*	*	317,065	1,162,311	92,941	35,216	
Zone_1 (Awsiresu)	956,514	2,097,665	3,684,850	-	-	131,122	468,623	*	-	
Zone_2 (Kelbetiresu)	60,423	261,082	1,631,277	-	*	61,328	146,511	*	34,447	
Zone_3 (Gebiresu)	581,902	1,036,987	1,665,529	*	-	66,580	347,177	39,245	*	
Zone_4 (Fentiresu)	74,664	274,330	566,703	-	-	18,227	49,206	*	-	
Zone_5 (Hariresu)	278,891	370,112	982,724	-	-	39,808	150,794	*	-	
Amhara	16,318,446	10,386,223	6,883,316	461,620	184,657	3,435,729	49,467	16,827,119	1,353,537	
Semen Gonder	747,139	526,668	604,411	39,178	10,768	170,950	-	1,436,676	85,931	
Debub Gonder	1,843,223	1,200,590	841,006	36,871	24,147	390,254	-	1,749,428	183,379	
Semen Wello	912,162	1,050,831	564,572	41,668	15,962	276,042	*	1,205,943	64,237	
Debub Wello	1,846,140	1,444,391	1,342,100	26,728	21,795	582,451	*	1,683,956	172,364	
Semen Shewa	1,540,426	1,917,701	820,701	104,713	5,548	568,261	12,764	1,578,906	82,641	
Misrak Gojjam	2,107,345	1,159,848	237,881	82,565	21,449	400,113	-	1,056,961	110,204	
Mirab Gojjam	2,515,806	1,361,456	222,911	*	57,635	370,073	-	2,616,075	252,130	
Waghimra	408,352	222,089	595,054	-	1,926	124,121	-	440,687	130,771	
Awi	1,190,654	491,824	*	80,808	18,325	86,535	-	1,189,280	93,668	
Oromiya Liyu Zone	311,616	84,053	174,801	-	*	44,834	11,273	245,513	*	
Maekelawi Gonder	2,541,249	896,911	1,017,533	*	6,844	392,546	-	3,310,498	138,781	
Mirab Gonder	354,335	29,863	190,617	-	*	29,549	*	313,197	25,446	
Oromia	25,031,068	9,260,493	7,526,644	1,324,903	108,356	3,640,642	294,331	16,668,657	3,782,186	
Mirab Wollega	1,126,465	358,091	111,144	*	*	163,492	-	1,139,366	493,849	
Misrak Wollega	1,008,968	274,629	189,644	*	4,030	121,636	-	770,250	172,194	
Ilu Ababor	902,072	291,053	116,661	47,772	4,815	42,853	-	824,610	694,628	
Jimma	2,369,307	750,487	515,513	63,567	22,291	179,228	-	1,868,113	647,294	
Mirab Shewa	2,202,544	1,048,490	313,569	264,969	7,143	237,825	-	1,273,221	145,007	
Semen Shewa	1,267,893	931,885	183,952	76,136	*	302,663	-	745,159	51,761	
Misrak Shewa	1,054,035	430,503	351,586	10,725	4,516	275,713	*	701,129	9,196	
Arsi	2,857,751	1,291,568	746,463	255,478	28,275	580,221	*	1,460,723	92,075	
Mirab Hararghe	1,081,736	137,090	931,849	*	*	232,898	*	984,844	59,494	
Mierak Hararge	1,118,552	309,696	1,078,685	-	-	257,223	*	1,478,465	54,796	
Bale	1,661,218	314,590	1,024,220	65,910	12,801	280,712	123,113	681,585	432,151	
Borena	789,453	343,607	589,024	1,125	*	63,225	88,066	161,860	11,862	
Debub Mirab Shewa	1,113,433	261,186	281,224	65,339	4,845	171,433	-	715,839	62,791	
Guji	1,393,394	430,676	301,541	123,436	*	76,531	*	823,798	258,829	
Mirab Guji	443,377	207,162	98,980	37,343	*	24,239	-	365,769	92,766	
Oromiya Liyu Zone	858,742	451,246	65,125	38,802	3,893	179,055	-	506,371	*	
Mirab Arsi	2,095,572	875,734	239,651	227,798	*	257,659	-	731,044	34,518	
Kelem Wollega	566,943	273,725	120,443	-	-	67,504	-	744,096	160,466	
Horo Guduru Wollega	681,928	162,022	172,992	26,508	2,896	101,067	-	442,035	165,354	
Buno Bedele	437,688	117,052	94,377	11,836	568	25,465	-	250,379	100,378	

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Somale	3,646,940	9,188,394	17,001,67	-	529	772,584	6,132,35	354,264	*
Siti	37,066	52,005	327,191	-	-	17,022	13,711	6,286	*
Fafan	451,605	1,185,676	644,107	-	*	79,373	278,339	17,497	*
Jerer	212,702	2,819,667	3,694,723	-	-	54,489	1,789,31	1,911	-
Erer	498,067	570,443	857,412	-	-	43,197	602,151	1,265	5,712
Korahe	247,875	532,596	706,993	-	-	28,621	379,471	8,617	-
Shebele	576,920	506,011	1,183,341	-	261	61,099	230,168	93,723	-
Dollo	38,528	494,221	839,151	-	-	1,397	373,170	199,832	-
Afder	565,091	1,357,775	3,464,101	-	-	182,942	680,613	25,134	*
Liben	836,684	1,481,987	4,767,845	-	-	279,496	1,497,78	354,264	*
Nogob	30,212	39,372	61,231	-	-	2,370	56,596	6,286	-
Dawa	152,190	148,643	455,578	-	-	22,577	231,033	17,497	7,148
Benshangul-Gumuz	626,537	72,284	404,015	*	2,705	62,584	-	884,660	153,781
Metekel	73,394	14,347	179,652	-	-	21,108	-	335,981	40,438
Asosa	506,829	45,544	137,121	*	2,670	32,924	-	359,765	47,964
Kemeshi	37,343	5,396	76,119	-	-	7,474	-	157,191	*
Mao Komo	8,970	6,997	11,123	-	*	1,078	-	31,723	34,015
SNNP	12,404,963	4,735,604	4,819,573	318,654	52,679	818,595	-	7,347,205	1,155,017
Gurage	1,000,600	308,849	113,947	46,222	2,988	122,201	-	473,360	44,723
Hadiya	950,388	206,732	218,039	25,241	4,605	171,007	-	724,972	100,308
Kembata Tembaro	399,307	56,441	71,433	4,587	*	54,961	-	243,969	36,616
Sidama	2,344,218	475,776	323,200	24,292	*	69,612	-	1,370,350	*
Gedeo	125,907	237,991	7,805	25,986	1,970	3,068	-	135,324	40,041
Welayta	896,032	186,805	202,686	*	*	47,540	-	573,468	48,195
Debub Omo	*	*	*	9,961	2,591	21,910	-	347,078	123,463
Sheka	150,250	65,770	15,782	9,411	*	1,892	-	120,384	148,467
Kefa	1,008,165	572,188	208,430	70,625	11,066	*	-	817,397	223,018
Gamo Gofa	1,403,050	502,720	460,207	45,709	11,773	53,180	-	727,024	79,975
Bench Maji	355,831	190,148	112,380	9,148	*	1,935	-	361,868	*
Yem Liyu	78,228	17,284	43,314	372	*	5,357	-	52,069	*
Segen Akababi Hizboch	457,273	301,515	491,133	*	*	41,117	-	479,713	50,007
Alaba Special	187,136	63,597	97,461	*	-	54,358	-	144,927	14,066
Dawro	334,971	61,029	69,716	2,823	4,155	4,870	-	183,555	31,913
Basketo Special	53,387	18,239	11,708	*	335	1,065	-	37,335	7,526
Konta Liyu	114,682	18,712	27,395	930	*	801	-	85,110	14,909
Silite	612,561	359,705	217,502	39,712	*	155,075	-	469,301	42,497
Gambela region	327,801	43,903	134,206	*	*	*	-	229,151	48,337
Agnuwak	6,671	*	6,226	-	-	*	-	26,328	*
Nuware	279,414	26,393	110,049	-	-	-	-	107,672	-
Mezhenger	16,679	13,255	5,877	*	*	-	-	61,652	43,005
Itang Special	25,038	*	12,054	-	-	-	-	33,499	-
Harari	69,615	4,236	103,567	-	-	14,649	*	104,585	4,408
Harari	69,615	4,236	103,567	-	-	14,649	*	104,585	4,408
Dire Dawa Astedader	67,364	65,462	258,629	-	-	24,702	16,862	129,575	*
Dire Dawa	67,364	65,462	258,629	-	-	24,702	16,862	129,575	*

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

Geographic Area	ALL CATTLE	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	65,354,090	2,884,11	2,565,321	4,917,116	17,193,663	1,259,72	3,246,038	3,043,170	6,567,945	22,530,000	1,146,99
Tigray	4,908,964	207,378	137,749	318,496	1,552,068	133,248	278,675	203,400	452,172	1,538,778	87,001
Semen Mirab	-	98,085	50,684	122,574	604,514	26,624	128,540	80,364	162,101	654,510	26,138
Mehakelawi	725,700	21,532	14,018	39,375	287,423	39,863	29,279	20,547	63,990	195,380	14,292
Misrakawi	466,981	16,078	13,012	37,705	157,326	16,608	20,159	16,802	39,710	142,820	*
Debubawi	390,934	16,173	13,225	26,890	135,503	6,595	15,968	14,608	36,229	121,944	3,799
Mirabawi	847,546	39,335	31,497	64,156	159,232	10,378	63,548	52,974	113,500	293,499	19,428
Debub Misrak	523,671	16,175	15,313	27,795	208,070	33,181	21,181	18,104	36,642	130,626	16,583
Afar	1,952,394	140,584	81,040	83,980	164,356	9,691	190,475	125,176	176,812	929,394	50,886
Zone_1 (Awsiresu)	956,514	64,066	36,651	46,864	73,326	6,400	97,855	62,445	89,366	458,706	20,836
Zone_2 (Kelbetiresu)	60,423	*	*	*	8,386	-	*	4,715	*	26,483	-
Zone_3 (Gebiresu)	581,902	43,867	24,215	23,416	59,059	*	49,689	34,814	57,187	288,055	*
Zone_4 (Fentiresu)	74,664	6,086	1,976	1,938	1,480	*	9,057	5,501	6,676	28,776	*
Zone_5 (Hariresu)	278,891	21,698	13,640	9,424	22,105	1,722	28,670	17,701	19,711	127,374	16,845
Amhara	16,318,446	643,495	497,796	1,265,824	5,425,755	517,652	691,575	560,210	1,457,429	4,911,081	347,628
Semen Gonder	747,139	36,398	19,371	58,454	240,410	21,814	44,663	22,791	69,709	216,270	17,258
Debub Gonder	1,843,223	90,760	54,697	141,819	601,534	48,069	70,220	61,549	153,539	576,260	44,775
Semen Wello	912,162	43,646	31,233	71,703	288,420	38,057	50,880	22,841	76,333	273,929	15,121
Debub Wello	1,846,140	66,474	58,453	136,734	733,652	29,392	87,806	72,410	144,068	489,274	27,876
Semen Shewa	1,540,426	45,469	34,510	124,433	663,948	84,835	37,934	34,210	117,901	370,857	26,329
Misrak Gojjam	2,107,345	51,901	44,960	158,559	748,238	119,506	51,498	45,287	172,522	646,921	67,953
Mirab Gojjam	2,515,806	81,340	75,116	196,788	830,408	80,518	76,893	82,920	245,481	801,516	44,827
Waghimra	408,352	21,603	9,769	30,440	126,941	8,361	20,206	13,228	39,271	131,321	7,212
Awi	1,190,654	62,911	40,711	105,885	291,488	*	77,750	48,389	127,890	401,500	16,146
Oromiya Liyu Zone	311,616	19,217	12,386	23,477	86,303	7,114	12,184	14,153	27,252	105,642	3,888
Maekelawi Gonder	2,541,249	101,642	99,189	191,672	757,328	55,277	129,899	117,841	242,726	778,704	66,969
Mirab Gonder	354,335	22,132	17,402	25,860	57,086	6,725	31,642	24,591	40,737	118,887	9,272
Oromia	25,031,068	1,030,46	1,057,325	2,017,257	6,849,691	486,727	1,137,259	1,195,275	2,531,950	8,249,348	475,774
Mirab Wollega	1,126,465	39,132	41,724	89,345	286,383	*	36,728	44,046	130,876	425,993	23,055
Misrak Wollega	1,008,968	45,471	44,546	87,473	279,625	4,293	34,393	43,083	99,912	364,795	5,377
Ilu Ababor	902,072	35,426	42,477	81,022	199,710	4,432	49,133	47,184	110,618	326,192	5,879
Jimma	2,369,307	83,128	88,061	188,377	728,592	11,225	89,007	114,086	224,204	822,437	20,190
Mirab Shewa	2,202,544	90,696	77,179	212,518	661,048	51,814	94,441	79,800	205,045	680,300	49,702
Semen Shewa	1,267,893	53,151	45,008	92,636	465,041	30,268	58,480	39,508	94,055	371,036	18,709
Misrak Shewa	1,054,035	24,391	41,263	79,429	367,757	36,762	23,939	58,588	115,277	273,515	*
Arsi	2,857,751	129,744	120,333	204,160	905,942	116,692	128,249	114,493	254,214	790,764	93,160
Mirab Hararghe	1,081,736	53,402	49,954	95,770	258,623	*	67,470	48,115	126,079	361,722	9,129
Mierak Hararge	1,118,552	59,752	54,208	150,303	138,348	-	54,825	52,160	175,183	425,011	8,761
Bale	1,661,218	64,972	85,518	109,163	436,069	31,744	93,047	101,833	138,745	574,190	25,937
Borena	789,453	42,758	42,040	57,479	96,737	12,798	67,066	67,788	113,901	264,474	24,413
Debub Mirab Shewa	1,113,433	35,555	41,535	98,270	371,287	48,549	35,885	39,383	92,552	329,498	20,921
Guji	1,393,394	58,358	58,939	101,857	332,306	*	64,799	77,100	128,098	518,640	35,427
Mirab Guji	443,377	21,478	27,722	27,307	88,282	*	23,803	25,516	43,226	164,638	13,722
Oromiya Liyu Zone	858,742	27,658	32,546	64,306	280,335	22,854	28,797	40,148	75,728	275,453	10,917
Mirab Arsi	2,095,572	98,301	98,421	151,252	445,740	*	116,171	128,041	227,349	708,243	*
Kelem Wollega	566,943	21,388	21,069	35,678	192,817	-	33,188	24,951	58,737	178,213	*
Horo Guduru Wollega	681,928	22,889	23,542	52,272	204,947	10,205	19,130	28,342	72,217	237,685	10,698
Buno Bedele	437,688	22,812	21,241	38,638	110,104	*	18,707	21,111	45,936	156,549	*

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	3,646,940	244,159	173,720	247,534	414,384	15,446	290,412	242,581	406,78	1,584,688	27,229
Siti	37,066	4,804	1,195	1,857	5,163	*	3,441	786	2,823	16,457	*
Fafan	451,605	32,167	14,061	37,838	76,982	406	32,611	20,906	59,497	176,468	669
Jerer	212,702	9,927	11,040	25,475	37,868	*	8,867	9,843	22,417	77,302	*
Erer	498,067	23,922	22,253	28,033	81,277	-	41,679	41,363	58,652	200,198	691
Korahe	247,875	17,507	17,130	18,985	23,815	8,969	31,704	25,715	29,001	58,729	16,320
Shebele	576,920	43,316	43,751	55,291	45,721	77	46,292	53,249	61,322	227,046	857
Dollo	38,528	1,391	2,977	2,612	4,969	47	1,649	1,996	5,051	17,351	484
Afder	565,091	32,575	16,530	22,327	62,355	*	43,739	32,851	55,966	297,660	*
Liben	836,684	67,678	36,971	45,303	58,628	*	62,576	42,615	87,335	434,024	*
Nogob	30,212	1,767	1,795	1,444	4,270	-	3,768	3,494	3,423	10,251	-
Dawa	152,190	9,105	6,019	8,369	13,336	*	14,086	9,763	21,301	69,202	*
Benshangul-Gumuz	626,537	33,733	23,678	54,694	145,890	7,286	29,563	28,978	68,800	219,061	14,853
Metekel	73,394	3,605	3,387	7,097	11,479	*	3,685	4,564	7,014	30,614	*
Asosa	506,829	27,580	17,593	42,859	125,223	6,297	24,686	21,812	55,158	173,261	12,358
Kemeshi	37,343	2,299	2,182	3,829	6,858	*	*	2,105	5,611	12,087	*
Mao Komo	8,970	250	517	910	2,330	*	256	497	1,017	3,099	*
SNNP	12,404,963	548,019	576,293	892,673	2,585,074	88,033	591,263	664,565	1,421,	4,897,331	140,136
Gurage	1,000,600	46,742	55,590	65,403	151,262	*	49,179	56,417	112,49	450,116	9,726
Hadiya	950,388	43,255	41,397	53,839	233,463	10,983	44,743	52,823	92,597	358,249	19,040
Kembata Tembaro	399,307	16,202	10,319	25,974	75,507	*	21,177	21,083	42,614	164,629	12,134
Sidama	2,344,218	131,971	136,014	153,744	153,686	*	127,049	140,774	321,65	1,134,949	38,114
Gedeo	125,907	3,229	4,380	16,417	37,443	*	5,063	3,930	16,207	37,293	*
Welayta	896,032	45,781	51,197	68,917	203,653	*	38,692	54,226	104,26	324,771	2,147
Debub Omo	*	53,695	74,484	*	*	*	62,451	*	*	*	*
Sheka	150,250	6,453	9,256	15,588	28,438	*	9,239	7,556	18,666	53,024	*
Kefa	1,008,165	50,840	40,924	74,407	259,326	*	52,857	48,245	103,73	357,786	*
Gamo Gofa	1,403,050	65,781	65,705	115,988	296,197	*	72,509	84,216	164,32	521,524	*
Bench Maji	355,831	14,904	12,247	27,060	89,112	*	23,409	15,140	39,892	122,142	*
Yem Liyu	78,228	1,285	999	*	27,833	*	3,115	3,251	5,993	27,374	*
Segen Akababi Hizboch	457,273	16,259	18,381	24,072	162,540	*	18,811	20,747	39,845	148,673	3,081
Alaba Special	187,136	9,204	6,859	10,426	52,641	3,647	9,254	10,678	15,653	65,040	3,735
Dawro	334,971	12,512	16,395	32,048	65,432	5,722	15,409	19,473	51,418	108,095	8,467
Basketo Special	53,387	3,172	3,093	4,599	13,115	1,028	2,305	1,689	5,430	17,794	1,161
Konta Liyu	114,682	3,380	4,828	11,247	33,221	*	4,576	5,505	13,419	36,233	*
Silite	612,561	23,353	24,227	34,621	162,275	*	31,427	30,044	56,052	231,731	8,277
Gambela region	327,801	27,315	11,876	21,684	38,725	*	28,287	17,999	32,414	149,317	*
Agnuwak	6,671	355	331	740	2,337	*	168	*	459	2,012	-
Nuware	279,414	23,335	9,457	17,655	32,865	-	25,368	14,913	26,360	129,390	*
Mezhenger	16,679	1,853	693	1,495	422	-	851	1,271	2,613	7,438	*
Itang Special	25,038	1,771	1,395	1,794	3,101	*	1,901	1,589	2,982	10,476	*
Harari	69,615	4,008	2,932	7,879	8,923	*	4,919	2,478	8,095	25,832	2,959
Harari	69,615	4,008	2,932	7,879	8,923	*	4,919	2,478	8,095	25,832	2,959
Dire Dawa Astedader	67,364	4,965	2,912	7,094	8,797	-	3,610	2,508	11,909	25,171	*
Dire Dawa	67,364	4,965	2,912	7,094	8,797	-	3,610	2,508	11,909	25,171	*

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

Geographic Area	ALL SHEEP	SHEEP							
		MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Ethiopia	39,894,394	4,201,209	1,971,773	2,107,147	3,574,803	4,520,740	2,532,010	3,609,450	17,377,262
Tigray	2,097,619	194,150	96,440	93,180	132,799	225,036	153,502	233,302	969,210
Semen Mirab	410,846	30,425	18,887	14,099	28,813	36,829	39,456	50,721	191,616
Mehakelawi	549,192	46,871	18,984	25,929	43,945	53,085	43,213	60,597	256,568
Misrakawi	614,973	77,883	29,371	25,279	19,793	77,223	33,367	61,854	290,203
Debubawi	186,475	15,890	8,899	7,003	12,012	21,600	15,166	19,568	86,336
Mirabawi	101,390	4,188	*	*	1,822	7,326	8,970	*	52,537
Debub Misrak	234,743	18,893	15,849	9,525	26,413	28,972	13,330	29,812	91,950
Afar	4,040,176	368,301	191,547	192,816	342,216	480,572	267,032	376,581	1,821,110
Zone_1 (Awsiresu)	2,097,665	202,970	88,690	99,362	165,063	278,578	134,671	203,245	925,086
Zone_2 (Kelbetiresu)	261,082	18,481	9,906	6,459	20,008	29,008	17,541	17,866	141,815
Zone_3 (Gebiresu)	1,036,987	87,621	54,851	61,412	112,852	97,579	67,949	100,256	454,467
Zone_4 (Fentiresu)	274,330	23,164	11,258	7,415	9,750	33,755	19,205	28,596	141,187
Zone_5 (Hariresu)	370,112	36,065	26,843	18,168	34,542	41,652	27,667	26,619	158,556
Amhara	10,386,223	1,351,481	437,081	411,944	703,012	1,369,343	525,039	680,190	4,908,133
Semen Gonder	526,668	73,119	17,999	17,473	26,685	78,548	26,802	38,126	247,916
Debub Gonder	1,200,590	161,188	60,062	36,874	55,901	167,435	89,721	66,643	562,766
Semen Wello	1,050,831	119,191	40,476	45,612	104,440	119,485	61,990	67,879	491,758
Debub Wello	1,444,391	172,348	59,251	84,084	138,164	151,114	62,717	112,182	664,531
Semen Shewa	1,917,701	208,896	77,572	102,364	209,690	233,071	93,507	127,140	865,460
Misrak Gojjam	1,159,848	177,094	28,386	27,100	40,370	174,192	37,718	60,364	614,623
Mirab Gojjam	1,361,456	193,372	68,550	35,202	39,331	195,691	60,094	95,381	673,834
Waghimra	222,089	25,646	9,424	12,861	15,255	27,229	13,384	16,237	102,052
Awj	491,824	81,782	23,174	19,936	12,659	81,117	17,204	32,575	223,378
Oromiya Liyu Zone	84,053	7,322	*	3,777	11,217	6,681	4,674	6,013	32,054
Maekelawi Gonder	896,911	128,107	38,777	25,193	46,258	131,315	54,536	54,915	417,812
Mirab Gonder	29,863	3,415	1,095	1,469	3,042	3,464	2,694	2,734	11,949
Oromia	9,260,493	1,175,099	479,266	493,759	669,925	1,199,406	625,282	840,457	3,777,300
Mirab Wollega	358,091	51,741	15,035	18,791	25,925	44,929	27,157	36,588	137,925
Misrak Wollega	274,629	40,978	16,842	10,776	15,579	47,346	14,648	19,281	109,179
Ilu Ababor	291,053	35,627	18,677	12,879	6,166	39,349	26,337	38,091	113,926
Jimma	750,487	90,654	38,959	50,191	37,553	91,315	48,607	104,918	288,291
Mirab Shewa	1,048,490	178,721	40,442	30,932	25,976	163,286	76,007	74,290	458,836
Semen Shewa	931,885	121,939	31,678	31,392	79,299	139,787	38,629	44,389	444,773
Misrak Shewa	430,503	43,750	33,810	16,533	37,283	46,565	37,970	38,813	175,779
Arsi	1,291,568	154,717	80,598	84,255	134,963	147,560	85,462	96,976	507,036
Mirab Hararghe	137,090	16,892	7,746	5,876	8,437	17,903	6,862	11,607	61,767
Mierak Hararge	309,696	37,683	14,202	17,135	17,937	36,239	14,235	28,982	143,282
Bale	314,590	30,540	19,683	22,430	14,649	42,731	19,462	31,473	133,621
Borena	343,607	27,015	21,621	27,901	50,269	38,691	36,197	42,359	99,556
Debub Mirab Shewa	261,186	42,101	21,154	16,512	12,865	25,632	17,433	16,393	109,095
Guji	430,676	33,694	20,083	40,982	27,127	44,955	28,444	69,953	165,438
Mirab Guji	207,162	20,942	16,453	11,497	16,304	22,475	16,908	29,140	73,443
Oromiya Liyu Zone	451,246	79,547	18,500	9,068	16,299	76,389	21,110	22,403	207,930
Mirab Arsi	875,734	94,272	41,524	55,431	55,198	106,814	83,184	99,191	340,119
Kelem Wollega	273,725	30,473	8,938	18,599	*	25,552	*	15,480	87,332
Horo Guduru Wollega	162,022	26,474	5,891	7,386	6,031	26,742	11,818	10,596	67,084
Buno Bedele	117,052	17,338	7,429	5,193	3,250	15,146	6,276	9,532	52,888

TABLE 3-3 CONT'D

Geographic Area	ALL SHEEP	SHEEP							
		MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somale	9,188,394	646,203	499,100	635,970	1,220,983	738,464	647,471	938,385	3,861,817
Siti	52,005	5,536	1,051	2,709	5,823	7,383	2,262	3,015	24,225
Fafan	1,185,676	90,644	57,609	94,437	159,631	102,180	73,841	152,905	454,429
Jerer	2,819,667	159,114	163,026	252,834	510,077	153,540	163,122	251,841	1,166,112
Erer	570,443	29,202	23,395	44,630	79,832	51,724	54,570	88,641	198,448
Korahe	532,596	48,035	33,488	38,612	64,166	80,892	47,949	64,227	155,228
Shebele	506,011	35,873	30,035	44,056	54,791	38,226	32,070	63,162	207,798
Dollo	494,221	36,857	33,552	27,581	41,386	44,858	56,226	64,082	189,681
Afder	1,357,775	94,812	62,579	46,999	156,995	99,647	92,860	102,146	701,737
Liben	1,481,987	130,988	84,914	73,853	130,126	136,565	106,875	127,130	691,536
Nogob	39,372	2,931	3,010	2,814	5,090	3,874	6,243	5,501	9,909
Dawa	148,643	12,211	6,441	7,443	13,066	19,577	11,454	15,737	62,714
Benshangul-Gumuz	72,284	11,863	5,600	2,296	4,449	8,676	7,976	7,560	23,866
Metekel	14,347	1,466	1,438	671	1,215	1,668	1,175	2,359	4,355
Asosa	45,544	8,412	*	*	*	5,621	6,061	3,796	14,746
Kemeshi	5,396	*	-	*	*	*	-	*	2,294
Mao Komo	6,997	1,239	327	167	268	908	740	878	2,472
SNNP	4,735,604	438,846	257,888	271,854	490,961	485,269	299,685	521,052	1,970,048
Gurage	308,849	30,077	16,027	12,408	20,945	42,560	24,236	37,425	125,171
Hadiya	206,732	17,610	11,993	9,252	9,934	21,157	18,589	23,821	94,375
Kembata Tembaro	56,441	5,161	3,021	7,542	9,266	6,548	2,657	4,981	17,264
Sidama	475,776	58,602	33,515	32,354	27,084	48,584	28,064	25,640	221,932
Gedeo	237,991	26,940	11,136	15,411	21,250	18,155	14,872	30,625	99,602
Welayta	186,805	20,464	13,193	17,842	11,637	19,727	16,052	27,500	60,391
Debub Omo	*	57,822	48,217	*	*	75,431	*	*	*
Sheka	65,770	10,355	3,737	3,593	1,916	9,508	2,617	8,109	25,934
Kefa	572,188	63,180	18,225	19,999	57,495	70,579	30,171	49,594	262,945
Gamo Gofa	502,720	42,447	28,887	15,236	24,513	56,191	23,876	62,263	249,306
Bench Maji	190,148	21,962	9,671	9,089	9,781	20,039	12,968	25,236	81,402
Yem Liyu	17,284	2,125	768	614	*	2,026	755	803	9,146
Segen Akababi Hizboch	301,515	22,759	21,689	27,575	41,893	29,926	18,022	32,055	107,596
Alaba Special	63,597	7,776	3,993	2,220	1,756	8,760	4,292	6,309	28,490
Dawro	61,029	2,490	6,930	4,174	5,620	3,140	5,868	8,818	23,989
Basketo Special	18,239	1,729	794	1,306	1,178	1,914	1,026	2,398	7,894
Konta Liyu	18,712	1,360	670	3,584	5,052	1,103	*	1,699	4,625
Silite	359,705	45,987	25,421	10,369	17,901	49,920	24,947	28,576	156,585
Gambela region	43,903	6,266	*	1,985	5,989	6,447	1,723	2,338	16,739
Agnuwak	*	*	*	*	*	*	-	*	*
Nuware	26,393	3,736	*	962	3,911	*	1,090	1,163	10,011
Mezhenger	13,255	2,071	*	673	1,637	2,602	*	799	4,786
Itang Special	*	*	*	*	*	195	*	*	*
Harari	4,236	391	-	*	*	663	-	*	1,936
Harari	4,236	391	-	*	*	663	-	*	1,936
Dire Dawa Astedader	65,462	8,609	2,435	3,022	4,154	6,863	4,299	8,978	27,103
Dire Dawa	65,462	8,609	2,435	3,022	4,154	6,863	4,299	8,978	27,103

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

Geographic Area	ALL GOATS	GOATS							
		MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Ethiopia	50,501,672	4,562,902	2,610,134	2,830,070	5,052,199	5,348,630	3,592,104	5,031,796	21,473,83
Tigray	4,838,969	506,809	209,642	222,876	367,882	618,995	383,588	546,009	1,983,167
Semen Mirab	2,357,427	275,136	93,762	87,902	158,028	316,490	172,306	266,771	987,032
Mehakelawi	1,110,054	97,421	50,076	53,198	114,647	123,809	82,849	106,691	481,363
Misrakawi	194,578	24,645	6,291	8,023	16,663	23,173	13,301	25,272	77,211
Debubawi	161,672	16,858	7,733	7,224	9,568	19,443	13,654	17,276	69,917
Mirabawi	679,188	62,937	41,489	48,827	39,376	92,846	75,566	98,081	220,068
Debub Misrak	336,050	29,813	10,291	17,704	29,601	43,234	25,913	31,919	147,576
Afar	8,531,082	697,471	383,308	346,763	733,664	959,438	577,516	763,355	4,069,568
Zone_1 (Awsiresu)	3,684,850	338,421	161,477	140,859	338,984	460,654	235,585	340,085	1,668,785
Zone_2 (Kelbetiresu)	1,631,277	95,496	54,032	45,741	99,781	174,413	119,291	146,331	896,192
Zone_3 (Gebiresu)	1,665,529	131,494	78,813	92,271	176,734	142,786	104,156	147,722	791,553
Zone_4 (Fentiresu)	566,703	42,952	22,856	16,310	20,496	68,499	49,583	64,455	281,550
Zone_5 (Hariesu)	982,724	89,109	66,130	51,581	97,668	113,086	68,900	64,762	431,488
Amhara	6,883,316	871,764	412,526	411,545	772,456	902,415	438,346	556,908	2,517,356
Semen Gonder	604,411	88,650	35,010	23,074	41,329	97,500	40,412	43,910	234,526
Debub Gonder	841,006	99,146	55,631	43,029	84,892	117,526	60,582	65,731	314,469
Semen Wello	564,572	85,660	26,101	24,001	40,503	80,193	33,797	43,049	231,266
Debub Wello	1,342,100	193,662	69,568	86,978	183,495	163,612	57,565	91,255	495,966
Semen Shewa	820,701	82,106	46,717	66,797	181,007	89,530	38,424	63,490	252,630
Misrak Gojjam	237,881	34,507	7,384	8,723	15,556	46,510	6,324	24,054	94,824
Mirab Gojjam	222,911	31,571	*	*	12,010	22,637	9,880	19,984	82,591
Waghimra	595,054	59,929	27,637	39,771	52,020	74,228	38,573	45,430	257,467
Awj	*	*	*	*	*	*	*	*	*
Oromiya Liyu Zone	174,801	20,213	9,520	10,915	17,662	18,752	11,322	23,253	63,165
Maekelawi Gonder	1,017,533	121,561	80,834	56,862	73,850	136,192	99,957	94,033	354,244
Mirab Gonder	190,617	27,633	12,932	11,611	11,790	29,803	19,370	19,283	58,195
Oromia	7,526,644	894,875	426,674	479,607	555,626	993,715	574,735	780,802	2,820,610
Mirab Wollega	111,144	8,284	9,991	*	*	8,193	*	14,367	40,104
Misrak Wollega	189,644	23,298	8,070	11,276	*	26,964	11,055	19,647	69,113
Ilu Ababor	116,661	16,589	6,111	3,393	4,976	16,462	12,086	17,548	39,498
Jimma	515,513	71,566	30,231	23,823	*	72,872	42,971	52,056	210,719
Mirab Shewa	313,569	53,325	15,280	7,541	14,813	64,121	15,733	21,870	120,886
Semen Shewa	183,952	20,371	9,070	12,362	11,821	30,653	14,811	23,620	61,243
Misrak Shewa	351,586	43,890	17,506	23,644	21,892	53,933	28,671	40,402	121,649
Arsi	746,463	78,412	46,626	51,864	66,607	103,505	47,395	64,749	287,304
Mirab Hararghe	931,849	113,907	38,623	54,727	99,298	124,649	56,321	57,677	386,646
Mierak Hararge	1,078,685	119,412	69,024	88,672	84,420	113,892	73,996	129,808	399,461
Bale	1,024,220	119,860	53,831	60,978	65,547	126,010	83,842	107,598	406,553
Borena	589,024	44,913	37,629	53,438	59,213	67,188	63,432	79,504	183,707
Debub Mirab Shewa	281,224	49,169	20,374	14,242	13,392	44,369	21,885	19,062	98,731
Guji	301,541	31,548	19,276	17,437	24,511	31,732	26,271	44,536	106,232
Mirab Guji	98,980	11,336	4,999	6,553	*	10,475	5,800	10,596	*
Oromiya Liyu Zone	65,125	11,681	*	*	*	8,958	*	*	21,992
Mirab Arsi	239,651	21,269	17,677	16,723	13,835	25,474	23,191	32,578	88,905
Kelem Wollega	120,443	17,258	*	13,392	*	19,624	*	19,779	33,578
Horo Guduru Wollega	172,992	25,823	11,014	6,171	14,986	30,425	11,659	9,992	62,922
Buno Bedele	94,377	12,965	4,626	3,728	2,728	14,216	6,685	8,811	40,618

TABLE 3-4 CONT'D

Geographic Area	ALL GOATS	GOATS							
		MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somale	17,001,672	1,078,494	892,222	980,584	1,880,896	1,310,023	1,218,548	1,672,680	7,968,225
Siti	327,191	34,669	9,816	15,577	31,063	42,116	20,509	29,141	144,300
Fafan	644,107	45,649	32,943	49,804	96,604	54,196	42,011	78,358	244,542
Jerer	3,694,723	176,352	205,560	317,870	710,955	169,817	205,117	319,628	1,589,423
Erer	857,412	41,609	35,169	74,969	120,826	72,006	71,025	141,698	300,110
Korahe	706,993	56,283	57,393	61,498	87,753	93,517	72,283	75,757	202,510
Shebele	1,183,341	86,400	74,747	99,100	152,261	90,278	94,610	119,445	466,500
Dollo	839,151	58,550	48,819	42,654	74,329	69,478	83,449	112,777	349,094
Afder	3,464,101	229,855	164,121	113,226	261,059	257,495	221,423	253,179	1,963,743
Liben	4,767,845	321,080	243,661	180,831	300,360	415,524	365,011	483,931	2,457,447
Nogob	61,231	3,469	3,599	4,090	9,483	5,979	7,678	7,801	19,132
Dawa	455,578	24,578	16,395	20,965	36,203	39,617	35,432	50,966	231,424
Benshangul-Gumuz	404,015	49,834	20,080	22,724	29,822	54,268	31,464	42,085	153,735
Metekel	179,652	17,541	8,782	9,880	12,679	22,384	15,573	18,337	74,476
Asosa	137,121	19,434	7,170	6,714	13,203	19,530	11,660	10,029	49,382
Kemeshi	76,119	10,941	3,510	5,830	3,237	10,804	3,473	12,038	26,286
Mao Komo	11,123	1,920	619	300	703	1,550	757	1,681	3,592
SNNP	4,819,573	403,832	240,693	341,144	664,252	452,481	340,321	620,333	1,756,516
Gurage	113,947	12,914	7,900	4,228	8,969	16,586	6,903	12,100	44,347
Hadiya	218,039	24,137	7,868	10,748	17,639	31,536	14,824	30,121	81,165
Kembata Tembaro	71,433	7,692	4,868	6,043	*	7,947	5,806	9,838	26,182
Sidama	323,200	27,884	*	23,361	26,246	38,485	*	45,755	117,800
Gedeo	7,805	-	*	*	-	*	*	*	5,061
Welayta	202,686	22,677	8,718	10,586	19,424	18,945	17,371	27,356	77,608
Debub Omo	*	101,004	102,506	*	*	143,324	151,641	288,571	*
Sheka	15,782	3,044	690	538	*	1,474	*	1,558	6,977
Kefa	208,430	30,187	6,819	7,505	11,374	31,133	15,586	21,054	84,772
Gamo Gofa	460,207	69,197	20,394	28,424	20,722	49,216	33,501	60,827	177,925
Bench Maji	112,380	9,414	5,257	7,187	12,400	11,261	11,089	16,660	39,112
Yem Liyu	43,314	6,677	*	630	1,450	5,508	1,812	3,700	19,918
Segen Akababi Hizboch	491,133	44,641	20,777	34,599	72,250	44,549	29,714	54,301	190,303
Alaba Special	97,461	11,379	6,794	2,940	3,794	12,794	7,187	9,154	43,419
Dawro	69,716	9,876	5,598	6,811	6,735	6,487	6,267	10,003	17,938
Basketo Special	11,708	1,386	*	363	873	1,582	655	1,230	5,283
Konta Liyu	27,395	2,941	1,452	3,354	2,367	2,890	1,606	3,922	8,863
Selite	217,502	18,781	13,143	17,327	6,720	28,471	14,303	23,640	95,117
Gambela region	134,206	16,990	4,871	6,056	15,840	15,959	6,961	11,938	55,591
Agnuwak	6,226	734	*	493	685	525	*	604	2,617
Nuware	110,049	14,008	3,695	4,746	13,414	13,556	5,128	9,881	45,621
Mezhenger	5,877	921	283	*	544	*	*	458	2,452
Itang Special	12,054	1,327	570	479	1,197	1,455	1,130	995	4,900
Harari	103,567	13,345	5,547	8,027	11,131	10,094	4,663	10,849	39,910
Harari	103,567	13,345	5,547	8,027	11,131	10,094	4,663	10,849	39,910
Dire Dawa Astedader	258,629	29,488	14,571	10,744	20,629	31,243	15,961	26,836	109,157
Dire Dawa	258,629	29,488	14,571	10,744	20,629	31,243	15,961	26,836	109,157

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	2,111,134	205,172	879,800	190,113	836,049	9,987,762	1,169,64	3,709,224	1,072,66	4,036,238			
Tigray	2,558	-	2,001	-	*	901,002	94,929	414,921	80,844	310,308			
Semen Mirab	-	-	-	-	-	268,072	30,256	109,119	24,979	103,718			
Mehakelawi	-	-	-	-	-	179,470	19,385	85,643	11,257	63,186			
Misrakawi	*	-	*	-	-	146,425	13,564	74,528	16,176	42,157			
Debubawi	*	-	*	-	-	70,266	8,743	17,816	9,807	33,901			
Mirabawi	*	-	*	-	*	72,760	5,277	40,816	5,434	21,233			
Debub Misrak	*	-	*	-	-	164,009	17,704	87,000	13,191	46,113			
Afar	*	-	*	-	-	317,065	36,650	136,685	19,727	124,004			
Zone_1 (Awsiresu)	-	-	-	-	-	131,122	14,087	53,229	8,643	55,164			
Zone_2 (Kelbetiresu)	-	-	-	-	-	61,328	5,785	41,071	2,795	11,677			
Zone_3 (Gebiresu)	*	-	*	-	-	66,580	7,696	26,601	4,485	27,798			
Zone_4 (Fentiresu)	-	-	-	-	-	18,227	2,392	5,976	1,290	8,569			
Zone_5 (Hariresu)	-	-	-	-	-	39,808	6,690	9,808	2,514	20,797			
Amhara	461,620	35,896	175,186	38,642	211,895	3,435,729	481,979	1,054,544	418,515	1,480,691			
Semen Gonder	39,178	2,747	20,787	2,920	12,724	170,950	22,446	53,776	23,160	71,568			
Debub Gonder	36,871	-	17,528	*	16,091	390,254	63,616	98,821	46,770	181,048			
Semen Wello	41,668	*	10,105	*	22,305	276,042	37,184	83,607	36,471	118,780			
Debub Wello	26,728	*	6,975	*	18,863	582,451	78,145	176,396	74,546	253,365			
Semen Shewa	104,713	10,131	31,240	14,346	48,997	568,261	86,705	193,502	66,887	221,166			
Misrak Gojjam	82,565	9,197	38,319	4,535	30,514	400,113	45,032	147,524	47,459	160,098			
Mirab Gojjam	*	*	*	*	*	370,073	55,210	69,408	51,555	193,900			
Waghimra	-	-	-	-	-	124,121	13,424	55,433	10,158	45,106			
Awi	80,808	3,502	41,906	4,228	31,173	86,535	13,715	35,779	10,656	26,384			
Oromiya Liyu Zone	-	-	-	-	-	44,834	5,543	12,423	6,100	20,767			
Maekelawi Gonder	*	*	*	*	10,592	392,546	58,679	103,795	44,300	185,772			
Mirab Gonder	-	-	-	-	-	29,549	2,279	24,080	*	2,737			
Oromia	1,324,903	141,860	562,554	125,443	495,045	3,640,642	402,882	1,338,995	413,860	1,484,905			
Mirab Wollega	*	*	-	*	*	163,492	16,230	35,262	21,864	90,136			
Misrak Wollega	*	*	*	*	*	121,636	16,522	41,096	13,583	50,436			
Ilu Ababor	47,772	4,825	11,754	6,302	24,890	42,853	7,272	24,062	4,254	7,266			
Jimma	63,567	*	30,134	5,961	23,757	179,228	10,740	89,876	16,190	62,423			
Mirab Shewa	264,969	37,189	84,484	34,999	108,298	237,825	35,349	46,497	39,013	116,966			
Semen Shewa	76,136	15,523	12,746	10,161	37,706	302,663	42,215	67,829	46,724	145,895			
Misrak Shewa	10,725	*	9,430	-	*	275,713	33,152	107,248	29,118	106,194			
Arsi	255,478	27,026	95,840	27,167	105,445	580,221	62,735	207,249	65,619	244,619			
Mirab Hararghe	*	*	-	-	*	232,898	19,071	92,476	23,465	97,887			
Mierak Hararge	-	-	-	-	-	257,223	24,628	135,818	17,901	78,876			
Bale	65,910	*	44,412	*	*	280,712	22,190	152,697	27,022	78,803			
Borena	1,125	-	871	*	-	63,225	5,259	22,945	8,142	26,878			
Debub Mirab Shewa	65,339	3,670	40,097	*	17,263	171,433	19,157	51,873	17,750	82,654			
Guji	123,436	8,161	63,974	8,471	42,830	76,531	7,812	27,157	*	29,878			
Mirab Guji	37,343	*	22,318	*	11,426	24,239	7,508	13,355	*	*			
Oromiya Liyu Zone	38,802	4,629	18,490	4,264	11,420	179,055	21,791	59,056	22,665	75,544			
Mirab Arsi	227,798	22,160	112,722	14,144	78,772	257,659	26,890	98,659	26,811	105,299			
Kelem Wollega	-	-	-	-	-	67,504	5,379	22,618	*	*			
Horo Guduru Wollega	26,508	3,977	9,257	*	10,507	101,067	15,970	36,697	11,311	37,088			
Buno Bedele	11,836	788	5,391	*	4,531	25,465	3,013	6,526	3,093	12,833			

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	< 3 Years	3 Yrs & more	
Somale	318,654	27,147	137,788	25,820	127,898	772,584	80,844	355,961	62,015	273,764			
Siti	46,222	5,314	12,083	5,513	23,311	17,022	1,605	9,060	1,310	5,046			
Fafan	25,241	*	*	*	13,172	79,373	13,216	37,750	4,776	23,632			
Jerer	4,587	-	*	*	*	54,489	3,836	35,098	2,276	13,279			
Erer	24,292	*	11,516	*	*	43,197	5,860	18,614	6,329	12,394			
Korahe	25,986	3,240	13,836	*	7,829	28,621	3,533	12,397	2,888	9,803			
Shebele	*	-	*	-	-	61,099	11,210	20,803	8,145	20,941			
Dollo	9,961	757	3,564	*	4,310	1,397	125	940	194	137			
Afder	9,411	*	7,215	*	1,375	182,942	11,562	79,407	11,365	80,608			
Liben	70,625	7,731	40,750	4,953	17,191	279,496	26,139	133,426	22,178	97,753			
Nogob	45,709	*	21,225	*	15,603	2,370	282	1,269	287	532			
Dawa	9,148	*	3,025	*	4,571	22,577	3,475	7,197	2,267	9,638			
Benshangul-Gumuz	372	*	*	*	204	62,584	7,015	37,408	5,260	12,901			
Metekel	*	-	*	-	*	21,108	2,877	7,909	2,924	7,398			
Asosa	*	-	*	*	*	32,924	2,634	24,378	1,857	4,055			
Kemeshi	2,823	*	2,190	-	*	7,474	*	4,713	*	*			
Mao Komo	*	-	*	-	-	1,078	152	408	194	325			
SNNP	930	-	582	*	*	818,595	59,480	356,873	68,228	334,013			
Gurage	39,712	*	7,440	*	27,496	122,201	8,600	51,823	15,397	46,381			
Hadiya	*	*	667	-	-	171,007	13,185	69,329	10,011	78,482			
Kembata Tembaro	-	-	-	-	-	54,961	3,935	42,327	*	7,746			
Sidama	-	-	-	-	-	69,612	*	54,981	*	10,505			
Gedeo	*	*	667	-	-	3,068	*	2,751	-	-			
Welayta	-	-	-	-	-	47,540	3,658	30,680	*	*			
Debub Omo	-	-	-	-	-	21,910	2,005	5,893	3,718	10,294			
Sheka	-	-	-	-	-	1,892	-	1,892	-	-			
Kefa	-	-	-	-	-	*	*	*	*	*			
Gamo Gofa	-	-	-	-	-	53,180	*	21,307	*	20,461			
Bench Maji	318,654	27,147	137,788	25,820	127,898	1,935	*	1,054	*	*			
Yem Liyu	46,222	5,314	12,083	5,513	23,311	5,357	352	1,427	*	3,023			
Segen Akababi Hizboch	25,241	*	*	*	13,172	41,117	4,013	23,377	4,207	9,520			
Alaba Special	4,587	-	*	*	*	54,358	3,918	11,329	6,736	32,376			
Dawro	24,292	*	11,516	*	*	4,870	*	3,816	*	462			
Basketo Special	25,986	3,240	13,836	*	7,829	1,065	*	*	*	693			
Konta Liyu	*	-	*	-	-	801	-	736	-	*			
Silite	9,961	757	3,564	*	4,310	155,075	10,712	28,771	14,035	101,556			
Gambela region	9,411	*	7,215	*	1,375	*	*	*	-	*			
Agnuwak	70,625	7,731	40,750	4,953	17,191	*	*	*	-	*			
Nuware	45,709	*	21,225	*	15,603	-	-	-	-	-			
Mezhenger	9,148	*	3,025	*	4,571	-	-	-	-	-			
Itang Special	372	*	*	*	204	-	-	-	-	-			
Harari	*	-	*	-	*	14,649	2,115	7,390	1,447	3,697			
Harari	*	-	*	*	*	14,649	2,115	7,390	1,447	3,697			
Dire Dawa Astedader	2,823	*	2,190	-	*	24,702	3,695	6,331	2,764	11,911			
Dire Dawa	*	-	*	-	-	24,702	3,695	6,331	2,764	11,911			

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	357,603	19,732	163,650	18,380	155,841	7,702,493	854,377	1,394,121	1,273,938	4,180,057
Tigray	8,078	-	6,093	-	1,985	46,436	*	44,532	-	*
Semen Mirab	*	-	*	-	*	18,423	-	18,423	-	-
Mehakelawi	*	-	*	-	*	11,345	*	10,499	-	-
Misrakawi	-	-	-	-	-	-	-	-	-	*
Debubawi	3,808	-	3,615	-	*	*	*	*	*	*
Mirabawi	*	-	*	-	*	6,603	-	6,603	-	-
Debub Misrak	*	-	*	-	*	*	*	*	*	-
Afar	*	-	-	-	*	1,162,311	124,436	213,796	191,908	632,170
Zone_1 (Awsiresu)	-	-	-	-	-	468,623	50,029	100,001	76,057	242,537
Zone_2 (Kelbetiresu)	*	-	-	-	*	146,511	13,584	15,235	32,592	85,100
Zone_3 (Gebiresu)	-	-	-	-	-	347,177	35,130	63,487	51,373	197,187
Zone_4 (Fentiresu)	-	-	-	-	-	49,206	5,877	5,644	6,946	30,739
Zone_5 (Hariresu)	-	-	-	-	-	150,794	19,815	29,430	24,941	76,608
Amhara	184,657	12,671	78,928	11,843	81,215	49,467	*	47,614	-	-
Semen Gonder	10,768	*	5,799	*	4,155	-	-	-	-	-
Debub Gonder	24,147	*	5,612	*	14,893	-	-	-	-	-
Semen Wello	15,962	-	3,669	3,034	9,258	*	-	*	-	-
Debub Wello	21,795	*	13,903	*	7,114	*	-	*	-	-
Semen Shewa	5,548	*	*	*	*	12,764	-	12,764	-	-
Misrak Gojjam	21,449	*	*	-	5,650	-	-	-	-	-
Mirab Gojjam	57,635	5,415	20,365	-	29,039	-	-	-	-	-
Waghimra	1,926	-	848	-	*	-	-	-	-	-
Awi	18,325	*	11,122	*	4,142	-	-	-	-	-
Oromiya Liyu Zone	*	-	-	-	*	11,273	*	9,420	-	-
Maekelawi Gonder	6,844	*	2,409	-	3,787	-	-	-	-	-
Mirab Gonder	*	-	*	-	*	-	*	*	-	-
Oromia	108,356	*	47,469	*	55,048	294,331	46,218	50,127	50,656	147,330
Mirab Wollega	*	-	*	-	*	-	-	-	-	-
Misrak Wollega	4,030	-	1,644	-	2,385	-	-	-	-	-
Ilu Ababor	4,815	-	3,118	*	1,381	-	-	-	-	-
Jimma	22,291	*	6,154	*	12,248	-	-	-	-	-
Mirab Shewa	7,143	*	*	-	*	-	-	-	-	-
Semen Shewa	*	-	-	-	*	-	-	-	-	-
Misrak Shewa	4,516	-	4,516	-	*	*	*	*	*	*
Arsi	28,275	-	8,399	-	19,876	*	*	*	*	*
Mirab Hararghe	*	-	-	-	*	*	*	*	*	*
Mierak Hararge	-	-	-	-	*	*	*	*	*	*
Bale	12,801	-	10,340	-	2,461	123,113	22,309	20,657	21,896	58,251
Borena	*	-	*	-	*	88,066	10,065	14,825	14,488	48,687
Debub Mirab Shewa	4,845	-	*	*	2,417	-	-	-	-	-
Guji	*	-	*	-	*	*	*	*	*	*
Mirab Guji	*	-	-	-	*	-	-	-	-	-
Oromiya Liyu Zone	3,893	-	*	-	*	-	-	-	-	-
Mirab Arsi	*	-	*	-	*	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	2,896	*	*	*	*	-	-	-	-	-
Buno Bedele	568	-	*	-	*	-	-	-	-	-

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	529		398		131	6,132,352	677,766	1,034,325	1,029,844	3,390,417
Siti	-		-		-	13,711	2,181	2,958	2,347	6,226
Fafan	*		*		-	278,339	36,224	54,805	56,102	131,207
Jerer	-		-		-	1,789,314	207,635	460,800	211,745	909,134
Erer	-		-		-	602,151	52,107	121,500	130,088	298,456
Korahe	-		-		-	379,471	61,351	72,091	79,843	166,186
Shebele	261		131		131	230,168	23,885	43,321	24,557	138,404
Dollo	-		-		-	373,170	54,917	32,873	68,380	216,999
Afder	-		-		-	680,613	61,988	71,917	104,599	442,108
Liben	-		-		-	1,497,787	147,216	144,031	292,463	914,078
Nogob	-		-		-	56,596	5,816	9,275	14,698	26,807
Dawa	-		-		-	231,033	24,447	20,753	45,021	140,811
Benshangul-Gumuz	2,705		1,593		*	*	-	-	-	-
Metekel	-		-		-	-	-	-	-	-
Asosa	2,670		1,575		*	*	-	-	-	-
Kemeshi	-		-		-	-	-	-	-	-
Mao Komo	*		*		*	-	-	-	-	-
SNNP	52,679	4,222	28,996	3,320	16,141	-	-	-	-	-
Gurage	2,988	*	*	*	*	-	-	-	-	-
Hadiya	4,605	*	3,466	-	*	-	-	-	-	-
Kembata Tembaro	*	-	*	-	*	-	-	-	-	-
Sidama	*	-	-	-	*	*	-	-	-	-
Gedeo	1,970	*	1,192	-	*	-	-	-	-	-
Welayta	*	*	*	*	*	*	*	*	-	-
Debub Omo	2,591		1,047	*	1,375	-	-	-	-	-
Sheka	*		*	-	*	-	-	-	-	-
Kefa	11,066	*	5,536	-	4,519	-	-	-	-	-
Gamo Gofa	11,773	*	6,169	*	3,835	-	-	-	-	-
Bench Maji	*	*	*	*	*	-	-	-	-	-
Yem Liyu	*		*	-	*	-	-	-	-	-
Segen Akababi Hizboch	*		*	-	-	-	-	-	-	-
Alaba Special	-		-	-	-	-	-	-	-	-
Dawro	4,155	*	2,919	*	881	-	-	-	-	-
Basketo Special	335		162	-	173	-	-	-	-	-
Konta Liyu	*		*	-	*	-	-	-	-	-
Silite	*		*	-	*	-	-	-	-	-
Gambela region	*	*	*	-	*	-	-	-	-	-
Agnuwak	-		-	-	-	-	-	-	-	-
Nuware	-		-	-	-	-	-	-	-	-
Mezhenger	*	*	*	-	*	-	-	-	-	-
Itang Special	-		-	-	-	-	-	-	-	-
Harari	-		-	-	-	*	*	*	*	*
Harari	-		-	-	-	*	*	*	*	*
Dire Dawa Astedader	-		-	-	-	16,862	2,037	3,543	1,530	9,752
Dire Dawa	-		-	-	-	16,862	2,037	3,543	1,530	9,752

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	39,723,663	14,692,345	632,647	1,406,33	462,335	7,150,187	280,560	107,546	14,313,927	677,780
Tigray	3,090,846	1,487,037	3,606	46,400	15,025	171,260	15,158	*	1,333,678	18,270
Semen Mirab	1,259,024	569,511	-	25,249	9,755	75,687	*	-	570,316	*
Mehakelawi	482,803	282,167	*	3,583	*	15,728	*	-	170,049	*
Misrakawi	300,146	149,966	*	5,121	*	21,248	*	-	118,807	*
Debubawi	257,447	132,408	*	2,427	*	2,511	2,295	*	115,155	*
Mirabawi	452,730	149,026	*	9,218	-	37,415	*	*	254,778	*
Debub Misrak	338,696	203,959	*	*	*	18,671	*	-	104,573	5,140
Afar	1,093,750	33,495	*	129,380	*	172,330	-	*	756,670	*
Zone_1 (Awsiresu)	532,032	*	-	58,508	*	70,586	-	-	388,120	-
Zone_2 (Kelbetiresu)	34,869	3,636	*	4,249	*	1,847	-	-	24,526	*
Zone_3 (Gebiresu)	347,114	*	*	43,956	-	76,353	*	*	211,491	-
Zone_4 (Fentiresu)	30,256	*	-	1,407	-	4,060	-	-	24,644	*
Zone_5 (Hariresu)	149,480	*	-	21,260	-	19,485	-	-	107,889	-
Amhara	10,336,836	5,132,503	76,512	96,429	120,311	525,918	235,006	35,915	3,977,266	136,976
Semen Gonder	456,680	233,937	*	3,060	*	36,811	*	2,742	169,026	*
Debub Gonder	1,177,794	582,262	3,589	5,933	9,750	17,212	35,028	*	517,637	5,478
Semen Wello	562,349	280,478	-	*	3,489	17,778	18,019	*	229,932	7,731
Debub Wello	1,222,927	719,172	*	*	*	47,511	*	*	416,737	*
Semen Shewa	1,034,805	639,363	7,534	5,319	11,733	39,911	*	3,132	312,004	9,633
Misrak Gojjam	1,395,159	706,317	17,384	12,148	12,388	66,692	*	5,712	467,567	13,376
Mirab Gojjam	1,631,924	767,148	22,222	13,455	27,583	114,912	25,043	8,163	625,762	*
Waghimra	258,261	117,780	*	3,669	5,034	7,072	7,792	*	110,107	6,121
Awi	692,988	248,180	*	*	13,885	47,881	17,745	*	310,728	17,283
Oromiya Liyu Zone	191,945	80,981	*	*	*	25,300	-	*	78,006	*
Maekelawi Gonder	1,536,032	708,945	7,652	22,554	18,177	88,298	*	5,597	642,776	*
Mirab Gonder	175,973	47,938	*	6,861	1,621	16,542	*	*	96,985	*
Oromia	15,099,039	6,077,788	302,789	292,487	176,627	2,783,410	22,024	47,188	5,149,897	246,829
Mirab Wollega	712,376	234,923	25,977	11,185	*	*	*	*	407,918	7,208
Misrak Wollega	644,420	252,093	5,771	16,441	5,321	*	*	*	338,687	*
Ilu Ababor	525,902	181,833	9,901	*	2,785	121,730	*	-	196,373	7,796
Jimma	1,551,029	674,358	11,137	*	29,190	313,739	*	*	462,881	43,247
Mirab Shewa	1,341,348	597,544	17,201	23,418	22,885	102,101	*	*	552,231	22,693
Semen Shewa	836,077	430,879	13,053	7,410	13,700	109,792	*	*	239,532	19,208
Misrak Shewa	641,271	343,268	*	8,227	4,162	101,905	-	*	166,103	*
Arsi	1,696,707	858,066	25,402	17,478	*	397,979	*	*	377,446	*
Mirab Hararghe	620,345	184,950	63,225	7,971	*	113,322	*	*	240,213	5,960
Mierak Hararge	563,360	89,007	31,055	18,286	-	38,044	-	*	385,827	-
Bale	1,010,258	405,268	6,213	10,814	13,774	309,975	-	*	245,834	17,967
Borena	361,211	29,517	15,529	42,224	9,467	108,166	*	*	110,806	*
Debub Mirab Shewa	700,784	345,643	7,068	6,548	12,028	124,914	*	2,142	191,517	*
Guji	850,946	264,199	15,731	50,999	*	154,249	*	*	343,405	*
Mirab Guji	252,920	64,678	5,813	17,243	*	37,232	*	*	123,617	-
Oromiya Liyu Zone	555,788	255,332	7,606	8,532	8,864	152,450	*	*	118,105	*
Mirab Arsi	1,153,982	386,459	*	19,848	*	483,437	-	*	202,243	16,373
Kelem Wollega	371,030	188,014	4,803	-	-	*	*	*	122,898	*
Horo Guduru Wollega	442,632	188,624	3,634	5,575	7,114	14,444	*	*	213,225	4,023
Buno Bedele	266,653	103,134	*	*	3,773	39,844	-	*	111,034	5,519

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	1,999,071	40,301	139,294	207,248	27,541	364,825	*	5,772	1,183,221	29,743
Siti	21,619	*	414	3,393	-	5,841	-	*	10,587	-
Fafan	253,450	31,246	17,134	28,419	*	60,762	-	1,848	113,724	*
Jerer	115,170	*	30,780	5,231	-	17,545	-	*	59,254	-
Erer	281,475	221	67,827	11,352	1,877	61,481	-	94	137,588	1,036
Korahe	82,545	365	10,329	12,730	391	9,071	-	-	49,546	113
Shebele	272,766	-	9,697	12,639	23,385	83,955	-	901	117,034	25,156
Dollo	22,320	-	-	4,969	-	4,055	-	-	13,297	-
Afder	360,015	-	-	62,355	-	48,833	-	-	248,826	-
Liben	492,652	4,514	*	53,170	*	62,725	*	*	367,774	-
Nogob	14,521	-	2,701	1,569	-	725	-	-	9,526	-
Dawa	82,538	743	*	11,420	1,144	9,832	-	-	56,066	3,304
Benshangul-Gumuz	364,951	121,641	2,707	20,036	*	54,589	5,786	*	154,933	*
Metekel	42,092	8,549	*	*	*	*	2,196	-	27,344	*
Asosa	298,485	105,511	*	17,288	*	51,363	3,309	*	115,423	*
Kemeshi	18,944	5,416	*	*	*	1,810	*	-	9,901	*
Mao Komo	5,430	2,165	*	*	*	713	*	*	2,266	*
SNNP	7,482,405	1,787,098	91,180	*	119,496	3,066,969	1,232	16,500	1,569,877	242,753
Gurage	601,378	127,361	*	7,923	15,135	337,179	-	*	72,270	40,237
Hadiya	591,712	209,622	*	7,774	15,624	298,682	-	-	18,376	41,192
Kembata Tembaro	240,135	68,430	951	*	3,598	141,739	-	-	4,918	17,971
Sidama	1,288,635	68,283	14,050	63,138	8,215	604,212	-	*	507,132	17,850
Gedeo	74,735	6,131	27,591	3,230	*	8,753	-	*	27,294	*
Welayta	528,425	173,005	*	8,050	20,562	265,349	-	*	21,414	37,080
Debub Omo	*	80,973	*	*	3,405	197,992	-	*	*	3,128
Sheka	81,462	25,112	1,932	*	*	23,470	-	*	28,970	*
Kefa	617,113	229,780	18,272	10,227	*	213,864	*	*	141,173	*
Gamo Gofa	817,721	256,940	6,146	13,942	19,170	453,947	-	*	38,764	25,159
Bench Maji	211,254	85,083	*	*	-	92,930	*	*	28,607	*
Yem Liyu	55,207	26,220	207	398	1,008	5,047	-	-	20,542	1,786
Segen Akababi Hizboch	311,213	136,290	8,698	6,930	10,621	67,908	*	*	74,717	*
Alaba Special	117,681	49,118	*	1,200	1,584	48,144	*	*	13,954	2,728
Dawro	173,527	56,504	481	1,271	7,176	84,337	*	*	*	21,649
Basketo Special	30,909	10,865	*	859	1,212	12,825	-	*	2,363	2,567
Konta Liyu	69,454	29,794	*	*	1,469	30,669	-	*	1,034	4,037
Silite	394,006	147,587	*	5,518	8,850	179,924	-	-	30,565	21,242
Gambela region	188,041	2,410	12,499	23,816	-	*	-	*	147,443	-
Agnuwak	4,349	2,026	*	*	-	*	-	*	1,868	-
Nuware	162,255	-	12,372	20,493	-	*	-	-	128,022	-
Mezhenger	7,860	384	*	-	-	*	-	-	7,077	-
Itang Special	13,577	-	-	3,101	-	-	-	-	10,476	-
Harari	34,756	4,242	2,063	1,338	1,280	3,887	-	-	21,145	*
Harari	34,756	4,242	2,063	1,338	1,280	3,887	-	-	21,145	*
Dire Dawa Astedader	33,968	5,831	1,063	1,903	-	5,148	*	-	19,796	-
Dire Dawa	33,968	5,831	1,063	1,903	-	5,148	*	-	19,796	-

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	20,952,065	1,317,058	*	2,109,143	144,804	121,969	8,352	17,039,317	207,624
Tigray	1,102,009	6,863	-	115,167	10,769	2,511	263	960,393	6,043
Semen Mirab	220,429	-	-	23,376	*	-	-	189,770	1,846
Mehakelawi	300,513	*	-	39,730	*	1,060	-	255,508	-
Misrakawi	309,996	*	-	15,080	*	-	-	288,522	1,682
Debubawi	98,348	*	-	10,638	*	817	-	85,519	-
Mirabawi	54,360	-	-	1,690	*	-	263	52,274	-
Debub Misrak	118,363	*	-	24,653	*	634	-	88,802	2,514
Afar	2,163,326	5,779	-	334,643	*	2,370	381	1,817,386	972
Zone_1 (Awsiresu)	1,090,149	-	-	165,063	-	-	-	925,086	-
Zone_2 (Kelbetiresu)	161,823	*	-	17,782	*	-	-	140,892	922
Zone_3 (Gebiresu)	567,318	5,199	-	107,653	-	2,370	-	452,096	-
Zone_4 (Fentiresu)	150,937	-	-	9,603	*	-	381	140,756	50
Zone_5 (Hariresu)	193,098	-	-	34,542	-	-	-	158,556	-
Amhara	5,611,145	276,705	*	380,208	44,863	12,758	2,561	4,873,696	19,117
Semen Gonder	274,601	4,017	-	21,437	*	2,292	-	244,487	1,137
Debub Gonder	618,667	26,718	-	27,406	*	-	-	562,140	626
Semen Wello	596,197	45,208	*	56,015	*	2,707	1,781	484,726	2,543
Debub Wello	802,695	*	-	105,111	13,897	817	-	658,694	5,020
Semen Shewa	1,075,151	106,145	*	89,229	13,926	1,238	780	859,360	4,083
Misrak Gojjam	654,993	19,482	-	19,239	*	1,875	-	611,088	1,660
Mirab Gojjam	713,166	19,359	-	13,251	6,721	-	-	671,335	2,499
Waghimra	117,307	3,189	-	11,248	*	457	-	101,595	-
Awi	236,036	*	-	5,542	*	2,657	-	220,720	-
Oromiya Liyu Zone	43,271	*	-	4,891	*	676	-	31,234	144
Mackelawi Gonder	464,069	*	-	25,355	*	38	-	416,430	1,344
Mirab Gonder	14,991	*	-	1,483	*	-	-	11,889	60
Oromia	4,447,224	306,879	*	309,505	51,255	29,234	3,495	3,688,671	55,899
Mirab Wollega	163,851	7,412	-	16,942	*	4,810	501	129,318	3,297
Misrak Wollega	124,758	7,102	-	5,886	*	1,153	-	107,567	460
Ilu Ababor	120,092	*	-	4,140	*	890	-	111,940	1,096
Jimma	325,844	11,718	-	21,027	4,808	-	-	287,605	686
Mirab Shewa	484,811	12,152	-	8,358	*	3,117	562	449,691	5,465
Semen Shewa	524,071	43,565	-	32,886	*	3,648	-	439,568	1,557
Misrak Shewa	213,062	*	-	17,151	*	1,133	388	173,915	342
Arsi	642,000	*	*	59,958	*	2,876	-	500,481	3,679
Mirab Hararghe	70,205	5,739	-	2,698	-	543	-	61,225	-
Mierak Hararge	161,219	12,724	-	4,499	*	659	-	142,623	-
Bale	148,270	*	-	11,462	-	-	-	128,784	4,838
Borena	149,824	12,151	*	33,583	*	2,672	481	87,655	8,747
Debub Mirab Shewa	121,960	5,981	-	*	2,903	-	-	107,305	1,789
Guji	192,565	*	-	21,103	*	3,862	1,563	159,277	736
Mirab Guji	89,747	*	-	11,872	*	465	-	72,417	562
Oromiya Liyu Zone	224,230	10,325	-	5,974	-	366	-	207,564	-
Mirab Arsi	395,317	11,454	-	37,930	5,814	2,885	-	317,655	19,579
Kelem Wollega	166,147	*	-	*	-	-	-	84,810	2,522
Horo Guduru Wollega	73,115	*	-	1,251	*	156	-	66,928	-
Buno Bedele	56,137	2,833	-	*	-	-	-	52,342	545

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	5,082,800	608,857	243	599,701	12,182	65,003	886	3,734,067	61,861
Siti	30,048	1,847	-	3,976	-	565	-	23,660	-
Fafan	614,060	40,834	-	118,797	-	26,733	-	427,696	-
Jerer	1,676,189	439,663	-	69,576	*	18,340	-	1,147,364	408
Erer	278,280	66,068	-	13,029	735	440	515	187,490	10,004
Korahe	219,394	26,432	243	36,457	1,035	765	-	151,704	2,758
Shebele	262,589	17,085	-	28,491	9,215	1,270	371	159,558	46,599
Dollo	231,066	4,614	-	36,772	-	-	-	189,035	646
Afder	858,731	*	-	152,427	-	5,418	-	696,318	-
Liben	821,662	*	-	124,385	-	11,419	-	680,117	-
Nogob	14,999	1,991	-	3,099	-	-	-	9,909	-
Dawa	75,781	*	-	12,691	*	52	-	61,217	1,446
Benshangul-Gumuz	28,315	1,015	-	3,221	*	-	-	23,790	77
Metekel	5,570	*	-	*	-	-	-	4,355	-
Asosa	17,240	*	-	*	-	-	-	14,746	-
Kemeshi	2,765	*	-	*	*	-	-	2,294	-
Mao Komo	2,739	*	-	141	*	-	-	2,395	77
SNNP	2,461,010	108,074	*	359,694	23,161	10,047	766	1,895,827	63,409
Gurage	146,116	3,432	-	16,525	*	-	-	122,544	2,628
Hadiya	104,309	*	-	8,069	*	1,298	-	85,868	7,209
Kembata Tembaro	26,531	7,097	-	1,938	*	-	-	17,014	251
Sidama	249,016	*	-	20,863	-	1,097	-	220,835	-
Gedo	120,852	11,485	-	7,796	*	-	-	95,385	4,217
Welayta	72,028	*	-	8,343	*	-	408	53,680	6,303
Debub Omo	*	*	-	*	*	2,047	-	390,763	592
Sheka	27,850	1,170	-	*	*	269	-	25,566	100
Kefa	320,440	25,917	-	21,662	*	2,543	317	252,469	7,615
Gamo Gofa	273,820	3,505	-	18,965	*	501	-	235,589	13,216
Bench Maji	91,184	3,215	-	4,799	*	516	-	79,276	1,611
Yem Liyu	10,193	*	*	*	*	-	-	9,011	135
Segen Akababi Hizboch	149,489	25,787	-	15,390	*	1,457	-	105,680	459
Alaba Special	30,246	-	-	1,533	*	-	-	23,670	4,820
Dawro	29,609	4,244	-	1,245	*	273	-	19,656	4,059
Basketo Special	9,073	*	-	951	*	47	40	6,873	934
Konta Liyu	9,677	*	-	3,972	-	-	-	4,548	77
Silite	174,486	*	-	14,556	2,364	-	-	147,399	9,185
Gambela region	22,728	1,653	-	4,335	-	16	-	16,724	-
Agnuwak	*	*	-	*	-	16	-	92	-
Nuware	13,922	*	-	3,486	-	-	-	10,011	-
Mezhenger	6,423	1,197	-	441	-	-	-	4,786	-
Itang Special	*	-	-	*	-	-	-	1,835	-
Harari	2,253	*	-	*	*	-	-	1,834	102
Harari	2,253	*	-	*	*	-	-	1,834	102
Dire Dawa Astedader	31,256	1,127	-	2,563	*	30	-	26,929	143

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	26,526,035	1,716,633	3,115,838	219,728	117,311	2,321,624	18,854,779	180,122
Tigray	2,351,049	33,187	277,363	57,332	*	30,616	1,941,096	7,833
Semen Mirab	1,145,059	*	113,232	*	*	*	970,471	*
Mehakelawi	596,010	7,824	93,345	*	-	*	477,615	*
Misrakawi	93,874	*	12,935	*	-	*	75,052	-
Debubawi	79,485	1,985	6,849	*	-	-	69,694	*
Mirabawi	259,444	5,078	30,180	*	*	*	215,358	*
Debub Misrak	177,177	*	20,822	*	-	*	132,906	*
Afar	4,803,232	30,514	695,190	*	8,098	641,975	3,415,913	*
Zone_1 (Awsiresu)	2,007,769	*	338,522	-	-	303,849	1,364,936	-
Zone_2 (Kelbetiresu)	995,973	*	80,453	*	*	58,517	833,563	*
Zone_3 (Gebiresu)	968,287	18,106	158,628	-	7,533	182,845	601,176	-
Zone_4 (Fentiresu)	302,046	248	19,919	*	*	27,559	253,955	-
Zone_5 (Hariresu)	529,156	-	97,668	-	-	69,205	362,283	-
Amhara	3,289,812	346,583	367,034	58,839	28,893	21,211	2,436,368	30,884
Semen Gonder	275,855	7,688	31,742	*	*	*	222,320	*
Debub Gonder	399,361	47,240	32,627	5,025	*	-	308,936	*
Semen Wello	271,769	19,435	21,068	-	*	-	227,211	*
Debub Wello	679,460	43,362	115,141	24,992	-	-	484,798	11,167
Semen Shewa	433,637	126,889	49,356	*	*	-	251,613	-
Misrak Gojjam	110,380	*	*	-	*	-	94,096	-
Mirab Gojjam	94,601	*	*	*	-	-	82,591	-
Waghimra	309,487	11,625	36,366	4,030	*	*	244,347	*
Awj	*	*	*	*	*	-	*	*
Oromiya Liyu Zone	80,827	*	10,287	-	*	*	61,697	-
Maekelawi Gonder	428,094	27,497	34,915	*	*	*	338,980	*
Mirab Gonder	69,985	5,040	5,171	1,579	2,648	-	54,293	1,253
Oromia	3,376,236	263,330	250,542	41,754	19,538	412,634	2,337,712	50,727
Mirab Wollega	47,843	*	*	*	*	*	30,213	*
Misrak Wollega	89,335	*	4,867	*	*	-	68,161	*
Ilu Ababor	44,473	2,395	2,581	-	*	*	38,005	*
Jimma	221,993	*	*	*	-	-	210,033	*
Mirab Shewa	135,699	*	8,231	*	*	-	96,759	*
Semen Shewa	73,065	4,389	5,835	*	-	-	61,243	-
Misrak Shewa	143,541	3,497	15,069	*	*	22,274	98,834	*
Arsi	353,911	*	*	*	*	88,573	192,891	*
Mirab Hararghe	485,945	71,287	27,469	*	*	59,430	325,679	*
Mierak Hararge	483,881	72,553	11,035	*	-	*	371,360	-
Bale	472,100	16,319	43,804	5,424	*	112,455	291,207	*
Borena	242,919	16,756	35,047	*	4,300	69,747	97,765	*
Debub Mirab Shewa	112,124	3,108	5,431	*	-	-	97,954	*
Guji	130,743	-	24,511	-	*	*	100,535	-
Mirab Guji	*	*	*	*	*	*	*	*
Oromiya Liyu Zone	24,614	*	*	*	*	-	20,824	-
Mirab Arsi	102,740	*	*	*	-	18,798	68,911	*
Kelem Wollega	40,835	*	*	-	-	-	33,578	-
Horo Guduru Wollega	77,908	2,038	12,948	-	-	-	62,604	*
Buno Bedele	43,345	1,586	1,018	*	*	*	39,999	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	9,849,121	913,746	936,120	31,029	51,923	927,738	6,949,895	38,668
Siti	175,363	3,633	27,430	-	1,658	43,686	98,955	-
Fafan	341,146	23,160	73,444	-	3,360	80,231	160,951	-
Jerer	2,300,378	648,823	60,924	*	3,902	111,707	1,473,616	*
Erer	420,936	104,387	15,432	1,007	-	58,186	240,750	1,175
Korahe	290,262	33,748	48,219	5,786	1,640	44,345	154,890	1,634
Shebele	618,761	74,424	56,408	21,428	3,851	96,796	346,116	19,737
Dollo	423,423	676	73,492	161	-	134,388	214,706	-
Afder	2,224,802	*	255,516	-	10,453	222,751	1,730,538	-
Liben	2,757,807	*	286,326	*	*	*	2,302,712	*
Nogob	28,615	5,036	4,447	-	-	1,920	17,211	-
Dawa	267,627	*	34,481	959	*	*	209,449	5,536
Benshangul-Gumuz	183,558	8,557	20,699	*	618	*	148,512	*
Metekel	87,155	4,354	8,180	*	*	*	70,016	*
Asosa	62,585	*	9,779	-	*	*	48,672	*
Kemeshi	29,523	*	*	*	-	-	26,286	-
Mao Komo	4,296	*	625	*	-	-	3,538	*
SNNP	2,420,769	101,790	*	21,496	*	269,652	1,435,790	47,068
Gurage	53,316	*	*	*	-	*	40,854	*
Hadiya	98,804	*	11,825	*	*	*	74,150	*
Kembata Tembaro	29,240	*	*	*	-	2,135	23,587	*
Sidama	144,046	14,591	*	-	-	24,499	93,301	-
Gedeo	5,061	-	-	-	-	*	4,779	-
Welayta	97,032	*	*	*	-	*	68,775	*
Debub Omo	*	*	*	*	-	173,488	*	3,783
Sheka	7,342	*	*	-	-	-	6,977	-
Kefa	96,146	7,689	3,368	*	-	-	84,772	-
Gamo Gofa	198,648	4,558	13,926	*	-	*	130,647	*
Bench Maji	51,512	*	*	*	-	*	37,988	*
Yem Liyu	21,368	*	1,180	*	-	-	19,697	*
Segen Akababi Hizboch	262,553	27,260	42,339	*	*	*	182,714	*
Alaba Special	47,213	*	1,951	*	-	12,862	27,152	3,405
Dawro	24,674	3,124	3,312	*	*	*	16,713	732
Basketo Special	6,157	*	413	-	-	-	5,194	*
Konta Liyu	11,230	*	1,322	552	-	*	6,592	*
Silite	101,836	*	*	*	-	13,967	74,441	*
Gambela region	71,431	4,891	10,949	-	-	*	55,467	*
Agnuwak	3,302	*	608	-	-	-	2,617	-
Nuware	59,035	4,637	8,777	-	-	*	45,540	-
Mezhenger	2,996	*	367	-	-	-	2,409	*
Itang Special	6,097	-	1,197	-	-	-	4,900	-
Harari	51,042	6,442	4,009	*	*	1,274	38,156	*
Harari	51,042	6,442	4,009	*	*	1,274	38,156	*
Dire Dawa Astedader	129,786	7,593	12,964	*	*	*	95,870	*
Dire Dawa	129,786	7,593	12,964	*	*	*	95,870	*

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	1,715,849	741,135	121,758	16,907	611,306	126,374	98,369
Tigray	2,558	2,001	-	-	*	-	-
Semen Mirab	-	-	-	-	-	-	-
Mehakelawi	-	-	-	-	-	-	-
Misrakawi	*	*	-	-	-	-	-
Debubawi	*	*	-	-	-	-	-
Mirabawi	*	*	-	-	*	-	-
Debub Misrak	*	*	-	-	-	-	-
Afar	*	*	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	*	*	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-
Amhara	387,081	61,606	109,233	*	77,872	96,975	37,048
Semen Gonder	33,511	*	14,846	-	3,815	7,362	*
Debub Gonder	33,619	*	*	*	*	*	*
Semen Wello	32,411	*	6,611	-	1,886	19,543	*
Debub Wello	25,838	4,696	*	*	*	*	*
Semen Shewa	80,236	12,059	*	-	43,341	*	*
Misrak Gojjam	68,833	23,940	*	-	14,958	*	10,745
Mirab Gojjam	*	*	*	*	*	*	*
Waghimra	-	-	-	-	-	-	-
Awj	73,079	5,550	35,357	*	*	28,301	*
Oromiya Liyu Zone	-	-	-	-	-	-	-
Maekelawi Gonder	14,675	*	*	*	*	*	*
Mirab Gonder	-	-	-	-	-	-	-
Oromia	1,057,599	545,703	9,170	*	430,583	18,794	45,668
Mirab Wollega	*	-	-	-	*	-	-
Misrak Wollega	*	*	-	-	*	-	*
Ilu Ababor	36,645	11,754	-	-	22,833	-	*
Jimma	53,891	23,064	-	*	15,560	-	*
Mirab Shewa	192,781	81,427	*	-	82,463	*	16,564
Semen Shewa	50,453	12,746	-	-	34,160	*	*
Misrak Shewa	10,092	9,111	-	*	*	-	-
Arsi	201,285	95,840	-	-	102,625	-	*
Mirab Hararghe	*	-	-	-	*	-	-
Mierak Hararge	-	-	-	-	-	-	-
Bale	57,265	44,119	-	*	*	-	*
Borena	871	871	-	-	-	-	-
Debub Mirab Shewa	57,360	38,354	*	-	15,123	-	*
Guji	106,804	62,411	*	-	39,928	-	*
Mirab Guji	33,744	22,318	-	-	11,426	-	-
Oromiya Liyu Zone	29,910	17,859	*	-	7,780	*	*
Mirab Arsi	191,494	110,706	*	-	70,741	*	*
Kelem Wollega	-	-	-	-	-	-	-
Horo Guduru Wollega	19,764	9,097	*	-	9,150	-	*
Buno Bedele	9,922	5,391	-	-	2,765	-	*

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	-	-	-	-	-	-	-
Siti	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-
Dawa	-	*	*	*	*	*	*
Benshangul-Gumuz	*	*	*	*	*	*	*
Metekel	-	-	-	-	-	-	-
Asosa	-	*	*	*	*	*	*
Kemeshi	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	265,686	129,809	3,355	4,624	101,641	10,605	15,653
Gurage	35,394	11,792	-	*	19,610	-	*
Hadiya	23,286	*	-	*	9,695	-	*
Kembata Tembaro	4,360	*	-	-	*	-	*
Sidama	20,047	11,516	-	-	*	-	*
Gedeo	21,665	13,422	-	*	*	-	*
Welayta	*	*	-	-	-	-	-
Debub Omo	7,874	2,467	*	-	1,775	2,535	-
Sheka	8,589	6,678	-	*	*	-	*
Kefa	57,941	40,115	*	*	14,507	-	*
Gamo Gofa	36,828	17,578	*	*	*	-	*
Bench Maji	7,596	3,025	-	-	4,353	-	*
Yem Liyu	297	*	-	-	204	-	-
Segen Akababi Hizboch	*	*	-	-	*	-	-
Alaba Special	*	*	-	-	*	-	-
Dawro	2,465	2,190	-	-	*	-	-
Basketo Special	*	*	-	-	-	-	-
Konta Liyu	874	554	-	*	*	-	-
Silite	34,937	7,110	*	-	26,852	-	*
Gambela region	667	*	-	*	-	-	-
Agnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	*	-	*	-	-	-
Itang Special	667	*	-	*	-	-	-
Harari	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Dire Dawa Astedader	-	-	-	-	-	-	-
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	7,745,462	3,117,661	462,257	129,306	3,335,945	514,470	185,822
Tigray	725,229	346,500	55,392	13,029	285,453	21,009	3,847
Semen Mirab	212,837	109,119	-	-	103,718	-	-
Mehakelawi	148,828	66,131	*	*	57,005	*	*
Misrakawi	116,685	58,280	15,344	*	34,469	6,356	*
Debubawi	51,717	14,854	*	-	30,274	*	-
Mirabawi	62,049	40,816	-	-	20,704	*	*
Debub Misrak	133,113	57,300	20,005	*	39,283	*	*
Afar	260,689	136,685	-	-	121,016	-	*
Zone_1 (Awsiresu)	108,393	53,229	-	-	53,077	-	*
Zone_2 (Kelbetiresu)	52,748	41,071	-	-	11,239	-	*
Zone_3 (Gebiresu)	54,399	26,601	-	-	27,334	-	*
Zone_4 (Fentiresu)	14,545	5,976	-	-	8,569	-	-
Zone_5 (Hariresu)	30,604	9,808	-	-	20,797	-	-
Amhara	2,535,236	788,939	222,970	42,635	1,067,295	334,326	79,071
Semen Gonder	125,344	47,103	*	*	59,906	*	*
Debub Gonder	279,868	56,772	39,002	*	114,952	48,342	17,754
Semen Wello	202,388	77,582	*	*	112,010	*	*
Debub Wello	429,760	144,932	*	*	210,682	31,416	*
Semen Shewa	414,668	158,249	11,656	*	154,306	*	26,006
Misrak Gojjam	307,622	69,514	76,011	*	77,702	77,859	4,537
Mirab Gojjam	263,308	36,524	32,313	*	115,791	73,298	*
Waghimra	100,539	50,548	4,885	-	40,017	*	*
Awi	62,164	33,034	*	-	21,821	*	*
Oromiya Liyu Zone	33,190	11,658	-	*	18,685	*	1,515
Maekelawi Gonder	289,567	90,376	*	*	140,168	39,047	*
Mirab Gonder	26,817	12,648	10,676	*	*	*	*
Oromia	2,823,900	1,164,403	135,945	38,648	1,291,617	132,652	60,636
Mirab Wollega	125,398	35,262	-	-	86,918	-	*
Misrak Wollega	91,532	22,367	18,412	*	47,504	*	*
Ilu Ababor	31,328	20,251	-	*	6,407	-	*
Jimma	152,298	62,946	19,734	*	47,856	-	*
Mirab Shewa	163,463	45,170	-	*	108,151	*	*
Semen Shewa	213,725	40,334	25,995	*	76,467	66,978	*
Misrak Shewa	213,442	97,894	*	*	94,036	*	*
Arsi	451,867	205,786	-	*	243,109	-	*
Mirab Hararghe	190,363	85,589	*	-	97,403	*	-
Mierak Hararge	214,694	119,528	*	*	73,768	-	*
Bale	231,500	135,345	*	*	75,498	-	*
Borena	49,824	21,856	*	*	18,964	*	*
Debub Mirab Shewa	134,526	39,283	*	-	48,850	30,156	*
Guji	57,036	27,157	-	-	29,878	-	-
Mirab Guji	16,442	12,813	-	*	*	-	-
Oromiya Liyu Zone	134,600	44,659	14,396	-	55,507	19,176	*
Mirab Arsi	203,958	97,235	*	*	102,470	*	*
Kelem Wollega	54,760	22,618	-	-	*	-	*
Horo Guduru Wollega	73,785	22,086	14,429	*	36,044	-	1,044
Buno Bedele	19,359	6,223	-	*	9,720	*	2,961

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	629,725	352,803	1,392	1,766	259,685	716	13,363
Siti	14,106	9,060	-	-	4,909	-	*
Fafan	61,382	37,583	*	*	22,109	-	1,523
Jerer	48,377	35,025	*	-	13,031	*	*
Erer	31,008	18,422	-	192	10,877	629	888
Korahe	22,200	10,809	1,094	494	7,806	-	1,997
Shebele	41,744	20,201	131	472	15,692	-	5,249
Dollo	1,077	940	-	-	137	-	-
Afder	160,015	78,974	-	*	77,432	-	*
Liben	231,179	133,426	-	-	97,753	-	-
Nogob	1,801	1,269	-	-	490	-	43
Dawa	16,835	7,093	-	*	9,449	*	*
Benshangul-Gumuz	50,309	13,810	16,007	7,591	5,874	4,146	2,881
Metekel	15,307	4,687	2,401	*	4,731	*	*
Asosa	28,433	6,467	11,920	*	*	1,980	*
Kemeshi	5,836	*	*	*	*	-	*
Mao Komo	733	207	142	*	193	*	*
SNNP	690,886	303,751	27,596	25,526	290,610	20,554	22,848
Gurage	98,204	42,601	-	*	39,465	-	*
Hadiya	147,811	64,024	-	*	76,740	-	*
Kembata Tembaro	50,073	41,564	-	*	*	-	*
Sidama	65,486	53,821	-	*	9,199	-	*
Gedeo	2,751	2,467	-	*	-	-	-
Welayta	40,303	24,748	*	5,541	*	-	*
Debub Omo	16,187	3,236	2,657	-	7,156	2,591	*
Sheka	1,892	1,892	-	-	-	-	-
Kefa	*	*	-	-	*	-	-
Gamo Gofa	41,768	3,625	17,140	*	5,401	14,444	*
Bench Maji	1,233	*	-	*	*	-	-
Yem Liyu	4,450	1,394	-	*	2,918	*	*
Segen Akababi Hizboch	32,897	15,970	*	-	7,677	*	-
Alaba Special	43,704	10,283	-	*	29,917	-	*
Dawro	4,278	3,069	-	747	*	-	*
Basketo Special	945	*	-	-	693	-	-
Konta Liyu	801	736	-	-	-	-	*
Silite	130,328	28,135	-	*	98,043	*	*
Gambela region	*	*	-	-	*	*	-
Agnuwak	*	*	-	-	*	*	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	11,087	4,568	2,711	*	2,695	893	*
Harari	11,087	4,568	2,711	*	2,695	893	*
Dire Dawa Astedader	18,242	6,087	*	-	11,678	*	*
Dire Dawa	18,242	6,087	*	-	11,678	*	*

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	319,491	147,750	11,256	4,644	140,381	11,591	3,868
Tigray	8,078	6,093	-	-	1,985	-	-
Semen Mirab	*	*	-	-	*	-	-
Mehakelawi	*	*	-	-	*	-	-
Misrakawi	-	-	-	-	-	-	-
Debubawi	3,808	3,615	-	-	*	-	-
Mirabawi	*	*	-	-	*	-	-
Debub Misrak	*	*	-	-	*	-	-
Afar	*	-	-	-	*	-	-
Zone_1 (Awsiresu)	-	-	-	-	*	-	-
Zone_2 (Kelbetiresu)	*	-	-	-	*	-	-
Zone_3 (Gebiresu)	-	-	-	-	*	-	-
Zone_4 (Fentiresu)	-	-	-	-	*	-	-
Zone_5 (Hariresu)	-	-	-	-	*	-	-
Amhara	160,143	66,205	10,247	*	71,070	8,750	*
Semen Gonder	9,953	4,461	*	-	3,929	*	-
Debub Gonder	20,504	*	*	-	10,645	*	*
Semen Wello	12,928	3,669	-	-	9,258	-	-
Debub Wello	21,017	13,903	-	-	*	*	-
Semen Shewa	*	*	-	-	*	-	-
Misrak Gojjam	19,380	*	*	*	5,143	*	*
Mirab Gojjam	49,404	18,733	*	*	26,655	*	*
Waghimra	1,926	848	-	-	*	-	-
Awi	15,264	5,570	4,568	*	2,630	*	*
Oromiya Liyu Zone	*	-	-	-	*	-	-
Maekelawi Gonder	6,197	2,409	-	-	*	-	-
Mirab Gonder	*	*	-	-	*	-	-
Oromia	102,517	47,181	*	-	52,020	*	*
Mirab Wollega	*	*	-	-	*	-	-
Misrak Wollega	4,030	*	*	-	2,001	*	*
Ilu Ababor	4,499	3,118	-	-	1,381	-	-
Jimma	18,402	6,154	-	-	10,072	*	*
Mirab Shewa	6,267	*	-	-	*	-	-
Semen Shewa	*	-	-	-	*	-	-
Misrak Shewa	4,516	4,516	-	-	-	-	-
Arsi	28,275	8,399	-	-	19,876	-	-
Mirab Hararghe	*	-	-	-	*	-	-
Mierak Hararge	-	-	-	-	-	-	-
Bale	12,801	10,340	-	-	2,461	-	-
Borena	*	*	-	-	*	-	-
Debub Mirab Shewa	4,397	*	-	-	2,417	-	-
Guji	*	*	-	-	*	-	-
Mirab Guji	*	-	-	-	*	-	-
Oromiya Liyu Zone	3,893	*	-	-	*	-	-
Mirab Arsi	*	*	-	-	*	-	-
Kelem Wollega	-	-	-	-	-	-	-
Horo Guduru Wollega	2,586	*	-	-	*	-	*
Buno Bedele	568	*	-	-	*	-	-

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER					
	TOTAL	MALE			FEMALE	
		Transportation	Draught	Other	Transportation	Draught
Somale	529	398	-	-	131	-
Siti	-	-	-	-	-	-
Fafan	*	*	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	-
Korahe	-	-	-	-	-	-
Shebele	261	131	-	-	131	-
Dollo	-	-	-	-	-	-
Afder	-	-	-	-	-	-
Liben	-	-	-	-	-	-
Nogob	-	-	-	-	-	-
Dawa	-	-	-	-	-	*
Benshangul-Gumuz	2,535	1,159	-	*	*	*
Metekel	2,501	1,142	-	*	*	*
Asosa	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-
SNNP	45,137	26,649	721	*	14,419	*
Gurage	1,687	*	-	-	*	-
Hadiya	4,255	2,168	-	*	*	-
Kembata Tembaro	*	*	-	-	*	-
Sidama	*	-	-	-	*	-
Gedeo	*	1,192	-	-	*	-
Welayta	*	*	-	-	*	-
Debub Omo	2,422	*	674	-	*	*
Sheka	*	*	-	-	*	-
Kefa	10,055	5,536	-	-	4,519	-
Gamo Gofa	10,004	6,169	-	-	*	*
Bench Maji	*	*	-	-	*	-
Yem Liyu	*	*	-	-	*	-
Segen Akababi Hizboch	*	*	-	-	*	-
Alaba Special	-	-	-	-	-	-
Dawro	3,801	2,592	-	*	881	-
Basketo Special	335	*	*	-	*	*
Konta Liyu	*	*	-	-	*	-
Silite	*	*	-	-	*	-
Gambela region	*	*	-	-	*	-
Agnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	*
Itang Special	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Dire Dawa Astedader	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-

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

Geographic Area	TOTAL	CAMELS AGED 4 YEARS AND OLDER								
		MALE				FEMALE				
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
Ethiopia	5,574,178	563,826	594,003	15,361	220,932	38,057	302,464	*	2,067,475	1,751,74
Tigray	44,737	34,624	-	8,922	*	-	-	*	-	-
Semen Mirab	18,423	14,781	-	-	*	-	-	-	-	-
Mehakelawi	10,499	7,160	-	-	*	-	-	-	-	-
Misrakawi	-	-	-	-	-	-	-	-	-	-
Debubawi	*	*	-	-	*	-	-	*	-	-
Mirabawi	6,603	4,661	-	-	*	-	-	-	-	-
Debub Misrak	*	*	-	-	*	-	-	-	-	-
Afar	845,967	192,995	*	*	*	*	84,688	*	387,250	159,412
Zone_1 (Awsiresu)	342,537	85,979	-	-	*	-	38,053	-	121,261	*
Zone_2 (Kelbetiresu)	100,335	14,605	-	-	*	*	*	6,923	63,102	*
Zone_3 (Gebiresu)	260,674	57,831	*	-	*	-	21,225	-	121,993	*
Zone_4 (Fentiresu)	36,382	5,436	*	*	-	-	3,384	*	23,294	*
Zone_5 (Hariresu)	106,038	29,145	-	-	*	-	15,103	-	57,600	3,905
Amhara	47,614	47,011	-	-	*	-	-	-	-	-
Semen Gonder	-	-	-	-	-	-	-	-	-	-
Debub Gonder	-	-	-	-	-	-	-	-	-	-
Semen Wello	*	*	-	-	-	-	-	-	-	-
Debub Wello	*	*	-	-	-	-	-	-	-	-
Semen Shewa	12,764	12,764	-	-	-	-	-	-	-	-
Misrak Gojjam	-	-	-	-	-	-	-	-	-	-
Mirab Gojjam	-	-	-	-	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-	-
Awj	-	-	-	-	-	-	-	-	-	-
Oromiya Liyu Zone	9,420	9,191	-	-	*	-	-	-	-	-
Maekelawi Gonder	-	-	-	-	-	-	-	-	-	-
Mirab Gonder	*	*	-	-	*	*	-	-	-	-
Oromia	197,457	31,792	5,172	-	13,163	*	25,557	-	79,917	39,448
Mirab Wollega	-	-	-	-	-	-	-	-	-	-
Misrak Wollega	-	-	-	-	-	-	-	-	-	-
Ilu Ababor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
Mirab Shewa	-	-	-	-	-	-	-	-	-	-
Semen Shewa	-	-	-	-	-	-	-	-	-	-
Misrak Shewa	*	*	-	-	-	-	*	-	*	*
Arsi	-	-	-	-	-	-	-	-	-	-
Mirab Hararghe	*	*	*	-	*	*	*	-	*	*
Mierak Hararge	*	-	-	-	-	-	-	-	*	*
Bale	78,908	*	*	*	*	*	*	17,351	-	29,332
Borena	63,512	4,368	*	-	8,516	-	*	-	29,984	*
Debub Mirab Shewa	-	-	-	-	-	-	-	-	-	-
Guji	*	-	-	-	*	-	-	-	*	*
Mirab Guji	-	-	-	-	-	-	-	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-	-
Mirab Arsi	-	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-	-	-	-	-

TABLE 3-13 CONT'D

Geographic Area	TOTAL	CAMELS AGED 4 YEARS AND OLDER									
		MALE				FEMALE					
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others	
Somale	4,424,742	253,936	588,249	6,196	185,944	35,123	185,413	*	1,597,551	1,552,30	
Siti	9,184	2,582	*	-	*	-	2,518	*	3,556	*	
Fafan	186,012	27,361	22,819	*	4,261	*	*	*	76,997	23,862	
Jerer	1,369,934	20,070	434,840	*	5,573	3,259	9,605	*	751,739	126,916	
Erer	419,956	13,757	103,714	-	4,029	9,396	56,122	-	194,816	38,122	
Korahe	238,277	28,045	8,383	5,515	30,148	81	4,504	1,059	76,099	84,443	
Shebele	181,726	21,430	7,189	-	14,702	-	50,379	-	28,614	59,412	
Dollo	249,872	23,317	-	-	9,557	-	4,501	-	88,115	124,383	
Afder	514,025	22,923	-	-	48,994	-	*	-	81,413	343,820	
Liben	1,058,108	77,808	*	-	60,745	*	*	-	189,019	695,889	
Nogob	36,083	3,940	4,556	-	780	-	-	-	12,180	14,627	
Dawa	161,565	12,703	*	-	6,938	*	4,247	-	*	40,761	
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	
Metekel	-	-	-	-	-	-	-	-	-	-	
Asosa	-	-	-	-	-	-	-	-	-	-	
Kemeshi	-	-	-	-	-	-	-	-	-	-	
Mao Komo	-	-	-	-	-	-	-	-	-	-	
SNNP	-	-	-	-	-	-	-	-	-	-	
Gurage	-	-	-	-	-	-	-	-	-	-	
Hadiya	-	-	-	-	-	-	-	-	-	-	
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	
Sidama	-	-	-	-	-	-	-	-	-	-	
Gedeo	-	-	-	-	-	-	-	-	-	-	
Welayta	-	-	-	-	-	-	-	-	-	-	
Debub Omo	-	-	-	-	-	-	-	-	-	-	
Sheka	-	-	-	-	-	-	-	-	-	-	
Kefa	-	-	-	-	-	-	-	-	-	-	
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	
Bench Maji	-	-	-	-	-	-	-	-	-	-	
Yem Liyu	-	-	-	-	-	-	-	-	-	-	
Segen Akababi Hizboch	-	-	-	-	-	-	-	-	-	-	
Alaba Special	-	-	-	-	-	-	-	-	-	-	
Dawro	-	-	-	-	-	-	-	-	-	-	
Basketo Special	-	-	-	-	-	-	-	-	-	-	
Konta Liyu	-	-	-	-	-	-	-	-	-	-	
Silite	-	-	-	-	-	-	-	-	-	-	
Gambela region	-	-	-	-	-	-	-	-	-	-	
Agnuwak	-	-	-	-	-	-	-	-	-	-	
Nuware	-	-	-	-	-	-	-	-	-	-	
Mezhenger	-	-	-	-	-	-	-	-	-	-	
Itang Special	-	-	-	-	-	-	-	-	-	-	
Harari	*	-	*	-	-	-	-	-	*	-	
Harari	*	-	*	-	-	-	-	-	*	-	
Dire Dawa Astedader	13,295	3,468	*	-	-	-	-	*	-	2,574	*
Dire Dawa	13,295	3,468	*	-	-	-	-	*	-	2,574	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	65,354,090	28,273,489	473,422	73,030	35,618,971	775,823	139,355
Tigray	4,908,964	2,303,087	37,624	8,228	2,491,664	49,954	18,408
Semen Mirab	1,954,132	899,399	*	*	1,041,463	*	*
Mehakelawi	725,700	394,040	6,470	*	309,236	9,299	4,953
Misrakawi	466,981	221,391	15,352	*	199,984	22,029	*
Debubawi	390,934	197,144	*	*	190,920	*	*
Mirabawi	847,546	302,862	*	-	539,044	*	-
Debub Misrak	523,671	288,251	*	*	211,017	*	3,974
Afar	1,952,394	479,651	-	-	1,472,479	-	*
Zone_1 (Awsiresu)	956,514	227,307	-	-	728,943	-	*
Zone_2 (Kelbetiresu)	60,423	20,148	-	-	40,275	-	-
Zone_3 (Gebiresu)	581,902	150,780	-	-	431,123	-	-
Zone_4 (Fentiresu)	74,664	12,828	-	-	61,836	-	-
Zone_5 (Hariresu)	278,891	68,589	-	-	210,302	-	-
Amhara	16,318,446	8,184,250	155,423	10,849	7,742,206	202,326	23,390
Semen Gonder	747,139	372,946	*	*	362,078	3,869	*
Debub Gonder	1,843,223	917,533	18,090	*	882,987	19,525	*
Semen Wello	912,162	464,040	8,199	*	423,054	14,512	*
Debub Wello	1,846,140	999,800	23,753	*	782,033	38,571	*
Semen Shewa	1,540,426	890,053	61,564	*	505,447	79,644	*
Misrak Gojjam	2,107,345	1,116,660	3,922	*	973,721	9,824	*
Mirab Gojjam	2,515,806	1,245,647	17,170	*	1,238,060	*	*
Waghimra	408,352	196,644	*	-	210,641	*	-
Awi	1,190,654	512,506	*	*	661,003	*	*
Oromiya Liyu Zone	311,616	148,268	*	-	162,628	*	-
Maekelawi Gonder	2,541,249	1,191,177	13,215	*	1,315,425	16,151	*
Mirab Gonder	354,335	128,977	*	-	225,129	-	-
Oromia	25,031,068	11,158,185	235,608	47,669	13,164,994	343,806	80,805
Mirab Wollega	1,126,465	465,768	-	-	660,697	-	-
Misrak Wollega	1,008,968	461,409	-	-	547,559	-	-
Ilu Ababor	902,072	362,334	*	-	538,639	*	-
Jimma	2,369,307	1,099,384	-	-	1,267,405	*	*
Mirab Shewa	2,202,544	1,073,695	14,706	*	1,086,405	16,693	*
Semen Shewa	1,267,893	622,038	56,460	*	488,099	87,585	*
Misrak Shewa	1,054,035	544,510	*	*	494,391	1,729	*
Arsi	2,857,751	1,363,781	104,188	*	1,220,455	144,713	*
Mirab Hararghe	1,081,736	466,784	*	-	607,428	5,087	-
Mierak Hararge	1,118,552	400,682	*	-	713,380	*	*
Bale	1,661,218	721,215	*	*	920,559	*	*
Borena	789,453	251,552	-	*	537,512	-	*
Debub Mirab Shewa	1,113,433	590,083	*	*	514,660	3,579	-
Guji	1,393,394	551,652	*	*	799,137	*	*
Mirab Guji	443,377	171,192	*	*	268,504	*	*
Oromiya Liyu Zone	858,742	413,309	12,568	*	393,401	25,141	*
Mirab Arsi	2,095,572	820,857	17,660	*	1,199,802	25,710	*
Kelem Wollega	566,943	270,952	-	-	295,991	-	-
Horo Guduru Wollega	681,928	313,233	*	-	367,296	*	-
Buno Bedele	437,688	193,756	-	-	243,674	-	*

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	3,646,940	1,091,222	3,761	*	2,538,938	12,375	*
Siti	37,066	12,966	-	*	23,853	-	*
Fafan	451,605	161,454	-	-	290,151	-	-
Jerer	212,702	88,984	-	-	123,718	-	-
Erer	498,067	151,723	3,761	-	330,208	12,375	-
Korahe	247,875	86,407	-	-	161,468	-	-
Shebele	576,920	188,156	-	-	388,764	-	-
Dollo	38,528	11,996	-	-	26,532	-	-
Afder	565,091	133,965	-	-	431,126	-	-
Liben	836,684	209,357	-	-	627,327	-	-
Nogob	30,212	9,276	-	-	20,936	-	-
Dawa	152,190	36,940	-	*	114,855	-	*
Benshangul-Gumuz	626,537	265,281	-	-	361,256	-	-
Metekel	73,394	25,767	-	-	47,627	-	-
Asosa	506,829	219,552	-	-	287,277	-	-
Kemeshi	37,343	15,893	-	-	21,450	-	-
Mao Komo	8,970	4,069	-	-	4,901	-	-
SNNP	12,404,963	4,644,465	39,901	*	7,534,927	164,445	15,499
Gurage	1,000,600	319,097	2,769	*	668,977	7,366	*
Hadiya	950,388	380,784	1,946	*	547,464	16,578	3,410
Kembata Tembaro	399,307	121,311	14,986	*	173,581	82,374	*
Sidama	2,344,218	573,017	*	*	1,734,350	*	*
Gedeo	125,907	61,205	1,048	-	62,929	*	-
Welayta	896,032	370,695	*	-	521,138	*	*
Debub Omo	*	*	*	-	*	*	-
Sheka	150,250	59,475	*	*	88,729	*	*
Kefa	1,008,165	433,612	*	-	572,732	*	-
Gamo Gofa	1,403,050	546,039	*	-	838,346	*	-
Bench Maji	355,831	149,260	*	-	205,715	*	*
Yem Liyu	78,228	38,027	*	-	39,797	*	-
Segen Akababi Hizboch	457,273	226,116	-	-	231,156	-	-
Alaba Special	187,136	81,632	*	-	99,524	4,835	-
Dawro	334,971	131,588	*	*	201,212	*	-
Basketo Special	53,387	24,411	539	*	27,900	479	-
Konta Liyu	114,682	53,679	*	*	60,832	*	-
Silite	612,561	253,715	*	*	352,977	2,901	*
Gambela region	327,801	99,610	*	-	228,108	*	-
Agnuwak	6,671	3,805	-	-	2,865	-	-
Nuware	279,414	83,312	-	-	196,102	-	-
Mezhenger	16,679	4,422	*	-	12,174	*	-
Itang Special	25,038	8,070	-	-	16,967	-	-
Harari	69,615	24,110	922	*	41,013	2,666	*
Harari	69,615	24,110	922	*	41,013	2,666	*
Dire Dawa Astedader	67,364	23,627	*	-	43,385	*	-
Dire Dawa	67,364	23,627	*	-	43,385	*	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	39,894,394	11,775,530	46,410	*	27,945,302	63,531	*
Tigray	2,097,619	512,360	*	*	1,572,860	-	-
Semen Mirab	410,846	92,224	-	-	318,622	-	-
Mehakelawi	549,192	135,728	-	-	413,463	-	-
Misrakawi	614,973	152,021	*	-	460,822	*	-
Debubawi	186,475	43,805	-	-	142,670	-	-
Mirabawi	101,390	21,806	-	-	79,584	-	-
Debub Misrak	234,743	66,775	*	*	157,699	*	-
Afar	4,040,176	1,094,880	-	-	2,945,296	-	-
Zone_1 (Awsiresu)	2,097,665	556,085	-	-	1,541,580	-	-
Zone_2 (Kelbetiresu)	261,082	54,854	-	-	206,229	-	-
Zone_3 (Gebiresu)	1,036,987	316,736	-	-	720,250	-	-
Zone_4 (Fentiresu)	274,330	51,587	-	-	222,743	-	-
Zone_5 (Hariresu)	370,112	115,619	-	-	254,494	-	-
Amhara	10,386,223	2,846,926	28,294	*	7,431,991	28,591	*
Semen Gonder	526,668	134,964	*	-	391,392	-	-
Debub Gonder	1,200,590	312,415	*	-	883,197	*	-
Semen Wello	1,050,831	303,428	*	*	737,083	*	-
Debub Wello	1,444,391	438,872	*	-	979,950	*	-
Semen Shewa	1,917,701	572,505	*	*	1,297,607	*	*
Misrak Gojjam	1,159,848	269,853	*	*	881,735	*	*
Mirab Gojjam	1,361,456	336,455	-	-	1,025,001	-	-
Waghimra	222,089	63,187	-	-	158,901	-	-
Awi	491,824	137,551	-	-	354,273	-	-
Oromiya Liyu Zone	84,053	34,631	-	-	49,422	-	-
Maekelawi Gonder	896,911	235,870	*	-	656,729	*	-
Mirab Gonder	29,863	7,195	*	*	16,700	*	*
Oromia	9,260,493	2,811,883	*	3,824	6,427,447	*	7,992
Mirab Wollega	358,091	111,492	-	-	246,599	-	-
Misrak Wollega	274,629	84,175	-	-	190,454	-	-
Ilu Ababor	291,053	73,349	-	-	217,704	-	-
Jimma	750,487	217,356	-	-	533,131	-	-
Mirab Shewa	1,048,490	274,942	-	*	768,759	-	*
Semen Shewa	931,885	264,307	-	-	666,126	*	-
Misrak Shewa	430,503	131,376	-	-	299,127	-	-
Arsi	1,291,568	454,534	-	-	837,034	-	-
Mirab Hararghe	137,090	38,951	-	-	98,139	-	-
Mierak Hararge	309,696	86,958	-	-	222,738	-	-
Bale	314,590	87,303	-	-	227,287	-	-
Borena	343,607	126,805	-	-	216,802	-	-
Debub Mirab Shewa	261,186	91,763	*	-	165,941	*	-
Guji	430,676	118,943	*	*	304,376	*	*
Mirab Guji	207,162	65,196	-	-	141,966	-	-
Oromiya Liyu Zone	451,246	123,414	-	-	327,833	-	-
Mirab Arsi	875,734	245,828	-	*	626,918	-	*
Kelem Wollega	273,725	136,824	-	-	136,901	-	-
Horo Guduru Wollega	162,022	45,157	-	*	115,919	-	*
Buno Bedele	117,052	33,210	-	-	83,694	-	*

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	9,188,394	2,999,798	2,432	*	6,175,813	10,243	*
Siti	52,005	15,120	-	-	36,885	-	-
Fafan	1,185,676	402,322	-	-	783,354	-	-
Jerer	2,819,667	1,085,052	-	-	1,734,615	-	-
Erer	570,443	174,627	2,432	-	383,140	10,243	-
Korahe	532,596	184,301	-	-	348,295	-	-
Shebele	506,011	164,755	-	-	341,257	-	-
Dollo	494,221	139,375	-	-	354,846	-	-
Afder	1,357,775	361,385	-	-	996,389	-	-
Liben	1,481,987	419,881	-	-	1,062,106	-	-
Nogob	39,372	13,845	-	-	25,527	-	-
Dawa	148,643	39,134	-	*	109,400	-	*
Benshangul-Gumuz	72,284	24,207	-	-	48,078	-	-
Metekel	14,347	4,790	-	-	9,557	-	-
Asosa	45,544	15,321	-	-	30,223	-	-
Kemeshi	5,396	2,096	-	-	3,300	-	-
Mao Komo	6,997	2,000	-	-	4,998	-	-
SNNP	4,735,604	1,449,573	9,842	*	3,266,309	*	*
Gurage	308,849	79,457	-	-	229,392	-	-
Hadiya	206,732	48,790	-	-	157,510	-	*
Kembata Tembaro	56,441	24,991	-	-	31,450	-	-
Sidama	475,776	148,439	*	-	323,181	*	-
Gedeo	237,991	74,737	-	-	163,023	*	-
Welayta	186,805	61,484	*	-	122,814	*	-
Debub Omo	*	*	*	-	*	*	-
Sheka	65,770	19,467	-	*	46,168	-	-
Kefa	572,188	158,899	-	-	413,289	-	-
Gamo Gofa	502,720	107,562	*	-	385,718	*	-
Bench Maji	190,148	50,503	-	-	139,645	-	-
Yem Liyu	17,284	4,554	-	-	12,545	*	-
Segen Akababi Hizboch	301,515	113,916	-	-	187,599	-	-
Alaba Special	63,597	15,746	-	-	47,623	*	-
Dawro	61,029	19,111	*	-	41,815	-	-
Basketo Special	18,239	5,007	-	-	13,137	*	-
Konta Liyu	18,712	10,665	-	-	8,047	-	-
Silite	359,705	99,017	*	-	259,697	*	-
Gambela region	43,903	16,656	-	-	27,247	-	-
Agnuwak	*	*	-	-	*	-	-
Nuware	26,393	10,496	-	-	15,897	-	-
Mezhenger	13,255	4,629	-	-	8,626	-	-
Itang Special	*	*	-	-	*	-	-
Harari	4,236	1,029	-	-	3,019	*	-
Harari	4,236	1,029	-	-	3,019	*	-
Dire Dawa Astedader	65,462	18,219	-	-	47,243	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	50,501,672	15,034,083	*	*	35,408,180	16,350	*
Tigray	4,838,969	1,303,026	*	-	3,525,227	-	*
Semen Mirab	2,357,427	614,828	-	-	1,741,904	-	*
Mehakelawi	1,110,054	315,342	-	-	794,713	-	-
Misrakawi	194,578	55,621	-	-	138,956	-	-
Debubawi	161,672	41,382	-	-	120,290	-	-
Mirabawi	679,188	192,629	-	-	486,560	-	-
Debub Misrak	336,050	83,224	*	-	242,805	*	-
Afar	8,531,082	2,156,351	-	*	6,357,473	-	*
Zone_1 (Awsiresu)	3,684,850	974,887	-	*	2,692,705	-	*
Zone_2 (Kelbetiresu)	1,631,277	295,050	-	-	1,336,226	-	-
Zone_3 (Gebiresu)	1,665,529	479,312	-	-	1,186,217	-	-
Zone_4 (Fentiresu)	566,703	102,614	-	-	464,088	-	-
Zone_5 (Hariresu)	982,724	304,488	-	-	678,236	-	-
Amhara	6,883,316	2,467,289	*	-	4,411,701	*	-
Semen Gonder	604,411	188,063	-	-	416,349	-	-
Debub Gonder	841,006	282,697	-	-	558,309	-	-
Semen Wello	564,572	176,266	-	-	388,306	-	-
Debub Wello	1,342,100	533,702	-	-	808,398	-	-
Semen Shewa	820,701	376,628	-	-	444,073	-	-
Misrak Gojjam	237,881	66,170	-	-	171,712	-	-
Mirab Gojjam	222,911	87,819	-	-	135,092	-	-
Waghimra	595,054	179,357	-	-	415,698	-	-
Awi	*	*	-	-	*	-	-
Oromiya Liyu Zone	174,801	58,310	-	-	116,492	-	-
Maekelawi Gonder	1,017,533	332,492	*	-	681,345	*	-
Mirab Gonder	190,617	63,580	*	-	126,407	*	-
Oromia	7,526,644	2,355,006	-	*	5,166,771	*	*
Mirab Wollega	111,144	32,354	-	-	78,789	-	-
Misrak Wollega	189,644	62,865	-	-	126,780	-	-
Ilu Ababor	116,661	31,068	-	-	85,593	-	-
Jimma	515,513	136,895	-	-	377,046	-	*
Mirab Shewa	313,569	90,959	-	-	222,610	-	-
Semen Shewa	183,952	53,624	-	-	130,328	-	-
Misrak Shewa	351,586	106,932	-	-	244,655	-	-
Arsi	746,463	243,510	-	-	502,214	*	-
Mirab Hararghe	931,849	306,556	-	-	625,293	-	-
Mierak Hararge	1,078,685	361,528	-	-	717,157	-	-
Bale	1,024,220	300,216	-	-	724,004	-	-
Borena	589,024	194,153	-	*	393,051	-	*
Debub Mirab Shewa	281,224	97,177	-	-	184,047	-	-
Guji	301,541	92,036	-	*	208,770	-	-
Mirab Guji	98,980	31,360	-	-	67,620	-	-
Oromiya Liyu Zone	65,125	20,432	-	-	44,693	-	-
Mirab Arsi	239,651	69,504	-	-	170,148	-	-
Kelem Wollega	120,443	41,797	-	-	78,646	-	-
Horo Guduru Wollega	172,992	57,994	-	-	114,998	-	-
Buno Bedele	94,377	24,047	-	-	70,330	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	17,001,672	4,824,953	*	365	12,159,295	4,191	5,991
Siti	327,191	91,125	-	-	235,786	-	*
Fafan	644,107	225,000	-	-	419,107	-	-
Jerer	3,694,723	1,404,961	*	-	2,283,985	-	-
Erer	857,412	271,470	1,103	-	580,648	4,191	-
Korahe	706,993	262,563	-	365	438,355	-	5,711
Shebele	1,183,341	412,507	-	-	770,834	-	-
Dollo	839,151	224,352	-	-	614,798	-	-
Afder	3,464,101	768,261	-	-	2,695,839	-	-
Liben	4,767,845	1,045,931	-	-	3,721,914	-	-
Nogob	61,231	20,641	-	-	40,590	-	-
Dawa	455,578	98,140	-	-	357,438	-	-
Benshangul-Gumuz	404,015	122,462	-	-	281,553	-	-
Metekel	179,652	48,881	-	-	130,771	-	-
Asosa	137,121	46,520	-	-	90,600	-	-
Kemeshi	76,119	23,518	-	-	52,601	-	-
Mao Komo	11,123	3,542	-	-	7,581	-	-
SNNP	4,819,573	1,648,761	*	-	3,167,746	*	*
Gurage	113,947	34,011	-	-	79,936	-	-
Hadiya	218,039	60,393	-	-	157,646	-	-
Kembata Tembaro	71,433	21,661	-	-	49,772	-	-
Sidama	323,200	100,761	-	-	222,439	-	-
Gedeo	7,805	*	-	-	6,417	-	-
Welayta	202,686	61,405	-	-	140,889	*	-
Debub Omo	*	*	-	-	1,298,264	-	-
Sheka	15,782	4,637	-	-	11,145	-	-
Kefa	208,430	55,885	-	-	152,545	-	-
Gamo Gofa	460,207	138,738	-	-	321,470	-	-
Bench Maji	112,380	34,258	-	-	77,781	-	*
Yem Liyu	43,314	12,378	-	-	30,936	-	-
Segen Akababi Hizboch	491,133	172,266	-	-	318,867	-	-
Alaba Special	97,461	24,907	-	-	72,554	-	-
Dawro	69,716	29,021	-	-	40,528	*	-
Basketo Special	11,708	2,749	*	-	8,699	*	-
Konta Liyu	27,395	10,115	-	-	17,280	-	-
Silite	217,502	55,019	*	-	160,579	*	-
Gambela region	134,206	43,389	-	*	89,804	-	*
Agnuwak	6,226	2,235	-	-	3,991	-	-
Nuware	110,049	35,494	-	*	73,541	-	*
Mezhenger	5,877	2,086	-	-	3,791	-	-
Itang Special	12,054	3,573	-	-	8,481	-	-
Harari	103,567	37,415	-	*	65,411	-	*
Harari	103,567	37,415	-	*	65,411	-	*
Dire Dawa Astedader	258,629	75,432	-	-	183,198	-	-
Dire Dawa	258,629	75,432	-	-	183,198	-	-

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	50,536,082	6,079,400	2,751,505	5,438,138	2,379,075	15,482,096	18,389,262
Tigray	6,317,518	566,311	375,264	781,141	360,471	2,143,871	2,090,458
Semen Mirab	2,416,962	193,478	141,071	257,029	151,195	1,010,136	664,053
Mehakelawi	1,226,139	110,273	53,429	118,381	95,630	419,191	429,236
Misrakawi	837,439	78,731	59,042	144,510	28,545	148,622	377,989
Debubawi	352,624	44,997	17,223	40,128	24,043	111,660	114,573
Mirabawi	830,957	69,199	78,265	136,165	34,878	317,551	194,900
Debub Misrak	653,397	69,633	26,234	84,928	26,181	136,713	309,708
Afar	92,941	17,584	*	8,295	6,979	29,413	26,973
Zone_1 (Awsiresu)	*	*	-	-	*	-	*
Zone_2 (Kelbetiresu)	*	1,242	*	904	*	*	*
Zone_3 (Gebiresu)	39,245	8,799	*	*	*	10,419	10,981
Zone_4 (Fentiresu)	*	*	-	*	*	-	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
Amhara	16,827,119	1,677,659	964,862	1,948,672	718,594	5,980,785	5,536,547
Semen Gonder	1,436,676	148,009	94,183	167,624	34,394	643,755	348,712
Debub Gonder	1,749,428	174,377	117,468	219,763	106,859	588,978	541,983
Semen Wello	1,205,943	225,116	45,199	131,633	56,009	319,415	428,571
Debub Wello	1,683,956	221,874	71,915	184,836	48,330	451,160	705,839
Semen Shewa	1,578,906	169,924	49,268	165,856	71,970	292,390	829,499
Misrak Gojam	1,056,961	96,166	34,124	90,371	74,167	257,287	504,846
Mirab Gojam	2,616,075	152,969	149,713	320,702	80,529	1,146,527	765,635
Waghimra	440,687	55,416	25,634	47,481	15,044	154,202	142,909
Awi	1,189,280	108,985	91,663	132,111	57,003	448,180	351,338
Oromiya Liyu Zone	245,513	33,052	12,334	28,412	11,282	70,307	90,127
Maekelawi Gonder	3,310,498	263,357	241,412	416,171	138,879	1,485,329	765,351
Mirab Gonder	313,197	28,416	31,950	43,714	24,128	123,254	61,735
Oromia	16,668,657	2,451,101	767,650	1,469,690	810,278	4,095,092	7,074,846
Mirab Wollega	1,139,366	174,803	124,041	153,282	38,990	261,332	386,918
Misrak Wollega	770,250	109,348	42,522	85,081	18,031	260,592	254,676
Ilu Ababor	824,610	147,884	39,646	77,992	44,680	145,135	369,273
Jimma	1,868,113	253,834	47,441	119,826	73,444	635,236	738,331
Mirab Shewa	1,273,221	152,802	54,939	121,757	60,318	340,930	542,475
Semen Shewa	745,159	81,109	36,213	75,009	33,612	164,923	354,293
Misrak Shewa	701,129	107,013	31,623	51,231	35,828	159,707	315,727
Arsi	1,460,723	225,551	65,184	104,005	93,043	230,698	742,243
Mirab Hararghe	984,844	137,432	40,268	79,497	39,624	303,497	384,526
Mierak Hararge	1,478,465	233,820	56,138	122,427	66,270	348,240	651,570
Bale	681,585	105,768	25,201	51,942	57,951	175,031	265,692
Borena	161,860	28,680	8,130	14,861	13,427	34,382	62,379
Debub Mirab Shewa	715,839	87,235	48,442	73,896	26,344	148,497	331,425
Guji	823,798	169,684	26,707	50,801	48,935	173,458	354,214
Mirab Guji	365,769	75,381	11,881	37,597	17,255	86,106	137,549
Oromiya Liyu Zone	506,371	42,888	23,687	61,115	37,917	98,086	242,679
Mirab Arsi	731,044	102,510	25,164	63,169	49,303	133,072	357,827
Kelem Wollega	744,096	115,562	32,052	62,152	22,799	170,399	341,133
Horo Guduru Wollega	442,035	60,493	22,579	51,058	23,898	153,186	130,820
Buno Bedele	250,379	39,304	5,791	12,992	8,610	72,586	111,095

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	1,934,671	237,531	141,789	229,552	113,224	717,518	478,452
Siti	6,286	1,721	-	*	*	1,242	2,692
Fafan	17,497	4,707	*	*	2,383	*	6,042
Jerer	1,911	225	225	337	-	-	1,124
Erer	1,265	326	-	-	326	-	613
Korahe	8,617	1,183	1,029	1,029	1,029	2,058	2,289
Shebele	93,723	19,444	*	*	16,048	31,802	20,851
Dollo	199,832	35,161	9,304	15,463	32,676	53,655	53,574
Afder	25,134	4,446	*	1,410	*	7,370	5,874
Liben	884,660	93,950	76,816	126,428	33,158	344,329	209,979
Nogob	335,981	37,126	26,841	49,710	11,128	122,278	88,899
Dawa	359,765	39,242	27,574	35,175	16,476	154,784	86,515
Benshangul-Gumuz	884,660	93,950	76,816	126,428	33,158	344,329	209,979
Metekel	335,981	37,126	26,841	49,710	11,128	122,278	88,899
Asosa	359,765	39,242	27,574	35,175	16,476	154,784	86,515
Kemeshi	157,191	13,454	20,659	38,050	*	53,951	27,855
Mao Komo	31,723	4,128	1,742	3,494	2,334	13,316	6,710
SNNP	7,347,205	964,833	392,465	811,995	321,779	2,062,136	2,793,997
Gurage	473,360	71,545	14,046	59,987	30,789	50,637	246,355
Hadiya	724,972	72,410	41,023	85,561	14,666	265,277	246,035
Kembata Tembaro	243,969	25,411	8,381	21,538	11,350	73,534	103,755
Sidama	1,370,350	181,626	44,593	81,664	52,617	479,232	530,618
Gedeo	135,324	29,888	4,449	21,039	8,366	8,060	63,522
Welayta	573,468	59,152	44,644	78,905	29,542	183,114	178,111
Debub Omo	347,078	59,736	16,627	40,847	8,018	112,278	109,571
Sheka	120,384	17,427	12,438	26,560	3,923	12,125	47,911
Kefa	817,397	116,865	46,101	114,267	20,605	225,919	293,640
Gamo Gofa	727,024	85,007	77,966	72,298	37,006	154,851	299,896
Bench Maji	361,868	48,271	26,999	57,734	15,057	113,984	99,823
Yem Liyu	52,069	6,778	451	1,960	*	*	22,240
Segen Akababi Hizboch	479,713	82,267	24,528	50,841	30,587	121,640	169,850
Alaba Special	144,927	13,951	6,204	17,977	6,224	53,530	47,042
Dawro	183,555	26,878	7,384	20,033	16,673	50,184	62,402
Basketo Special	37,335	6,390	1,124	2,836	3,860	10,204	12,920
Konta Liyu	85,110	13,719	4,358	10,370	4,023	23,449	29,191
Silite	469,301	47,512	11,149	47,578	24,928	107,021	231,114
Gambela region	229,151	38,964	19,270	28,684	1,465	68,689	72,078
Agnuwak	26,328	3,354	2,783	3,324	*	10,604	6,075
Nuware	107,672	20,705	8,370	10,815	*	32,825	34,405
Mezhenger	61,652	9,778	3,896	8,548	582	15,368	23,481
Itang Special	33,499	5,127	4,222	5,997	*	9,893	8,118
Harari	104,585	19,714	5,977	10,842	6,076	19,491	42,485
Harari	104,585	19,714	5,977	10,842	6,076	19,491	42,485
Dire Dawa Astedader	129,575	11,753	3,714	22,840	7,051	20,771	63,446
Dire Dawa	129,575	11,753	3,714	22,840	7,051	20,771	63,446

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	40,001,033	4,948,093	2,098,297	4,007,891	1,909,522	13,626,574	13,410,657
Tigray	4,233,807	408,346	260,463	470,578	249,513	1,641,678	1,203,229
Semen Mirab	2,050,147	173,745	122,454	211,073	122,234	913,053	507,588
Mehakelawi	717,199	78,648	29,754	71,442	59,914	219,471	257,971
Misrakawi	132,693	16,009	8,821	10,660	6,517	27,308	63,379
Debubawi	277,000	36,294	15,275	20,454	16,055	104,790	84,131
Mirabawi	753,786	58,523	74,126	130,217	29,713	300,612	160,594
Debub Misrak	302,982	45,127	10,033	26,733	15,080	76,444	129,566
Afar	84,428	16,404	*	7,253	5,766	29,413	22,581
Zone_1 (Awsiresu)	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	*	*	*	*	*	*	*
Zone_3 (Gebiresu)	37,356	8,597	*	*	*	10,419	*
Zone_4 (Fentiresu)	*	*	-	*	*	-	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
Amhara	14,709,577	1,488,758	875,227	1,652,949	604,412	5,720,821	4,367,410
Semen Gonder	1,380,434	137,029	93,337	164,265	32,896	631,335	321,571
Debub Gonder	1,540,607	167,036	106,004	178,644	90,827	573,547	424,548
Semen Wello	926,996	173,447	43,391	97,672	38,347	305,786	268,352
Debub Wello	1,408,496	202,646	59,714	136,143	39,387	416,721	553,885
Semen Shewa	1,149,129	138,163	45,031	110,917	55,923	255,452	543,644
Misrak Gojjam	928,801	87,968	29,074	81,636	59,521	241,414	429,187
Mirab Gojjam	2,391,963	145,735	132,761	284,470	72,899	1,110,687	645,412
Waghimra	409,241	51,963	25,204	44,867	13,848	151,830	121,529
Awi	1,083,698	96,703	84,881	121,814	50,087	441,315	288,898
Oromiya Liyu Zone	223,725	30,530	11,018	22,871	10,499	69,791	79,016
Maekelawi Gonder	2,980,822	230,960	216,388	370,753	118,359	1,407,890	636,474
Mirab Gonder	285,664	26,579	28,423	38,896	21,819	115,053	54,894
Oromia	13,544,768	2,052,644	596,741	1,146,574	682,895	3,787,892	5,278,021
Mirab Wollega	955,242	136,501	90,186	128,629	34,689	252,159	313,077
Misrak Wollega	689,194	99,051	39,740	77,183	15,213	250,096	207,911
Ilu Ababor	623,292	107,337	30,746	65,499	35,419	129,940	254,351
Jimma	1,687,526	222,209	46,317	99,970	63,158	609,317	646,556
Mirab Shewa	967,643	120,353	39,545	74,029	37,769	315,705	380,242
Semen Shewa	464,205	52,859	12,618	29,564	25,263	130,912	212,989
Misrak Shewa	547,106	85,495	21,125	37,279	30,341	142,367	230,498
Arsi	997,896	167,083	53,658	84,551	77,722	199,628	415,253
Mirab Hararghe	878,026	126,713	39,784	69,079	35,604	288,295	318,550
Mierak Hararge	1,384,748	228,919	56,138	116,742	60,801	336,842	585,307
Bale	591,247	98,206	23,440	46,463	50,818	167,123	205,198
Borena	161,720	28,680	8,130	14,833	13,371	34,382	62,324
Debub Mirab Shewa	358,935	41,757	11,359	37,717	20,119	103,604	144,379
Guji	801,360	163,767	26,707	50,087	48,935	173,458	338,406
Mirab Guji	251,193	60,844	9,895	25,972	12,016	52,346	90,120
Oromiya Liyu Zone	368,718	35,882	11,970	31,701	30,954	84,891	173,320
Mirab Arsi	553,076	84,549	18,876	39,537	42,246	123,289	244,578
Kelem Wollega	632,223	101,037	30,262	61,249	19,414	170,399	249,861
Horo Guduru Wollega	409,892	56,974	20,593	46,093	20,566	151,694	113,973
Buno Bedele	221,526	34,428	5,651	10,397	8,476	71,444	91,129

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	351,822	66,902	18,418	20,057	57,223	97,734	91,490
Siti	5,754	1,635	-	*	*	1,242	2,246
Fafan	17,497	4,707	*	*	2,383	*	6,042
Jerer	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-
Korahe	1,265	326	-	-	326	-	613
Shebele	8,617	1,183	1,029	1,029	1,029	2,058	2,289
Dollo	-	-	-	-	-	-	-
Afder	93,723	19,444	*	*	16,048	31,802	20,851
Liben	199,832	35,161	9,304	15,463	32,676	53,655	53,574
Nogob	-	-	-	-	-	-	-
Dawa	25,134	4,446	*	1,410	*	7,370	5,874
Benshangul-Gumuz	847,135	88,996	74,372	120,024	32,423	333,575	197,744
Metekel	326,879	35,377	26,430	47,065	10,968	120,794	86,246
Asosa	344,505	37,220	26,350	33,497	15,979	151,901	79,559
Kemeshi	146,022	12,644	20,066	36,419	*	48,167	25,505
Mao Komo	29,729	3,756	1,526	3,044	2,256	12,713	6,434
SNNP	5,829,367	761,693	242,994	544,229	265,093	1,910,247	2,105,111
Gurage	250,011	40,599	8,690	34,271	18,722	42,865	104,864
Hadiya	620,460	66,448	19,676	49,807	12,216	262,887	209,426
Kembata Tembaro	182,802	19,049	5,283	10,494	9,711	68,630	69,635
Sidama	1,232,234	158,298	*	65,649	48,230	475,676	451,470
Gedeo	94,540	19,863	2,775	12,997	5,897	*	47,355
Welayta	474,143	53,589	28,237	48,578	27,485	175,188	141,067
Debub Omo	263,226	39,213	11,012	30,867	5,296	97,003	79,836
Sheka	48,777	5,882	2,822	6,443	2,131	9,690	21,809
Kefa	642,563	91,459	28,657	77,389	18,644	186,462	239,952
Gamo Gofa	492,476	61,512	35,187	47,434	29,050	113,135	206,159
Bench Maji	317,532	40,084	22,705	41,987	13,909	111,914	86,933
Yem Liyu	48,108	6,436	373	1,779	*	*	19,148
Segen Akababi Hizboch	412,601	69,245	20,067	38,951	26,883	114,628	142,826
Alaba Special	130,126	11,635	5,141	15,184	5,682	51,101	41,383
Dawro	162,177	24,199	6,360	17,431	15,581	48,261	50,344
Basketo Special	28,879	4,814	632	2,264	2,977	8,770	9,422
Konta Liyu	79,740	12,785	3,828	9,541	3,955	22,833	26,797
Silite	348,971	36,583	8,639	33,162	15,445	98,457	156,684
Gambela region	210,035	36,232	18,109	24,381	1,372	66,893	63,047
Agnuwak	26,183	3,335	2,756	3,307	*	10,604	6,041
Nuware	107,672	20,705	8,370	10,815	*	32,825	34,405
Mezhenger	42,681	7,065	2,762	4,262	*	13,572	14,483
Itang Special	33,499	5,127	4,222	5,997	*	9,893	8,118
Harari	95,700	17,299	5,761	9,990	5,299	18,346	39,005
Harari	95,700	17,299	5,761	9,990	5,299	18,346	39,005
Dire Dawa Astedader	94,394	10,818	3,201	11,855	5,527	19,974	43,020
Dire Dawa	94,394	10,818	3,201	11,855	5,527	19,974	43,020

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	5,317,392	633,429	338,162	702,924	249,627	806,638	2,586,610
Tigray	718,703	56,773	47,946	104,128	45,758	225,059	239,038
Semen Mirab	226,245	12,834	*	38,906	17,808	88,871	50,447
Mehakelawi	200,924	14,416	9,258	18,690	17,089	*	64,718
Misrakawi	182,879	16,051	15,099	36,405	3,737	34,544	77,043
Debubawi	10,474	-	-	-	-	-	-
Mirabawi	61,563	7,821	-	*	4,193	16,938	23,946
Debub Misrak	36,617	-	-	-	-	5,260	18,406
Afar	-	-	*	*	*	-	*
Zone_1 (Awsiresu)	*	*	-	-	*	-	*
Zone_2 (Kelbetiresu)	*	*	*	*	-	-	*
Zone_3 (Gebiresu)	*	*	-	-	*	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-
Amhara	1,318,404	129,974	61,735	183,464	71,560	234,742	636,929
Semen Gonder	18,656	1,530	-	-	*	*	5,499
Debub Gonder	58,125	-	*	7,273	-	*	29,822
Semen Wello	208,372	*	*	*	*	*	104,704
Debub Wello	239,857	14,995	-	48,693	5,928	*	125,256
Semen Shewa	269,962	17,614	-	*	-	36,938	175,474
Misrak Gojjam	67,913	7,681	*	*	*	*	31,246
Mirab Gojjam	148,783	4,177	-	*	-	-	61,233
Waghimra	27,449	-	-	-	-	-	17,383
Awi	47,325	*	4,690	*	*	*	21,203
Oromiya Liyu Zone	16,829	1,360	*	*	-	-	10,126
Maekelawi Gonder	202,339	18,354	*	26,952	*	76,559	52,695
Mirab Gonder	12,795	1,135	-	-	*	5,239	2,289
Oromia	2,080,989	287,015	124,049	226,004	81,554	224,038	1,138,330
Mirab Wollega	150,859	30,362	30,980	21,204	*	-	58,626
Misrak Wollega	66,790	9,385	*	6,559	-	*	42,127
Ilu Ababor	160,026	30,953	8,016	10,119	3,764	12,234	94,939
Jimma	122,192	18,610	*	12,952	9,663	24,556	56,411
Mirab Shewa	269,095	30,624	14,186	45,917	*	23,850	134,717
Semen Shewa	171,639	21,807	19,059	24,583	*	25,311	77,413
Misrak Shewa	128,486	20,571	-	8,362	3,276	12,070	73,710
Arsi	273,302	36,633	*	11,375	-	21,498	185,224
Mirab Hararghe	33,518	4,593	*	*	*	*	12,694
Mierak Hararge	31,384	2,485	-	*	*	*	17,716
Bale	39,662	-	*	*	*	-	24,307
Borena	-	-	-	-	-	-	-
Debub Mirab Shewa	209,867	30,721	13,481	21,773	3,220	*	125,466
Guji	*	*	-	-	-	-	*
Mirab Guji	*	*	-	-	*	*	*
Oromiya Liyu Zone	110,386	6,112	10,219	20,367	6,317	11,974	55,398
Mirab Arsi	107,403	*	*	17,523	*	*	62,727
Kelem Wollega	67,125	9,155	*	-	*	-	55,473
Horo Guduru Wollega	25,264	2,890	*	*	*	-	13,641
Buno Bedele	17,601	2,534	-	2,165	*	-	11,620

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	1,911	225	225	337	-	-	1,124
Siti	*	*	-	-	-	-	*
Fafan	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-
Erer	1,911	225	225	337	-	-	1,124
Korahe	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-
Benshangul-Gumuz	11,755	1,721	*	1,799	*	*	4,057
Metekel	4,460	*	-	*	*	-	-
Asosa	-	*	*	*	-	*	-
Kemeshi	*	*	*	*	-	*	*
Mao Komo	683	-	*	-	*	*	-
SNNP	1,152,471	152,235	101,598	179,658	49,146	116,860	552,975
Gurage	192,955	26,146	*	18,305	11,186	6,527	125,850
Hadiya	103,495	5,962	-	-	-	-	35,593
Kembata Tembaro	51,796	5,198	2,187	8,671	*	*	30,142
Sidama	107,849	*	*	*	-	-	63,248
Gedeo	26,038	5,842	-	4,392	*	-	11,454
Welayta	43,417	3,477	*	10,615	-	*	20,600
Debub Omo	83,852	20,524	5,615	9,980	2,722	15,275	29,735
Sheka	24,129	4,254	2,756	5,859	*	*	9,273
Kefa	57,638	5,623	5,894	12,843	*	14,150	17,504
Gamo Gofa	232,732	22,587	42,779	24,864	7,956	41,716	92,829
Bench Maji	15,055	3,572	*	5,036	*	*	-
Yem Liyu	1,962	-	*	*	*	-	1,791
Segen Akababi Hizboch	58,949	10,721	-	-	3,704	*	23,536
Alaba Special	12,838	*	*	*	-	*	5,495
Dawro	16,943	1,774	-	-	*	*	8,932
Basketo Special	8,456	1,576	-	572	884	-	3,498
Konta Liyu	4,567	644	*	-	-	-	1,930
Silite	109,801	10,253	2,509	12,803	*	8,564	68,053
Gambela region	19,116	2,732	1,161	4,302	-	1,796	9,032
Agnuwak	145	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	18,971	2,713	1,134	4,286	-	1,796	8,997
Itang Special	-	-	-	-	-	-	-
Harari	5,498	2,136	*	*	*	*	1,678
Harari	5,498	2,136	*	*	*	*	1,678
Dire Dawa Astedader	7,359	482	373	-	*	*	2,982
Dire Dawa	7,359	482	373	-	*	*	2,982

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	3,637,250	327,559	191,899	518,165	163,924	429,100	2,006,602
Tigray	1,365,008	101,192	66,855	206,435	65,200	277,134	648,191
Semen Mirab	140,570	6,900	*	-	-	-	106,018
Mehakelawi	308,015	17,209	14,417	28,249	18,627	*	106,547
Misrakawi	521,867	46,671	35,122	-	18,292	86,769	237,567
Debubawi	65,149	8,098	1,948	18,321	6,640	4,178	25,963
Mirabawi	15,608	-	*	*	-	-	10,359
Debub Misrak	313,798	19,459	14,130	53,947	9,517	55,009	161,736
Afar	7,327	1,043	-	*	-	-	*
Zone_1 (Awsiresu)	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	*	*	-	*	-	-	*
Zone_4 (Fentiresu)	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-
Amhara	799,138	58,927	27,901	112,259	42,622	25,222	532,208
Semen Gonder	37,586	9,449	*	2,142	*	*	21,641
Debub Gonder	150,696	5,498	*	33,846	9,076	*	87,613
Semen Wello	70,575	*	*	*	*	*	55,515
Debub Wello	-	-	*	-	-	*	-
Semen Shewa	159,815	14,147	*	*	4,360	-	110,381
Misrak Gojjam	60,247	-	*	*	*	*	44,414
Mirab Gojjam	75,329	-	*	*	3,500	*	58,991
Waghimra	3,997	*	*	*	*	*	3,997
Awi	58,257	*	-	*	*	*	41,238
Oromiya Liyu Zone	-	-	-	*	*	*	-
Maekelawi Gonder	127,337	14,043	*	18,466	*	-	76,183
Mirab Gonder	14,738	702	2,290	2,850	*	-	4,552
Oromia	1,042,900	111,442	46,860	97,112	45,829	83,162	658,495
Mirab Wollega	-	-	-	-	*	*	-
Misrak Wollega	-	-	*	-	*	*	-
Ilu Ababor	41,293	9,594	-	-	5,497	-	19,983
Jimma	58,394	13,016	-	6,904	-	-	35,363
Mirab Shewa	36,483	-	-	-	*	-	27,516
Semen Shewa	109,316	6,443	-	20,862	*	-	63,892
Misrak Shewa	-	-	*	-	-	-	11,519
Arsi	189,525	21,835	*	-	4,267	-	141,766
Mirab Hararghe	73,300	6,125	-	*	*	*	53,281
Mierak Hararge	62,333	-	-	*	*	*	-
Bale	50,676	3,379	*	*	*	*	36,187
Borena	*	-	-	*	*	-	*
Debub Mirab Shewa	147,037	14,757	23,603	14,407	3,005	*	61,580
Guji	*	*	-	*	-	-	*
Mirab Guji	*	*	*	*	*	*	*
Oromiya Liyu Zone	27,267	-	-	-	-	-	13,962
Mirab Arsi	70,565	*	*	-	*	*	50,522
Kelem Wollega	-	-	-	*	*	-	-
Horo Guduru Wollega	-	-	*	*	*	*	3,206
Buno Bedele	11,253	-	*	-	-	*	8,346

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale							
Siti							
Fafan							
Jerer							
Erer							
Korahe							
Shebele							
Dollo							
Afder							
Liben							
Nogob							
Dawa							
Benshangul-Gumuz	25,770	3,232	*	4,604	*	*	8,178
Metekel	4,642	*	*	*	*	*	1,904
Asosa	8,864	*	*	*	*	*	3,970
Kemeshi	*	-	-	-	-	-	*
Mao Komo	1,311	254	-	380	-	*	170
SNNP	365,366	50,905	47,874	88,107	7,541	-	135,911
Gurage	30,394	-	*	-	-	-	15,642
Hadiya			*	*	*	*	-
Kembata Tembaro	9,371	-	-	-	*	*	-
Sidama		*	*	*	*	*	15,900
Gedeo		-	*	-	*	*	-
Welayta		-	*	-	*	*	16,445
Debub Omo		-	-	-	-	-	-
Sheka	47,478	7,291	6,861	14,258	*	*	16,830
Kefa	117,197	19,783	11,550	24,034	*	-	36,184
Gamo Gofa		-	-	-	-	-	-
Bench Maji	29,281	-	*	10,711	*	*	9,378
Yem Liyu	1,999	272	-	-	*	-	1,301
Segen Akababi Hizboch	8,164	-	*	*	-	*	-
Alaba Special		*	-	*	*	*	-
Dawro	4,436	-	*	*	*	*	3,126
Basketo Special		-	*	-	-	*	-
Konta Liyu		-	*	*	*	*	-
Silite		-	-	-	*	-	6,377
Gambela region							
Agnuwak		*	*	*	*	-	*
Nuware		-	-	-	-	-	-
Mezhenger		-	-	-	*	-	-
Itang Special		-	-	-	-	-	-
Harari	3,387	-	-	*	*	*	-
Harari	3,387	-	-	*	*	*	-
Dire Dawa Astedader	27,822	454	-	8,974	*	*	17,444
Dire Dawa	27,822	454	-	8,974	*	*	17,444

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	6,958,004	1.73	150,257,6	6,680,8	1.73	145,327	94,159	1.82	1,453,94	182,960	2
Tigray	343,243	1.61	5,084,815	257,28	1.6	2,962,0	*	*	*	75,109	2
Semen Mirab	84,520	1.35	955,333	73,997	1.31	811,436	-	-	-	10,523	2
Mehakelawi	74,152	1.41	1,285,963	48,871	1.35	613,295	*	*	*	17,675	1
Misrakawi	78,612	1.74	1,265,256	41,598	1.73	319,186	*	*	*	35,044	2
Debubawi	27,759	1.89	180,006	23,719	1.86	152,189	*	*	*	*	*
Mirabawi	38,516	2.27	1,015,799	34,248	2.31	757,281	*	*	*	*	*
Debub Misrak	39,684	1.81	382,458	34,850	1.85	308,640	*	*	*	4,511	2
Afar	35,216	2.88	344,125	34,355	2.89	327,641	*	*	*	*	*
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	34,447	2.91	336,323	33,586	2.92	319,839	*	*	*	*	*
Zone_3 (Gebiresu)	*	*	*	*	*	*	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-	-	-
Amhara	1,353,537	1.78	17,606,78	1,288,8	1.79	16,872,	23,761	1.68	215,645	40,959	2
Semen Gonder	85,931	1.72	904,694	79,309	1.73	855,550	*	*	*	*	*
Debub Gonder	183,379	1.68	1,220,918	175,09	1.68	1,097,3	*	*	*	*	*
Semen Wello	64,237	1.62	503,210	55,986	1.64	422,482	2,691	1.39	15,254	*	*
Debub Wello	172,364	1.76	1,192,582	167,86	1.79	1,159,8	*	*	*	*	*
Semen Shewa	82,641	1.66	794,784	74,924	1.65	729,031	*	*	*	*	*
Misrak Gojjam	110,204	1.68	*	97,598	1.72	*	*	*	*	*	*
Mirab Gojjam	252,130	1.82	3,147,294	244,56	1.8	3,017,8	*	*	*	5,321	2
Waghimra	130,771	1.79	1,624,908	126,31	1.75	*	*	*	*	*	*
Awi	93,668	1.83	1,057,922	91,090	1.85	1,040,8	*	*	*	*	*
Oromiya Liyu Zone	*	*	*	*	*	*	-	-	-	-	-
Maekelawi Gonder	138,781	2.03	1,588,605	137,04	2.05	1,574,4	-	-	-	*	*
Mirab Gonder	25,446	2.12	266,356	25,039	2.13	255,784	-	-	-	*	*
Oromia	3,782,186	1.61	60,991,87	3,702,3	1.62	59,777,	38,520	1.64	688,569	41,282	*
Mirab Wollega	493,849	1.37	*	484,32	1.38	*	*	1.34	*	*	*
Misrak Wollega	172,194	1.18	724,054	167,35	1.16	619,617	*	*	*	*	*
Ilu Ababor	694,628	1.39	6,649,602	689,08	1.4	6,621,9	*	*	*	*	*
Jimma	647,294	1.7	*	619,70	1.69	*	2,796	1.64	61,952	*	*
Mirab Shewa	145,007	1.59	746,534	141,18	1.6	717,387	2,551	2	22,775	*	*
Semen Shewa	51,761	1.69	474,324	50,477	1.7	448,635	*	*	*	-	-
Misrak Shewa	9,196	2.15	*	9,196	2.15	*	-	-	-	-	-
Arsi	92,075	1.75	684,139	90,650	1.72	654,295	*	*	*	-	-
Mirab Hararghe	59,494	1.9	525,414	59,010	1.86	519,600	*	*	*	-	-
Mierak Hararge	54,796	1.72	570,659	51,314	1.73	478,980	-	-	-	*	*
Bale	432,151	1.82	5,201,163	432,15	1.82	5,201,1	-	-	-	-	-
Borena	11,862	1.99	89,384	10,525	2.03	80,584	*	*	*	581	*
Debub Mirab Shewa	62,791	1.82	333,777	59,750	1.82	300,045	*	*	*	-	-
Guji	258,829	1.64	2,861,007	255,88	1.65	2,765,3	*	*	*	-	-
Mirab Guji	92,766	1.45	980,852	91,083	1.47	976,925	*	*	*	*	*
Oromiya Liyu Zone	*	1.6	*	*	1.61	*	*	*	*	*	*
Mirab Arsi	34,518	1.69	305,295	34,518	1.69	305,295	-	-	-	-	-
Kelem Wollega	160,466	1.5	1,082,222	155,40	1.52	1,063,1	*	-	-	*	*
Horo Guduru Wollega	165,354	1.3	*	164,54	1.31	*	*	*	*	-	-
Buno Bedele	100,378	1.45	497,667	98,732	1.43	479,321	*	*	*	*	*

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	*	2.1	484,800	*	2.09	*	*	*	*	*	-
Siti	*	*	*	*	*	*	*	-	-	-	-
Fafan	676	2.29	*	548	2	*	*	*	*	*	-
Jerer	-	-	-	-	-	-	-	-	-	-	-
Erer	5,712	2.21	*	5,152	2.07	40,851	*	*	*	*	-
Korahe	-	-	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-	-	-
Afder	*	*	*	*	*	*	*	-	-	-	-
Liben	*	2.11	*	*	2.11	*	*	*	*	*	-
Nogob	-	-	-	-	-	-	-	-	-	-	-
Dawa	7,148	*	37,739	7,148	*	37,739	-	-	-	-	-
Benshangul-Gumuz	153,781	1.45	1,687,07	153,472	1.43	1,682,	-	-	-	*	*
Metekel	40,438	1.23	178,715	40,321	1.2	175,91	-	-	-	*	*
Asosa	47,964	1.63	*	47,771	1.62	*	-	-	-	*	*
Kemeshi	31,364	*	283,137	31,364	*	283,13	-	-	-	-	-
Mao Komo	34,015	1.63	480,196	34,015	1.63	480,19	-	-	-	-	-
SNNP	1,155,017	1.93	62,392,4	1,113,26	1.9	61,640	18,362	2.3	164,362	23,389	3
Gurage	44,723	2.3	*	39,321	2.26	*	*	*	*	*	*
Hadiya	100,308	2.42	939,763	99,082	2.31	877,61	*	*	*	*	*
Kembata Tembaro	36,616	2.38	264,905	35,409	2.41	262,71	*	*	*	*	*
Sidama	*	1.94	*	*	1.94	*	*	*	-	-	-
Gedeo	40,041	1.4	*	39,794	1.41	*	*	*	*	*	-
Welayta	48,195	2.18	386,061	41,171	2.15	320,06	4,503	2.5	42,560	*	*
Debub Omo	123,463	2.16	23,496,3	123,463	2.16	23,496	-	-	-	-	-
Sheka	148,467	1.21	1,735,65	144,735	1.18	1,644,	*	*	*	*	*
Kefa	223,018	1.19	*	209,038	1.16	*	*	*	*	*	*
Gamo Gofa	79,975	1.9	274,080	78,573	1.89	270,26	*	*	*	*	*
Bench Maji	71,137	2.2	2,232,72	70,974	2.2	2,226,	-	-	-	*	*
Yem Liyu	*	*	*	*	*	*	-	-	-	-	-
Segen Akababi Hizboch	50,007	1.48	288,405	49,563	1.47	286,80	*	*	*	-	-
Alaba Special	14,066	1.89	153,004	12,646	1.97	129,28	-	-	-	1,421	1
Dawro	31,913	2.59	309,335	30,208	2.52	296,35	*	*	*	*	*
Basketo Special	7,526	2.01	57,111	7,456	2.01	56,549	-	-	-	*	*
Konta Liyu	14,909	*	*	14,673	*	*	*	*	*	-	-
Silite	42,497	1.86	*	41,203	1.85	*	-	-	-	*	*
Gambela region	48,337	2.75	1,556,26	47,123	2.76	1,533,	*	*	*	*	*
Agnuwak	*	*	*	*	*	*	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	43,005	2.7	1,419,50	41,792	2.71	1,397,	*	*	*	*	*
Itang Special	-	-	-	-	-	-	-	-	-	-	-
Harari	4,408	1.42	*	3,745	1.45	12,149	*	-	-	*	*
Harari	4,408	1.42	*	3,745	1.45	12,149	*	-	-	*	*
Dire Dawa Astedader	*	2	*	*	2	*	-	-	-	-	-
Dire Dawa	*	2	*	*	2	*	-	-	-	-	-

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	11,650,156	5,569,491	6,080,665	4,274,336	2,645,242	1,629,093	623,796	277,322	346,473
Tigray	812,670	374,341	438,330	249,199	181,353	67,846	16,883	7,946	8,936
Semen Mirab	314,178	147,327	166,851	25,602	20,438	5,163	*	*	*
Mehakelawi	96,802	41,812	54,990	83,510	58,578	24,932	6,219	*	3,692
Misrakawi	64,172	31,728	32,443	37,095	27,133	9,962	*	*	*
Debubawi	61,218	32,402	28,816	23,128	18,018	5,110	*	*	*
Mirabawi	189,736	75,751	113,985	13,352	8,575	4,777	*	*	*
Debub Misrak	86,565	45,321	41,244	66,512	48,611	17,902	-	-	-
Afar	552,097	236,034	316,063	5,497	3,346	*	551	*	*
Zone_1 (Awsiresu)	261,891	105,175	156,716	*	*	*	-	-	-
Zone_2 (Kelbetiresu)	20,209	10,270	*	*	*	-	-	-	-
Zone_3 (Gebiresu)	166,119	74,887	91,232	*	*	*	551	*	*
Zone_4 (Fentiresu)	18,286	6,619	11,667	*	-	*	-	-	-
Zone_5 (Hariresu)	85,592	39,082	46,510	*	*	*	-	-	-
Amhara	2,514,592	1,228,575	1,286,017	1,305,865	926,047	379,819	74,880	34,732	40,148
Semen Gonder	121,589	58,749	62,840	54,244	37,210	17,035	6,243	*	*
Debub Gonder	283,713	151,768	131,945	119,530	81,066	38,463	*	*	*
Semen Wello	157,458	80,332	77,126	107,083	78,755	28,328	*	*	*
Debub Wello	303,420	137,393	166,028	166,922	117,734	49,188	10,690	6,083	*
Semen Shewa	159,008	82,499	76,509	155,417	124,564	30,854	10,499	*	7,232
Misrak Gojjam	194,641	101,714	92,927	178,184	119,438	58,746	*	*	*
Mirab Gojjam	362,877	177,384	185,493	270,026	202,986	67,041	*	*	*
Waghimra	71,475	34,391	37,084	17,415	13,095	4,319	*	*	*
Awi	242,076	113,444	128,632	88,912	50,130	38,782	3,425	1,883	1,542
Oromiya Liyu Zone	59,971	31,498	28,473	18,796	13,420	5,376	*	*	1,065
Maekelawi Gonder	472,577	222,179	250,398	117,939	81,467	36,473	6,989	2,472	4,517
Mirab Gonder	85,787	37,225	48,562	11,397	6,183	5,214	845	294	551
Oromia	4,311,876	2,081,955	2,229,921	1,772,594	1,085,887	686,707	346,281	165,915	180,365
Mirab Wollega	184,846	90,388	94,458	110,836	68,165	42,671	21,645	8,738	12,907
Misrak Wollega	173,904	92,123	81,781	73,330	47,304	26,026	16,009	7,284	8,724
Ilu Ababor	181,080	87,475	93,605	93,697	51,321	42,376	23,761	9,113	14,648
Jimma	387,957	187,713	200,243	165,897	110,551	55,346	95,839	52,609	43,229
Mirab Shewa	355,242	169,100	186,142	166,516	106,115	60,401	19,810	11,500	8,310
Semen Shewa	198,864	99,051	99,812	88,663	66,742	21,921	*	*	*
Misrak Shewa	139,643	60,550	79,093	43,005	33,460	9,545	2,854	*	*
Arsi	492,637	247,905	244,731	238,362	170,396	67,966	*	*	*
Mirab Hararghe	225,055	103,684	121,371	90,630	46,647	43,982	12,578	5,143	7,436
Mierak Hararge	230,938	124,852	106,086	83,201	28,421	54,779	25,736	8,143	17,593
Bale	344,381	151,795	192,586	71,112	44,332	26,781	9,961	3,823	6,137
Borena	151,342	61,713	89,629	13,063	6,143	*	1,106	*	596
Debub Mirab Shewa	147,265	74,464	72,801	134,229	77,039	57,190	24,468	11,370	13,098
Guji	202,309	101,708	100,601	55,749	26,953	28,796	*	*	-
Mirab Guji	79,319	40,719	38,601	41,600	13,389	28,211	*	-	*
Oromiya Liyu Zone	133,464	64,320	69,144	78,281	52,135	26,146	7,314	3,584	3,730
Mirab Arsi	408,495	187,617	220,878	103,696	60,805	42,891	*	*	*
Kelem Wollega	97,297	41,659	55,638	60,390	42,356	18,034	*	*	*
Horo Guduru Wollega	90,614	47,557	43,057	40,783	20,945	19,838	*	*	*
Buno Bedele	87,225	47,560	39,665	19,552	12,666	6,886	7,372	3,536	3,836

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	736,449	323,821	412,629	17,990	8,172	9,818	3,779	*	2,748
Siti	10,084	5,863	4,220	*	*	*	*	*	*
Fafan	97,265	43,954	53,311	3,080	1,213	1,867	*	*	*
Jerer	19,879	10,894	8,985	*	*	*	-	-	-
Erer	92,183	32,865	59,318	-	-	-	-	-	-
Korahe	78,867	24,466	54,401	691	442	249	91	-	91
Shebele	72,403	37,055	35,348	576	91	484	-	-	-
Dollo	7,044	3,364	3,680	-	-	-	-	-	-
Afder	112,409	47,098	65,312	2,957	*	1,976	*	-	*
Liben	202,052	101,405	100,647	7,304	*	3,894	*	*	*
Nogob	8,372	3,019	5,353	-	-	-	-	-	-
Dawa	35,891	13,837	22,054	*	*	*	827	*	671
Benshangul-Gumuz	141,389	70,989	70,400	48,547	23,808	24,738	1,121	*	1,020
Metekel	15,756	7,574	8,182	9,617	3,370	6,248	*	-	*
Asosa	111,158	55,281	55,877	34,173	17,631	16,543	*	*	*
Kemeshi	12,355	7,035	5,320	3,290	1,947	1,343	-	-	-
Mao Komo	2,120	1,100	1,021	1,466	861	605	*	*	*
SNNP	2,479,730	1,203,798	1,275,932	863,517	410,958	452,559	177,389	66,281	111,107
Gurage	188,707	93,851	94,856	57,447	29,280	28,167	18,088	4,671	13,417
Hadiya	208,067	99,871	108,196	59,922	36,014	23,908	26,718	10,817	15,901
Kembata Tembaro	79,167	36,242	42,925	43,274	20,449	22,825	9,291	2,354	6,937
Sidama	530,826	279,971	250,856	127,355	25,031	102,324	10,125	*	8,529
Gedeo	16,988	7,609	9,379	21,944	16,121	5,823	*	*	*
Welayta	199,204	105,025	94,178	109,947	52,746	57,201	6,357	3,397	2,960
Debub Omo	272,230	125,420	146,810	29,913	15,521	14,392	12,816	2,853	9,963
Sheka	33,841	17,002	16,839	13,920	6,063	7,858	5,588	1,535	4,053
Kefa	222,997	109,030	113,967	89,226	49,910	39,317	22,743	7,838	14,905
Gamo Gofa	337,283	156,031	181,251	136,022	63,672	72,350	22,162	11,568	10,594
Bench Maji	63,900	28,251	35,649	34,027	17,895	16,133	16,400	6,618	9,783
Yem Liyu	8,926	2,961	5,965	5,378	3,777	1,601	*	702	*
Segen Akababi Hizboch	69,555	32,939	36,615	24,635	18,471	6,164	4,284	3,203	*
Alaba Special	33,931	15,074	18,857	10,112	5,079	5,034	3,662	1,821	1,842
Dawro	69,831	31,514	38,317	44,137	20,182	23,954	3,456	739	2,717
Basketo Special	11,781	6,442	5,339	8,720	4,565	4,155	1,170	636	535
Konta Liyu	18,571	9,006	9,565	14,029	7,550	6,478	*	*	*
Silite	113,926	47,557	66,369	33,509	18,633	14,875	8,764	4,094	4,670
Gambela region	73,729	35,163	38,566	4,427	1,829	2,598	1,027	*	688
Agnuwak	899	599	301	659	516	143	-	-	-
Nuware	61,109	28,484	32,624	*	*	*	*	-	*
Mezhenger	4,876	2,785	2,092	2,644	803	1,841	*	*	*
Itang Special	6,845	3,295	3,550	*	*	*	*	*	*
Harari	13,125	6,444	6,681	3,514	2,439	1,075	*	*	*
Harari	13,125	6,444	6,681	3,514	2,439	1,075	*	*	*
Dire Dawa Astedader	14,499	8,372	6,127	3,184	1,404	1,781	1,300	516	784
Dire Dawa	14,499	8,372	6,127	3,184	1,404	1,781	1,300	516	784

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	14,099,572	6,669,893	7,429,679	4,679,292	2,601,018	2,078,274	473,853	121,411	352,441
Tigray	665,385	287,339	378,046	270,162	137,300	132,861	10,288	4,637	5,651
Semen Mirab	124,165	44,593	79,572	15,583	*	*	*	-	*
Mehakelawi	174,708	70,051	104,657	60,498	17,840	42,658	*	*	*
Misrakawi	210,746	103,450	107,296	70,639	31,420	39,219	*	*	*
Debubawi	53,869	24,015	29,854	46,805	31,920	14,885	*	*	*
Mirabawi	*	*	*	*	*	*	-	-	-
Debub Misrak	76,081	35,871	40,211	68,022	47,048	20,974	*	*	*
Afar	1,558,885	682,239	876,645	23,238	9,409	13,829	5,572	2,505	3,067
Zone_1 (Awsiresu)	837,819	354,265	483,554	13,299	*	*	*	*	*
Zone_2 (Kelbetiresu)	84,934	31,636	53,299	3,818	1,595	2,224	*	*	*
Zone_3 (Gebiresu)	387,869	181,951	205,918	*	*	*	*	*	*
Zone_4 (Fentiresu)	86,304	33,445	52,858	*	*	*	*	*	-
Zone_5 (Hariresu)	161,959	80,942	81,016	817	*	*	*	-	*
Amhara	4,718,837	2,332,454	2,386,383	2,189,018	1,287,203	901,814	145,995	29,637	116,358
Semen Gonder	270,319	126,263	144,056	130,969	83,521	47,448	6,093	*	4,069
Debub Gonder	620,915	292,220	328,695	143,173	72,370	70,803	*	*	*
Semen Wello	456,764	215,137	241,626	182,245	99,589	82,657	11,548	*	*
Debub Wello	560,773	294,673	266,100	320,314	158,341	161,973	*	*	*
Semen Shewa	667,182	327,471	339,711	188,955	128,391	60,564	73,086	16,863	56,224
Misrak Gojjam	608,853	309,986	298,867	354,215	213,811	140,404	*	*	*
Mirab Gojjam	682,261	349,835	332,426	425,685	249,208	176,477	8,170	*	*
Waghimra	87,693	41,276	46,417	14,857	3,773	11,084	*	*	*
Awi	256,395	128,216	128,179	212,175	152,786	59,389	*	-	*
Oromiya Liyu Zone	20,626	10,515	10,110	33,441	23,913	9,528	*	-	*
Maekelawi Gonder	475,862	231,993	243,869	179,197	99,663	79,534	*	*	*
Mirab Gonder	11,195	4,868	6,327	3,790	1,836	1,954	*	*	*
Oromia	3,441,529	1,660,638	1,780,891	1,493,855	864,707	629,148	209,294	58,459	150,835
Mirab Wollega	173,061	83,779	89,282	88,516	41,451	47,066	10,833	*	10,368
Misrak Wollega	118,407	55,085	63,322	49,566	31,895	17,671	7,115	*	5,691
Ilu Ababor	128,759	64,033	64,726	55,344	16,123	39,221	12,601	2,111	10,490
Jimma	257,720	122,834	134,886	94,094	43,970	50,124	60,359	*	47,153
Mirab Shewa	440,407	209,916	230,491	131,914	70,721	61,194	19,820	*	10,316
Semen Shewa	382,188	181,164	201,024	221,361	164,906	56,455	*	*	*
Misrak Shewa	145,623	70,772	74,851	54,090	*	14,941	*	-	*
Arsi	437,654	223,462	214,192	194,706	102,780	91,926	*	*	*
Mirab Hararghe	53,759	26,759	27,000	16,078	6,017	10,061	2,184	*	*
Mierak Hararge	102,079	47,626	54,453	43,275	17,274	26,001	5,134	*	3,756
Bale	113,171	54,913	58,258	29,701	5,072	24,629	*	-	*
Borena	99,972	40,988	58,984	6,945	*	4,821	-	-	-
Debub Mirab Shewa	113,397	61,663	51,734	71,428	54,893	16,535	7,497	4,366	*
Guji	105,146	49,096	56,050	27,837	8,320	19,517	*	*	*
Mirab Guji	68,522	34,842	33,680	36,735	11,541	25,194	*	-	*
Oromiya Liyu Zone	181,331	91,629	89,702	78,191	60,801	17,390	4,889	*	4,275
Mirab Arsi	336,446	146,090	190,356	64,241	15,318	48,923	*	-	*
Kelem Wollega	72,877	39,749	33,128	*	*	*	*	-	*
Horo Guduru Wollega	64,941	30,628	34,312	23,086	13,011	10,076	783	-	783
Buno Bedele	46,068	25,610	20,458	12,219	5,162	7,057	*	-	*

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	2,151,480	972,333	1,179,147	60,857	22,335	38,523	18,107	7,405	10,702
Siti	17,214	7,359	9,855	1,703	1,346	*	459	*	425
Fafan	305,519	139,259	166,261	22,487	9,215	13,272	*	*	*
Jerer	450,662	221,551	229,112	*	*	*	*	*	*
Erer	131,022	46,907	84,115	-	-	-	-	-	-
Korahe	149,046	57,333	91,713	-	-	-	65	65	-
Shebele	87,634	44,035	43,600	868	766	101	228	228	-
Dollo	176,058	71,952	104,106	3,234	647	2,587	638	293	345
Afder	319,774	148,396	171,378	6,940	2,102	4,838	*	*	*
Liben	449,648	212,761	236,887	23,233	6,979	16,253	10,064	*	5,525
Nogob	18,680	6,126	12,554	-	-	-	-	-	-
Dawa	46,223	16,656	29,567	798	*	340	1,359	349	1,011
Benshangul-Gumuz	40,099	20,653	19,446	21,326	10,900	10,426	*	*	*
Metekel	4,560	1,822	2,737	6,829	4,044	2,785	*	*	-
Asosa	29,485	15,657	13,828	13,149	6,595	6,554	*	*	*
Kemeshi	1,467	*	*	*	*	*	-	-	-
Mao Komo	4,586	2,185	2,401	1,029	183	846	*	*	*
SNNP	1,487,160	695,413	791,747	613,157	265,144	348,013	82,432	18,064	64,368
Gurage	93,220	41,296	51,924	53,006	24,972	28,034	*	*	*
Hadiya	77,647	35,517	42,130	29,857	15,109	14,748	6,376	*	5,525
Kembata Tembaro	11,548	4,477	7,071	15,522	9,522	6,000	2,454	*	*
Sidama	156,740	81,984	74,756	58,198	14,624	43,573	-	-	-
Gedeo	70,807	36,838	33,968	42,289	15,381	26,908	*	-	*
Welayta	52,169	19,724	32,445	54,305	27,166	27,139	3,987	*	3,242
Debub Omo	261,334	108,873	152,460	16,927	3,934	12,993	*	*	5,166
Sheka	30,522	15,761	14,761	24,713	15,646	9,066	4,656	*	2,933
Kefa	224,217	105,294	118,924	132,665	62,843	69,822	*	*	*
Gamo Gofa	152,051	74,587	77,463	65,031	24,801	40,230	18,058	*	17,018
Bench Maji	64,769	33,371	31,397	37,294	16,086	21,208	3,979	*	3,879
Yem Liyu	5,818	3,142	2,677	1,464	*	880	*	*	*
Segen Akababi Hizboch	88,112	40,884	47,228	18,969	9,522	9,447	*	*	*
Alaba Special	25,949	12,569	13,380	4,086	1,737	2,350	2,244	*	1,908
Dawro	15,442	7,481	7,962	15,398	4,689	10,710	2,760	*	2,187
Basketo Special	4,938	2,264	2,674	*	*	3,943	*	*	*
Konta Liyu	3,299	2,084	1,215	5,660	3,717	1,943	*	*	-
Silite	148,579	69,266	79,312	26,982	7,961	19,021	5,831	*	5,516
Gambela region	11,484	5,775	5,709	3,807	1,880	1,928	*	*	*
Agnuwak	*	*	*	*	*	-	*	*	*
Nuware	4,992	2,672	2,320	*	*	*	-	-	-
Mezhenger	5,223	2,323	2,900	2,932	1,431	1,501	*	-	*
Itang Special	*	*	473	*	*	*	-	-	-
Harari	1,138	380	*	*	*	*	-	-	-
Harari	1,138	380	*	*	*	*	-	-	-
Dire Dawa Astedader	23,575	12,668	10,907	3,412	1,965	*	1,262	*	1,118
Dire Dawa	23,575	12,668	10,907	3,412	1,965	*	1,262	*	1,118

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	16,619,111	7,494,349	9,124,762	2,937,614	1,286,485	1,651,129	339,304	85,522	253,782
Tigray	1,807,717	795,569	1,012,148	339,250	138,101	201,149	20,592	8,367	12,225
Semen Mirab	921,801	425,665	496,136	106,989	33,446	73,543	*	*	*
Mehakelawi	345,870	141,805	204,065	67,376	26,257	41,119	*	*	*
Misrakawi	68,934	34,892	34,043	20,464	11,109	9,355	*	*	-
Debubawi	57,682	26,730	30,952	24,030	11,350	12,680	*	*	-
Mirabawi	297,680	118,200	179,480	53,880	25,858	28,022	*	*	*
Debub Misrak	115,751	48,278	67,473	66,510	30,080	36,430	*	*	*
Afar	2,919,711	1,206,055	1,713,656	31,980	14,854	17,126	8,318	2,007	6,311
Zone_1 (Awsiresu)	1,306,619	537,600	769,019	*	*	6,776	*	-	*
Zone_2 (Kelbetiresu)	497,436	165,498	331,938	5,225	814	4,411	3,619	*	2,435
Zone_3 (Gebiresu)	546,082	253,023	293,059	7,742	3,611	4,131	*	*	*
Zone_4 (Fentiresu)	186,281	67,936	118,345	*	*	*	*	*	*
Zone_5 (Hariresu)	383,293	181,998	201,295	*	*	*	*	-	*
Amhara	3,191,060	1,556,611	1,634,449	1,047,895	539,876	508,019	74,411	22,029	52,382
Semen Gonder	350,098	157,832	192,266	86,801	45,288	41,513	*	*	*
Debub Gonder	422,678	208,628	214,050	78,038	35,441	42,597	*	*	*
Semen Wello	291,332	146,253	145,078	91,312	29,846	61,466	*	*	*
Debub Wello	535,610	280,160	255,450	273,534	122,230	151,303	30,510	8,595	21,915
Semen Shewa	290,757	149,894	140,863	109,745	65,919	43,827	12,712	4,744	*
Misrak Gojjam	147,820	67,268	80,551	*	*	28,740	*	*	*
Mirab Gojjam	127,103	67,677	59,426	*	*	8,544	-	-	-
Waghimra	247,236	114,754	132,482	28,831	13,547	15,284	*	*	*
Awi	*	*	*	*	*	*	*	*	*
Oromiya Liyu Zone	68,810	34,896	33,914	32,723	17,550	15,172	3,391	*	3,241
Maekelawi Gonder	506,040	236,501	269,539	146,465	76,197	70,269	*	*	*
Mirab Gonder	92,389	42,989	49,401	19,486	8,191	11,295	*	*	-
Oromia	3,008,301	1,409,750	1,598,551	885,918	376,883	509,036	115,941	18,973	96,968
Mirab Wollega	64,457	27,899	*	*	*	*	*	*	*
Misrak Wollega	79,600	35,647	43,952	29,726	12,233	17,493	1,448	-	1,448
Ilu Ababor	47,119	21,852	25,267	20,824	4,740	16,084	9,033	*	7,871
Jimma	226,366	112,810	113,556	51,262	19,366	31,896	35,195	*	33,782
Mirab Shewa	171,888	82,709	89,179	28,969	6,351	22,618	*	*	*
Semen Shewa	82,226	35,550	46,676	40,957	23,937	17,020	*	-	*
Misrak Shewa	139,273	61,122	78,151	24,920	9,824	15,096	*	*	-
Arsi	368,289	176,229	192,060	137,832	*	85,753	*	*	*
Mirab Hararghe	390,377	179,563	210,814	117,582	58,600	58,982	*	*	*
Mierak Hararge	376,673	183,121	193,552	105,375	44,194	61,180	27,003	*	23,922
Bale	375,885	170,917	204,967	61,197	22,508	38,690	5,371	*	2,892
Borena	169,086	68,355	100,732	12,376	2,123	10,253	*	1,221	*
Debub Mirab Shewa	126,965	67,317	59,648	39,601	12,504	27,098	*	-	*
Guji	95,445	44,987	50,458	25,460	*	22,342	-	-	-
Mirab Guji	29,269	16,014	13,256	*	*	*	*	-	*
Oromiya Liyu Zone	24,968	14,821	10,147	4,702	1,458	3,245	-	-	-
Mirab Arsi	92,582	38,774	53,808	29,021	11,922	17,099	*	-	*
Kelem Wollega	40,570	21,787	18,784	73,068	53,815	19,252	*	*	*
Horo Guduru Wollega	62,990	30,008	32,981	23,653	*	10,167	*	*	*
Buno Bedele	44,273	20,268	24,005	13,687	3,776	9,911	1,828	*	1,679

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	3,872,455	1,697,060	2,175,395	108,862	40,849	68,013	30,285	8,016	22,269
Siti	112,896	46,710	66,186	2,983	1,574	1,409	3,280	570	2,709
Fafan	162,836	72,567	90,268	7,530	3,834	3,697	-	-	-
Jerer	506,952	254,619	252,333	*	*	*	*	*	*
Erer	171,516	61,324	110,191	848	283	566	-	-	-
Korahe	202,822	81,565	121,258	65	-	65	254	60	194
Shebele	214,019	104,200	109,819	395	111	284	5,558	2,488	3,071
Dollo	254,143	104,729	149,414	8,354	2,581	5,773	782	146	636
Afder	835,880	382,548	453,332	13,639	4,551	9,088	*	*	*
Liben	1,286,855	545,352	741,504	71,618	26,014	45,604	13,862	3,430	10,432
Nogob	14,744	5,414	9,329	-	-	-	-	-	-
Dawa	109,792	38,032	71,760	2,927	1,646	1,281	1,459	447	1,012
Benshangul-Gumuz	245,939	108,004	137,935	51,354	14,348	37,006	3,330	1,223	2,106
Metekel	119,436	47,569	71,867	23,941	5,988	17,954	*	*	*
Asosa	82,496	39,484	43,012	17,456	6,287	11,168	2,385	*	1,501
Kemeshi	37,106	17,591	19,515	8,301	*	6,587	-	-	-
Mao Komo	6,901	3,361	3,541	1,656	360	1,296	*	-	*
SNNP	1,405,507	636,748	768,759	444,921	148,815	296,106	79,521	23,621	55,899
Gurage	34,989	18,711	16,278	16,236	7,256	8,980	1,625	*	*
Hadiya	77,585	33,813	43,771	30,342	9,472	20,870	9,897	*	9,079
Kembata Tembaro	23,828	11,878	11,950	16,648	5,640	11,009	5,011	1,652	3,360
Sidama	107,567	51,858	55,709	54,323	14,600	39,723	*	-	*
Gedeo	1,250	*	*	*	*	*	*	-	*
Welayta	54,225	22,285	31,939	47,976	20,211	27,765	*	*	2,971
Debub Omo	482,976	199,473	283,503	32,767	7,765	25,003	24,765	*	11,912
Sheka	7,996	4,403	3,593	5,460	1,398	4,062	1,834	*	1,602
Kefa	88,949	42,668	46,281	56,283	21,218	35,065	4,144	*	3,823
Gamo Gofa	189,046	94,827	94,219	65,386	15,823	49,563	*	*	*
Bench Maji	39,449	16,354	23,095	25,517	10,295	15,223	2,299	*	*
Yem Liyu	17,010	8,791	8,219	2,170	397	1,773	681	*	645
Segen Akababi Hizboch	138,604	65,696	72,908	30,600	11,649	18,951	*	*	*
Alaba Special	31,487	14,990	16,497	6,848	2,069	4,779	3,310	*	2,919
Dawro	22,592	11,945	10,647	14,564	5,682	8,882	421	*	*
Basketo Special	4,070	1,938	2,132	3,465	*	1,971	-	-	-
Konta Liyu	7,737	3,558	4,179	6,529	2,831	3,698	*	-	*
Silite	76,149	33,145	43,004	28,977	10,721	18,256	*	*	*
Gambela region	40,089	20,579	19,510	4,124	1,106	3,018	660	*	595
Agnuwak	1,949	1,159	791	327	75	*	*	*	*
Nuware	31,870	16,316	15,554	1,595	*	1,215	*	-	*
Mezhenger	1,922	1,065	857	1,862	*	1,269	*	-	*
Itang Special	4,347	2,039	2,308	340	*	283	*	*	*
Harari	30,640	17,891	12,749	9,937	6,475	3,462	1,938	*	1,662
Harari	30,640	17,891	12,749	9,937	6,475	3,462	1,938	*	1,662
Dire Dawa Astedader	97,691	46,082	51,609	13,373	5,179	8,193	4,309	946	3,363
Dire Dawa	97,691	46,082	51,609	13,373	5,179	8,193	4,309	946	3,363

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	160,667	80,332	80,335	231,287	155,573	75,714	12,792	5,244	7,548
Tigray	*	*	*	*	*	-	*	-	*
Semen Mirab	-	-	-	-	-	-	-	-	-
Mehakelawi	-	-	-	-	-	-	*	-	*
Misrakawi	-	-	-	*	*	-	-	-	-
Debubawi	-	-	-	-	-	-	-	-	-
Mirabawi	*	*	*	-	-	-	-	-	-
Debub Misrak	-	-	-	-	-	-	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
Amhara	32,214	14,759	17,455	57,177	31,771	25,405	*	*	*
Semen Gonder	3,003	*	1,875	*	*	*	*	*	*
Debub Gonder	*	-	*	*	*	-	-	-	-
Semen Wello	*	*	*	11,203	*	5,050	-	-	-
Debub Wello	*	*	*	3,502	*	*	-	-	-
Semen Shewa	9,010	4,176	4,834	*	*	*	-	-	-
Misrak Gojjam	6,785	4,431	*	11,413	6,693	*	-	-	-
Mirab Gojjam	*	-	*	*	*	*	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-
Awi	3,815	2,560	1,255	11,210	6,164	5,046	*	-	*
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-
Maekelawi Gonder	*	*	*	*	*	*	-	-	-
Mirab Gonder	-	-	-	-	-	-	-	-	-
Oromia	103,397	52,214	51,183	130,312	92,485	37,827	8,280	3,165	5,115
Mirab Wollega	-	-	-	-	-	-	-	-	-
Misrak Wollega	*	-	*	*	*	-	-	-	-
Ilu Ababor	*	*	3,558	10,495	5,521	4,974	*	*	*
Jimma	8,064	*	4,142	5,920	4,746	*	-	-	-
Mirab Shewa	20,067	11,571	8,496	19,488	10,933	8,555	*	*	*
Semen Shewa	*	*	*	*	*	*	*	*	*
Misrak Shewa	-	-	-	2,136	2,136	-	-	-	-
Arsi	30,246	11,495	18,750	27,351	17,609	9,742	-	-	-
Mirab Hararghe	-	-	-	-	-	-	-	-	-
Mierak Hararge	-	-	-	-	-	-	-	-	-
Bale	*	*	*	6,862	6,422	*	-	-	-
Borena	-	-	-	*	-	*	-	-	-
Debub Mirab Shewa	*	*	*	14,554	12,951	*	*	-	*
Guji	2,920	*	*	*	*	*	-	-	-
Mirab Guji	*	*	*	*	*	*	-	-	-
Oromiya Liyu Zone	2,162	1,544	*	5,002	3,751	*	*	*	-
Mirab Arsi	13,009	6,623	6,386	11,784	7,434	*	*	-	*
Kelem Wollega	-	-	-	*	*	-	-	-	-
Horo Guduru Wollega	1,975	1,225	*	1,912	1,330	582	-	-	-
Buno Bedele	945	539	*	1,626	1,050	*	*	-	*

TABLE 3-19 - d CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	150	-	-	-	-	-	-
Siti	*	*	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	375	225	150	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	*	*	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	*	-	-	-	-	-	-
Metekel	*	*	*	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	22,038	11,352	10,686	42,812	30,331	12,481	3,008	1,688	*
Gurage	*	*	-	6,662	5,040	1,622	-	-	-
Hadiya	*	*	*	*	*	*	-	-	-
Kembata Tembaro	*	-	*	*	*	*	-	-	-
Sidama	*	*	*	*	*	-	-	-	-
Gedeo	*	*	*	1,679	1,160	*	-	-	-
Welayta	-	-	-	-	-	-	-	-	-
Debub Omo	761	-	761	1,678	754	924	-	-	-
Sheka	*	*	-	1,536	1,045	*	-	-	-
Kefa	5,379	3,234	2,145	17,658	15,379	2,279	*	*	*
Gamo Gofa	*	*	*	*	*	*	*	*	-
Bench Maji	*	*	-	738	*	*	*	-	*
Yem Liyu	*	*	-	-	-	-	*	-	*
Segen Akababi Hizboch	-	-	-	*	-	*	*	*	-
Alaba Special	-	-	-	*	*	*	*	*	-
Dawro	*	*	-	1,764	1,489	*	-	-	-
Basketo Special	-	-	-	*	*	-	-	-	-
Konta Liyu	*	-	*	*	*	*	*	*	-
Silite	*	*	*	1,340	*	*	*	*	*
Gambela region	-	-	-	*	*	-	-	-	-
Agnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Dire Dawa Astedader	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

e. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	872,465	457,022	415,443	1,175,735	698,647	477,088	51,664	20,248	31,416
Tigray	68,207	38,076	30,131	122,567	78,670	43,897	1,671	*	*
Semen Mirab	15,387	7,994	7,393	19,222	9,823	9,399	-	-	-
Mehakelawi	7,715	4,776	2,938	37,999	22,994	15,005	*	*	*
Misrakawi	12,358	7,285	5,073	15,765	11,066	4,699	*	*	-
Debubawi	6,662	4,316	2,347	8,364	4,629	3,735	*	-	*
Mirabawi	5,765	2,022	3,743	9,540	8,148	*	-	-	-
Debub Misrak	20,321	11,683	8,637	31,677	22,010	9,667	*	-	*
Afar	29,268	19,789	9,479	8,390	6,713	1,677	*	*	*
Zone_1 (Awsiresu)	*	7,782	*	1,626	*	*	-	-	-
Zone_2 (Kelbetiresu)	4,848	3,519	1,330	4,727	3,857	870	*	*	-
Zone_3 (Gebiresu)	5,424	4,049	1,375	*	*	-	*	*	*
Zone_4 (Fentiresu)	2,923	2,020	904	*	*	*	-	-	-
Zone_5 (Hariresu)	4,547	2,420	2,127	*	*	*	-	-	-
Amhara	365,382	194,806	170,576	414,334	219,655	194,679	14,241	*	6,993
Semen Gonder	22,465	11,816	10,649	33,843	17,142	16,701	*	*	*
Debub Gonder	51,331	28,693	22,638	42,589	20,731	21,857	*	-	*
Semen Wello	29,667	13,590	16,077	30,728	15,163	15,565	-	-	-
Debub Wello	45,568	22,662	22,906	70,343	24,931	45,412	*	*	*
Semen Shewa	61,979	36,947	25,033	29,653	16,672	12,981	*	*	*
Misrak Gojjam	40,544	19,857	20,687	65,831	41,324	24,507	-	-	-
Mirab Gojjam	44,890	24,064	20,826	37,397	17,646	19,751	*	*	*
Waghimra	9,622	5,045	4,577	9,341	6,026	3,315	-	-	-
Awi	8,448	5,201	3,247	17,957	*	3,693	-	-	-
Oromiya Liyu Zone	6,677	4,592	2,085	8,833	3,362	5,471	*	*	-
Maekelawi Gonder	43,718	21,950	21,768	57,806	32,537	25,268	*	*	-
Mirab Gonder	*	*	*	10,013	9,857	*	*	*	-
Oromia	311,809	151,806	160,003	450,145	276,389	173,755	24,814	9,912	14,902
Mirab Wollega	24,711	10,335	14,376	33,815	9,537	24,278	-	-	-
Misrak Wollega	13,620	8,027	5,593	19,009	11,995	7,014	-	-	-
Ilu Ababor	3,573	2,018	*	11,064	7,481	3,583	*	-	*
Jimma	9,674	4,881	4,793	21,919	17,041	4,878	*	*	*
Mirab Shewa	31,239	12,455	18,784	33,243	15,047	18,196	3,811	*	*
Semen Shewa	32,606	16,226	16,380	18,694	8,284	10,410	*	*	*
Misrak Shewa	14,890	6,825	8,065	12,241	9,404	2,837	*	*	*
Arsi	48,508	27,204	21,304	73,824	49,092	24,732	*	*	*
Mirab Hararghe	16,978	7,865	9,113	31,611	16,109	15,502	2,213	*	*
Mierak Hararge	16,130	6,991	9,139	28,513	22,499	6,013	5,341	2,502	*
Bale	19,628	7,965	11,663	36,386	26,545	9,841	1,682	*	*
Borena	4,772	1,699	3,073	*	*	*	-	-	-
Debub Mirab Shewa	15,311	8,827	6,484	19,959	11,150	8,809	*	*	*
Guji	*	*	*	*	*	-	-	-	-
Mirab Guji	*	*	-	9,044	8,481	*	-	-	-
Oromiya Liyu Zone	12,854	5,635	7,219	10,876	7,572	3,304	*	-	*
Mirab Arsi	27,140	14,859	12,281	29,547	18,125	11,421	-	-	-
Kelem Wollega	4,476	*	*	23,904	*	12,299	*	-	*
Horo Guduru Wollega	8,670	5,328	3,342	23,021	18,821	4,200	*	*	*
Buno Bedele	2,148	1,060	1,088	4,510	2,213	2,297	*	-	*

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	50,220	31,701	18,520	8,657	5,572	3,085	*	*	-
Siti	445	*	384	*	*	-	-	-	-
Fafan	7,540	5,247	2,293	1,912	1,608	*	*	*	-
Jerer	4,054	2,552	1,502	*	*	-	-	-	-
Erer	7,755	4,443	3,312	1,117	885	232	-	-	-
Korahe	1,821	749	1,072	-	-	-	-	-	-
Shebele	2,128	1,349	778	300	300	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	8,636	5,821	2,815	801	*	*	-	-	-
Liben	16,572	10,673	5,899	3,783	*	2,164	-	-	-
Nogob	47	47	-	-	-	-	-	-	-
Dawa	1,223	759	*	*	*	-	*	*	-
Benshangul-Gumuz	6,062	2,961	3,101	23,960	18,974	4,986	-	-	-
Metekel	3,781	2,008	1,773	9,518	6,520	2,998	-	-	-
Asosa	*	*	*	8,853	7,264	*	-	-	-
Kemeshi	-	-	-	5,089	4,898	*	-	-	-
Mao Komo	252	132	120	501	293	209	-	-	-
SNNP	39,036	16,016	23,019	146,382	92,179	54,203	9,309	1,856	7,454
Gurage	5,191	1,691	3,500	17,705	9,720	7,984	*	-	*
Hadiya	9,316	3,511	5,805	31,282	17,387	13,895	2,886	-	2,886
Kembata Tembaro	*	*	*	17,051	14,569	*	-	-	-
Sidama	*	*	-	10,926	10,926	-	-	-	-
Gedeo	-	-	-	*	*	-	*	*	-
Welayta	*	-	*	16,331	12,530	*	-	-	-
Debub Omo	3,800	*	2,609	2,525	1,199	*	*	*	-
Sheka	-	-	-	880	880	-	-	-	-
Kefa	-	-	-	3,212	2,546	*	-	-	-
Gamo Gofa	*	*	*	20,812	9,694	*	*	*	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Liyu	*	*	*	479	271	209	*	-	*
Segen Akababi Hizboch	2,836	*	*	5,508	4,507	1,000	*	-	*
Alaba Special	2,588	1,311	1,277	3,281	958	2,323	1,578	*	1,368
Dawro	*	*	-	2,356	2,003	*	*	*	-
Basketo Special	*	*	*	763	*	684	-	-	-
Konta Liyu	-	-	-	*	*	*	-	-	-
Silite	6,842	2,501	4,341	11,289	3,155	8,134	3,162	*	2,504
Gambela region	*	*	-	*	*	*	*	-	*
Agnuwak	*	*	-	*	*	*	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	*	-	*
Itang Special	*	*	-	-	-	-	-	-	-
Harari	1,273	990	*	*	*	*	*	-	*
Harari	1,273	990	*	*	*	*	*	-	*
Dire Dawa Astedader	1,111	779	*	808	*	453	*	*	*
Dire Dawa	1,111	779	*	808	*	453	*	*	*

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	24,314	10,269	14,045	69,721	35,802	33,918	4,241	2,889	*
Tigray	*	*	*	*	*	-	*	*	-
Semen Mirab	*	-	*	-	-	-	-	-	-
Mehakelawi	-	-	-	-	-	-	*	*	-
Misrakawi	*	*	-	-	-	-	-	-	-
Debubawi	-	-	-	*	*	-	-	-	-
Mirabawi	-	-	-	-	-	-	-	-	-
Debub Misrak	-	-	-	-	-	-	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
Amhara	9,951	5,198	4,752	38,826	20,952	17,874	*	*	-
Semen Gonder	*	-	*	2,028	*	*	-	-	-
Debub Gonder	*	2,448	*	3,434	*	*	-	-	-
Semen Wello	*	*	*	6,962	*	4,738	-	-	-
Debub Wello	-	-	-	*	*	*	-	-	-
Semen Shewa	*	-	*	-	-	-	-	-	-
Misrak Gojjam	-	-	-	4,068	*	*	-	-	-
Mirab Gojjam	*	*	-	16,135	9,383	6,753	*	*	-
Waghimra	-	-	-	*	*	-	-	-	-
Awi	*	*	*	2,934	1,752	*	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-
Maekelawi Gonder	-	-	-	*	-	*	-	-	-
Mirab Gonder	-	-	-	*	*	-	-	-	-
Oromia	*	*	*	15,045	4,718	10,326	*	*	-
Mirab Wollega	-	-	-	-	-	-	-	-	-
Misrak Wollega	-	-	-	*	*	*	-	-	-
Ilu Ababor	*	-	*	*	*	*	*	-	-
Jimma	*	*	-	*	*	*	*	*	-
Mirab Shewa	*	*	-	*	*	-	-	-	-
Semen Shewa	*	*	*	*	-	*	-	-	-
Misrak Shewa	-	-	-	*	*	-	-	-	-
Arsi	-	-	-	*	-	*	-	-	-
Mirab Hararghe	-	-	-	*	-	*	-	-	-
Mierak Hararge	-	-	-	-	-	-	-	-	-
Bale	*	-	*	*	-	*	-	-	-
Borena	*	*	-	*	*	*	-	-	-
Debub Mirab Shewa	-	-	-	*	*	-	-	-	-
Guji	-	-	-	-	-	-	-	-	-
Mirab Guji	-	-	-	*	*	*	-	-	-
Oromiya Liyu Zone	-	-	-	*	*	-	-	-	-
Mirab Arsi	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	*	*	*	-	-	-
Buno Bedele	-	-	-	*	*	-	-	-	-

TABLE 3-19 - f 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	*	*	-	*	*	-	-	-	-
Siti	-	-	-	*	*	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-	-	-
Dawa	*	*	-	*	*	-	-	-	-
Benshangul-Gumuz	-	-	-	2,170	*	*	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	2,170	*	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	*	*	*	11,396	7,016	4,380	*	*	*
Gurage	*	-	*	-	-	-	-	-	-
Hadiya	-	-	-	*	*	-	-	-	-
Kembata Tembaro	-	-	-	*	*	*	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedeo	-	-	-	*	*	-	-	-	-
Welayta	*	-	*	*	*	*	*	-	-
Debub Omo	-	-	-	*	*	*	*	-	-
Sheka	-	-	-	*	*	-	-	-	-
Kefa	-	-	-	2,916	*	*	*	*	-
Gamo Gofa	-	-	-	2,273	*	*	-	-	-
Bench Maji	-	-	-	*	*	*	*	-	*
Yem Liyu	-	-	-	-	-	-	-	-	-
Segen Akababi Hizboch	-	-	-	-	-	-	*	*	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	*	*	-	*	*	*	-	-	-
Basketo Special	-	-	-	*	*	*	-	-	-
Konta Liyu	-	-	-	*	*	*	-	-	-
Silite	-	-	-	-	-	-	-	-	-
Gambela region	-	-	-	*	*	-	-	-	-
Agnuwak	-	-	-	-	-	-	-	-	-
Nware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Dire Dawa Astedader	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	1,135,549	461,591	673,958	63,808	42,910	20,899	21,389	14,475	6,913
Tigray	-	-	-	11,506	9,958	*	*	*	-
Semen Mirab	-	-	-	*	*	-	*	*	-
Mehakelawi	-	-	-	*	*	*	-	-	-
Misrakawi	-	-	-	-	-	-	-	-	-
Debubawi	-	-	-	*	*	*	-	-	-
Mirabawi	-	-	-	*	*	-	-	-	-
Debub Misrak	-	-	-	-	-	-	-	-	-
Afar	241,465	94,048	147,417	5,128	3,802	*	*	*	*
Zone_1 (Awsiresu)	97,238	34,715	62,523	3,096	*	*	*	*	-
Zone_2 (Kelbetiresu)	36,545	11,809	24,736	1,094	*	*	*	*	*
Zone_3 (Gebiresu)	63,433	26,512	36,922	*	*	*	*	-	*
Zone_4 (Fentiresu)	10,530	4,753	5,777	*	*	*	-	-	-
Zone_5 (Hariresu)	33,718	16,259	17,459	-	-	-	-	-	-
Amhara	-	-	-	14,938	14,288	*	-	-	-
Semen Gonder	-	-	-	-	-	-	-	-	-
Debub Gonder	-	-	-	-	-	-	-	-	-
Semen Wello	-	-	-	*	*	-	-	-	-
Debub Wello	-	-	-	*	*	-	-	-	-
Semen Shewa	-	-	-	*	*	-	-	-	-
Misrak Gojjam	-	-	-	-	-	-	-	-	-
Mirab Gojjam	-	-	-	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromiya Liyu Zone	-	-	-	3,669	3,669	-	-	-	-
Maekelawi Gonder	-	-	-	*	*	*	-	-	-
Mirab Gonder	-	-	-	-	-	-	-	-	-
Oromia	56,803	26,849	29,954	10,076	4,646	5,430	*	*	*
Mirab Wollega	-	-	-	-	-	-	-	-	-
Misrak Wollega	-	-	-	-	-	-	-	-	-
Ilu Ababor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
Mirab Shewa	-	-	-	-	-	-	-	-	-
Semen Shewa	-	-	-	-	-	-	-	-	-
Misrak Shewa	*	*	*	*	*	*	-	-	-
Arsi	-	-	-	-	-	-	-	-	-
Mirab Hararghe	*	*	*	*	-	*	*	*	-
Mierak Hararge	*	*	-	-	-	-	-	-	-
Bale	27,680	12,394	15,286	*	*	*	*	*	*
Borena	13,029	6,255	6,774	2,134	780	1,354	*	*	*
Debub Mirab Shewa	-	-	-	-	-	-	-	-	-
Guji	*	*	*	*	-	*	-	-	-
Mirab Guji	-	-	-	-	-	-	*	-	*
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-
Mirab Arsi	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-	-	-	-

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	814,953	338,169	476,784	20,86	10,04	10,819	5,054	2,601	2,454
Siti	2,842	1,489	1,353	-	-	-	-	-	-
Fafan	41,608	20,538	21,070	1,210	*	875	*	*	*
Jerer	140,178	76,675	63,503	*	*	*	*	*	-
Erer	79,609	26,073	53,536	-	-	-	-	-	-
Korahe	61,989	28,172	33,818	-	-	-	-	-	-
Shebele	19,667	10,463	9,203	-	-	-	-	-	-
Dollo	57,446	27,547	29,899	1,179	1,119	61	511	95	416
Afder	89,669	34,150	55,519	2,940	1,923	*	*	*	*
Liben	279,508	99,241	*	*	*	*	*	*	*
Nogob	14,813	4,871	9,942	-	-	-	-	-	-
Dawa	27,623	8,949	18,674	*	*	*	*	*	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	*	*	*	*	-	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	*	*	*	*	-	*	-	-	-
Gedeo	-	-	-	-	-	-	-	-	-
Welayta	-	-	-	-	-	-	-	-	-
Debub Omo	-	-	-	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-
Kefa	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	*	-	*	-	-	-	-	-	-
Yem Liyu	-	-	-	-	-	-	-	-	-
Segen Akababi Hizboch	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Special	-	-	-	-	-	-	-	-	-
Konta Liyu	-	-	-	-	-	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-
Gambela region	-	-	-	-	-	-	-	-	-
Agnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	-	-	-	-	-	-	-
Harari	*	*	-	-	-	-	-	-	-
Dire Dawa Astedader	1,078	*	*	*	*	*	*	*	*
Dire Dawa	1,078	*	*	*	*	*	*	*	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	50,948,862	16,133,672	662,802
Tigray	6,541,252	2,981,256	87,510
Semen Mirab	3,707,763	524,863	10,578
Mehakelawi	812,466	606,068	*
Misrakawi	139,828	901,779	9,482
Debubawi	261,897	193,383	3,802
Mirabawi	1,214,330	135,591	*
Debub Misrak	38,362	12,581	*
Afar	-	*	*
Zone_1 (Awsiresu)	*	5,773	-
Zone_2 (Kelbetiresu)	13,143	*	*
Zone_3 (Gebiresu)	*	*	-
Zone_4 (Fentiresu)	*	*	-
Zone_5 (Hariresu)	23,462,326	5,143,107	234,553
Amhara	2,133,825	312,150	16,044
Semen Gonder	2,562,495	574,498	*
Debub Gonder	1,129,676	763,302	16,378
Semen Wello	1,300,178	715,968	*
Debub Wello	1,138,555	717,083	75,327
Semen Shewa	929,046	340,635	*
Misrak Gojjam	5,666,359	669,780	*
Mirab Gojjam	463,567	69,967	*
Waghimra	1,610,309	250,206	*
Awi	198,193	49,568	2,094
Oromiya Liyu Zone	6,014,328	640,111	24,755
Maekelawi Gonder	315,796	39,839	2,411
Mirab Gonder	13,175,171	4,972,863	229,230
Oromia	1,308,019	374,617	12,277
Mirab Wollega	731,059	161,819	3,254
Misrak Wollega	651,918	312,769	17,321
Ilu Ababor	1,438,628	286,767	53,708
Jimma	1,136,962	603,690	20,410
Mirab Shewa	556,252	339,587	15,959
Semen Shewa	418,039	196,599	*
Misrak Shewa	869,754	552,840	17,301
Arsi	1,090,815	190,159	6,131
Mirab Hararghe	1,496,834	144,613	39,886
Mierak Hararge	498,001	145,761	*
Bale	88,489	*	*
Borena	322,610	434,306	*
Debub Mirab Shewa	301,783	97,117	*
Guji	205,806	130,579	*
Mirab Guji	312,929	219,374	*
Oromiya Liyu Zone	476,480	234,189	*
Mirab Arsi	662,113	375,876	-
Kelem Wollega	445,610	97,580	2,152
Horo Guduru Wollega	163,070	56,782	*
Buno Bedele	50,948,862	16,133,672	662,802

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	147,549	12,086	*
Siti	3,297	509	-
Fafan	*	*	-
Jerer	-	-	-
Erer	-	-	-
Korahe	489	450	-
Shebele	-	-	-
Dollo	-	-	-
Afder	53,962	*	*
Liben	75,381	7,136	*
Nogob	-	-	-
Dawa	9,226	*	*
Benshangul-Gumuz	1,156,447	196,123	4,131
Metekel	464,856	70,585	3,085
Asosa	454,589	99,741	*
Kemeshi	192,456	18,684	-
Mao Komo	44,546	7,114	184
SNNP	6,031,615	2,759,766	74,026
Gurage	81,991	266,816	*
Hadiya	791,090	237,931	9,892
Kembata Tembaro	210,802	133,821	3,307
Sidama	1,014,076	258,150	12,526
Gedeo	82,298	90,533	*
Welayta	376,683	154,207	5,020
Debub Omo	263,792	80,819	4,413
Sheka	102,270	139,944	1,174
Kefa	1,175,223	524,906	7,239
Gamo Gofa	643,959	314,598	6,407
Bench Maji	440,523	127,445	*
Yem Liyu	28,124	13,097	*
Segen Akababi Hizboch	258,835	98,485	*
Alaba Special	119,376	19,738	2,598
Dawro	94,782	59,761	7,050
Basketo Special	34,833	14,966	-
Konta Liyu	59,177	23,714	*
Silite	253,782	200,834	*
Gambela region	210,312	36,189	*
Agnuwak	27,369	1,270	*
Nuware	78,274	4,883	*
Mezhenger	73,085	29,076	*
Itang Special	31,583	960	-
Harari	81,324	10,753	2,252
Harari	81,324	10,753	2,252
Dire Dawa Astedader	104,505	8,947	25,340
Dire Dawa	104,505	8,947	25,340

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

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	6,209,042	3,990,546	2,218,496	441,454	265,590	175,864	3,109,310	1,341,343	1,767,968	483,963	216,302	267,661
Tigray	390,657	267,485	123,172	29,952	18,861	11,091	111,079	56,736	54,343	23,714	14,495	9,219
Semen Mirab	113,397	77,198	36,199	3,696	*	*	42,754	22,792	19,962	*	*	*
Mehakelawi	64,238	48,394	15,844	3,763	*	*	11,320	7,999	3,321	3,060	*	1,791
Misrakawi	52,041	37,542	14,499	*	*	*	13,106	4,353	8,753	*	*	*
Debubawi	33,937	23,731	10,206	5,196	3,666	*	8,918	4,612	4,306	2,386	*	*
Mirabawi	60,384	32,786	27,599	5,982	3,889	2,093	24,808	11,078	13,730	*	*	*
Debub Misrak	66,660	47,835	18,825	*	*	*	10,173	5,901	4,271	*	*	*
Afar	211,515	121,624	89,890	21,107	13,048	8,059	307,282	103,775	203,507	5,077	1,481	3,596
Zone_1 (Awsiresu)	86,068	48,216	37,852	*	*	*	137,922	38,727	99,195	-	-	-
Zone_2 (Kelbetiresu)	11,484	8,948	*	1,079	*	*	11,811	5,356	6,454	*	*	-
Zone_3 (Gebiresu)	70,193	40,442	29,751	7,686	6,220	*	105,209	38,198	67,010	3,637	611	3,026
Zone_4 (Fentiresu)	6,802	4,357	2,444	*	*	*	9,552	2,675	6,877	*	*	-
Zone_5 (Hariresu)	36,969	19,662	17,307	*	*	*	42,789	18,819	23,971	757	*	570
Amhara	1,764,848	1,141,724	623,123	132,639	70,658	61,981	483,529	246,479	237,049	75,236	35,493	39,742
Semen Gonder	79,361	50,342	29,019	9,411	5,290	4,122	38,136	21,638	16,498	6,578	1,959	4,618
Debub Gonder	168,830	93,850	74,981	6,295	*	3,149	34,837	17,598	17,239	6,116	3,954	*
Semen Wello	130,428	87,638	42,789	9,809	4,294	5,515	30,705	17,603	13,102	*	*	*
Debub Wello	212,090	146,723	65,367	12,214	3,313	8,902	34,941	20,196	14,744	10,626	*	*
Semen Shewa	169,771	118,274	51,496	9,571	6,290	3,281	34,226	19,754	14,472	5,314	*	*
Misrak Gojjam	182,214	117,867	64,347	18,635	6,822	11,813	50,057	32,126	17,931	23,069	9,916	13,153
Mirab Gojjam	333,982	229,913	104,069	13,822	*	*	57,454	30,170	27,284	*	*	*
Waghimra	49,793	30,017	19,776	2,064	*	*	18,481	7,830	10,651	2,407	1,551	856
Awi	137,292	74,107	63,184	10,813	*	5,434	83,032	37,724	45,307	*	*	*
Oromiya Liyu Zone	35,438	24,212	11,225	1,165	*	734	11,675	5,622	6,053	*	*	*
Maekelawi Gonder	229,025	142,898	86,127	35,156	24,677	10,479	76,472	30,511	45,961	7,406	3,706	*
Mirab Gonder	36,625	25,882	10,743	3,684	*	1,359	13,514	5,706	7,808	1,167	686	*
Oromia	2,565,317	1,679,949	885,368	146,697	86,486	60,211	1,174,964	528,458	646,505	230,283	106,109	124,174
Mirab Wollega	82,357	56,533	25,825	*	*	*	58,605	27,523	31,082	14,839	4,373	10,466
Misrak Wollega	98,978	65,234	33,745	*	*	*	61,969	30,267	31,702	8,599	3,589	5,010
Ilu Ababor	107,108	67,317	39,790	*	*	*	76,384	38,040	38,344	11,408	2,961	8,447
Jimma	265,374	175,310	90,064	6,934	*	*	94,915	41,407	53,508	73,563	42,136	31,427
Mirab Shewa	211,718	142,815	68,903	19,732	8,614	11,118	73,977	36,811	37,165	14,427	6,999	7,428
Semen Shewa	130,503	93,630	36,872	12,176	4,853	7,323	56,096	26,099	29,996	9,124	4,063	5,061
Misrak Shewa	89,064	66,146	22,918	4,027	2,737	*	26,265	13,725	12,541	*	*	*
Arsi	349,298	248,989	100,308	*	*	*	111,455	52,964	58,492	*	*	*
Mirab Hararghe	181,980	120,323	61,657	*	*	*	43,413	16,412	27,002	16,799	5,637	11,162
Mierak Hararge	134,160	74,833	59,327	4,365	3,794	*	59,605	24,162	35,443	5,424	2,773	2,652
Bale	144,569	91,385	53,184	8,262	4,913	3,349	91,963	39,049	52,914	8,396	3,798	*
Borena	30,361	22,423	7,939	*	*	*	41,264	15,526	25,738	*	*	1,165
Debub Mirab Shewa	148,910	89,490	59,420	8,240	5,423	2,817	56,668	29,656	27,012	7,198	2,022	5,177
Guji	99,428	67,481	31,947	*	*	-	*	*	28,004	*	*	*
Mirab Guji Oromiya Liyu Zone	39,654	20,160	19,495	*	*	*	6,148	*	4,515	*	*	*
104,288	64,578	39,710	9,343	6,062	3,281	45,035	20,468	24,568	3,976	*	3,259	
Mirab Arsi	211,073	129,523	81,550	8,444	*	2,414	115,671	45,913	69,758	9,962	5,981	3,981
Kelem Wollega Horo Guduru Wollega	76,760	46,740	30,019	-	-	-	53,369	25,242	28,128	*	*	*
29,321	16,576	12,745	2,043	*	*	*	47,811	25,695	22,117	*	*	*
Buno Bedele	30,414	20,464	9,950	*	*	*	15,594	7,117	8,478	2,740	1,581	1,159

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	165,899	105,819	60,080	11,870	6,854	5,017	328,456	100,275	228,180	8,770	3,069	5,701
Siti	1,496	948	548	-	-	-	*	*	*	*	*	*
Fafan	20,712	14,824	5,888	*	*	*	3,763	620	3,142	448	*	*
Jerer	*	*	*	*	*	-	*	*	-	-	-	-
Erer	26,610	17,769	8,841	4,171	2,798	1,374	4,023	1,599	2,424	-	-	-
Korahe	-	-	-	389	389	-	-	-	-	-	-	-
Shebele	9,037	6,635	2,402	606	225	381	31,603	10,120	21,483	927	463	463
Dollo	251	125	125	-	-	-	256	128	128	280	140	140
Afder	46,210	23,699	22,511	1,533	*	*	113,067	37,919	75,148	*	*	*
Liben	56,152	37,874	18,278	*	*	*	145,489	41,069	104,420	*	*	*
Nogob	779	672	107	-	-	-	254	152	101	-	-	-
Dawa	4,376	3,058	1,318	*	*	*	20,839	5,852	14,987	1,705	277	1,428
Benshangul-Gumuz	67,323	43,204	24,119	3,632	1,476	2,156	65,038	30,536	34,502	*	*	*
Metekel	11,272	6,474	4,798	*	*	*	8,102	3,534	4,568	-	-	-
Asosa	50,657	32,453	18,204	2,830	1,175	1,655	36,926	18,653	18,273	*	*	*
Kemeshi	*	*	*	*	-	*	18,448	7,624	10,824	*	*	*
Mao Komo	664	538	126	*	-	*	1,563	726	837	-	-	-
	1,022,49											
SNNP	1	616,005	406,486	94,830	67,520	27,310	596,824	258,211	338,613	134,470	52,618	81,851
Gurage	62,696	35,690	27,006	22,152	18,798	3,354	31,209	10,510	20,700	5,363	*	4,157
Hadiya	102,217	60,211	42,006	11,384	9,011	*	43,592	20,710	22,882	12,091	4,449	7,642
Kembata Tembaro	44,113	24,448	19,665	*	*	*	22,388	11,243	11,146	9,576	3,099	6,477
Sidama	198,245	94,070	104,175	4,592	*	*	30,036	16,611	13,424	*	*	*
Gedeo	15,637	11,533	4,104	*	*	-	4,457	*	*	*	*	-
Welayta	45,566	30,903	14,663	-	-	-	48,149	20,706	27,443	4,935	*	3,184
Debub Omo	48,420	35,377	13,043	6,279	5,678	*	*	38,953	*	8,445	3,113	5,332
Sheka	17,564	9,776	7,787	*	*	*	6,192	2,411	3,780	5,128	1,748	3,380
Kefa	116,484	69,728	46,757	*	*	*	85,156	38,008	47,149	40,710	17,084	23,626
Gamo Gofa	182,705	120,075	62,630	*	*	*	113,658	46,101	67,557	19,323	5,753	13,571
Bench Maji	31,909	19,205	12,704	5,620	3,437	*	26,405	11,614	14,791	11,891	3,907	7,984
Yem Liyu	6,910	4,281	2,630	*	-	*	2,971	2,209	762	547	210	336
Segen Akababi Hizboch	31,296	24,861	6,435	*	*	*	22,576	9,031	13,545	*	*	*
Alaba Special	19,215	11,557	7,658	*	*	*	14,097	5,425	8,672	2,009	1,287	722
Dawro	27,708	16,133	11,575	2,118	1,668	*	20,476	9,457	11,019	2,093	994	1,099
Basketo Special	6,808	4,942	1,866	*	*	*	3,472	1,981	1,491	*	*	*
Konta Liyu	14,759	9,686	5,074	*	*	*	9,123	4,646	4,477	*	*	*
Silite	50,238	33,529	16,709	*	*	-	16,329	7,535	8,794	4,563	2,875	1,689
Gambela region	10,858	7,724	3,133	*	*	-	35,184	14,304	20,880	4,882	2,476	*
Agnuwak	*	*	*	-	-	-	*	*	*	*	*	-
Nware	5,331	4,914	416	*	*	-	32,687	13,127	19,560	*	*	*
Mezhenger	3,665	1,432	2,233	-	-	-	422	*	262	*	*	-
Itang Special	1,306	892	*	*	*	-	1,765	794	970	*	*	*
Harari	4,951	3,157	1,793	321	*	*	3,524	1,339	2,185	-	-	-
Harari	4,951	3,157	1,793	321	*	*	3,524	1,339	2,185	-	-	-
DirDawaAstedader	5,183	3,853	1,330	*	*	-	3,430	1,228	2,202	*	-	*
Dire Dawa	5,183	3,853	1,330	*	*	-	3,430	1,228	2,202	*	-	*

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	7,456,172	4,419,101	3,037,071	4,539,140	3,519,886	1,019,254	5,524,776	1,979,433	3,545,343	283,637	98,948	184,689
Tigray	357,554	220,271	137,283	357,743	281,251	76,492	200,699	61,718	138,981	*	*	*
Semen Mirab	51,616	33,883	17,733	29,671	26,170	*	28,221	*	19,377	*	-	*
Mehakelawi	93,433	60,635	32,798	61,579	46,355	15,224	53,999	16,974	37,025	*	-	*
Misrakawi	112,696	72,161	40,535	102,186	78,830	23,356	66,184	18,424	47,760	*	*	*
Debubawi	33,104	20,497	12,607	68,317	60,587	7,730	21,110	6,313	14,797	*	*	*
Mirabawi	*	9,182	*	*	14,240	*	6,753	*	4,893	-	-	-
Debub Misrak	40,866	23,914	16,952	61,082	55,068	6,014	24,433	9,304	15,130	*	*	*
Afar	1,123,031	658,449	464,581	317,615	229,644	87,971	1,346,294	498,562	847,731	13,215	5,703	7,512
Zone_1 (Awsiresu)	607,686	360,382	247,303	187,488	133,238	54,250	747,486	267,415	480,071	3,756	*	*
Zone_2 (Kelbetiresu)	64,076	39,584	24,491	15,707	11,569	4,138	113,116	33,922	79,194	*	*	*
Zone_3 (Gebiresu)	275,229	158,756	116,473	72,643	57,505	15,138	290,067	116,846	173,221	5,127	*	3,679
Zone_4 (Fentiresu)	64,082	38,219	25,863	13,409	9,356	4,053	80,937	28,852	52,084	2,593	*	*
Zone_5 (Hariesu)	111,959	61,508	50,451	28,370	17,976	10,393	114,688	51,528	63,161	*	*	*
Amhara	2,502,301	1,338,747	1,163,554	2,605,873	2,035,319	570,553	1,325,357	442,502	882,854	64,639	18,584	46,054
Semen Gonder	113,892	57,571	56,322	205,662	173,734	31,928	132,044	40,437	91,607	3,615	2,769	*
Debub Gonder	282,487	153,189	129,298	272,104	218,188	53,916	101,807	33,278	68,528	9,661	*	6,269
Semen Wello	252,179	122,812	129,367	355,363	245,295	110,068	145,826	56,111	89,715	12,532	*	7,945
Debub Wello	409,184	201,938	207,246	133,488	87,159	46,329	139,784	58,304	81,480	*	*	-
Semen Shewa	339,912	206,599	133,314	258,160	221,887	36,273	210,589	77,578	133,011	14,738	*	11,537
Misrak Gojjam	273,275	137,955	135,319	464,633	347,016	117,618	149,912	38,858	111,055	9,631	*	8,554
Mirab Gojjam	380,188	207,889	172,300	369,575	303,933	65,642	142,479	41,111	101,368	*	*	*
Waghimra	54,434	29,389	25,045	20,364	15,432	4,932	48,927	18,905	30,022	4,155	*	3,265
Awi Oromiya Liyu Zone	95,891	57,072	38,819	266,018	201,394	64,624	59,465	22,850	36,616	*	-	*
Maekelawi Gonder	21,574	14,230	7,343	10,404	7,055	3,349	*	*	*	-	-	-
Mirab Gonder	268,911	145,110	123,801	241,009	207,575	33,434	169,337	45,645	123,693	*	*	*
Oromia	1,981,396	1,266,884	714,512	727,973	573,347	154,626	1,323,913	503,327	820,586	70,588	32,215	38,373
Mirab Wollega	66,452	30,935	35,518	24,485	*	*	56,982	22,617	34,366	*	-	*
Misrak Wollega	55,829	31,694	24,135	11,074	9,268	*	33,598	16,696	16,902	*	*	-
Ilu Ababor	53,963	24,236	29,727	25,565	20,790	4,774	72,594	27,436	45,158	*	*	*
Jimma	125,210	65,194	60,016	30,056	29,391	*	136,221	52,977	83,244	*	*	*
Mirab Shewa	199,786	129,860	69,926	67,566	50,290	17,276	155,543	48,326	107,217	*	*	*
Semen Shewa	254,835	189,549	65,286	226,731	158,462	68,269	192,815	64,303	128,512	*	-	*
Misrak Shewa	85,616	64,910	20,707	24,730	22,640	*	43,424	17,020	26,404	-	-	-
Arsi	333,624	219,590	114,033	63,245	48,420	14,825	83,860	42,373	41,488	*	*	*
Mirab Hararghe	26,965	12,827	14,138	6,326	4,576	*	13,970	3,711	10,259	*	*	-
Mierak Hararge	35,757	18,726	17,031	22,708	21,726	*	40,805	*	29,891	*	*	*
Bale	69,377	44,105	25,272	16,548	12,489	4,059	46,486	14,650	31,836	*	-	*
Borena Debub Mirab Shewa	33,451	23,819	9,632	7,628	6,302	*	25,615	8,758	*	*	*	*
Mirab Guji Oromiya Liyu Zone	88,003	60,549	27,454	29,426	26,182	3,244	43,447	17,087	26,360	*	*	*
Guji	55,964	30,540	25,424	*	*	*	*	*	*	*	*	*
Mirab Guji Oromiya Liyu Zone	30,246	16,638	13,608	*	*	*	8,370	*	7,037	*	*	*
Mirab Arsi	80,346	51,910	28,436	82,540	67,039	15,501	100,574	33,819	66,755	*	-	*
Kelem Wollega Horo Guduru Wollega	236,428	142,231	94,197	33,872	29,443	4,430	*	*	94,039	*	*	*
Kelem Wollega Horo Guduru Wollega	115,221	*	24,639	9,254	7,666	*	32,980	22,390	*	-	-	-
Buno Bedele	21,128	11,835	9,293	14,978	12,276	2,702	23,428	7,753	15,675	*	-	*
Buno Bedele	13,195	7,153	6,042	3,086	2,516	570	9,638	2,900	6,738	569	-	569

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	789,043	537,680	251,363	262,840	185,277	77,564	799,698	284,445	515,253	77,243	26,790	50,453
Siti	*	*	*	1,806	1,473	*	7,773	2,969	4,804	717	*	255
Fafan	93,963	66,174	27,789	10,219	5,915	4,304	17,513	6,796	10,718	9,112	5,564	3,548
Jerer	148,131	124,428	23,703	36,738	33,734	3,004	9,480	7,696	1,784	*	*	*
Erer	52,136	34,502	17,634	11,630	8,179	3,451	2,920	1,226	1,694	-	-	-
Korahe	14,603	13,411	1,192	8,799	8,242	557	300	202	98	181	181	-
Shebele	49,466	38,519	10,947	6,462	5,712	751	79,804	29,704	50,100	15,295	4,614	10,681
Dollo	23,256	16,359	6,897	10,573	8,759	1,813	39,395	17,048	22,347	3,172	1,845	1,327
Afder	197,424	110,151	87,273	76,877	43,501	33,375	274,202	101,583	172,620	9,990	2,411	7,579
Liben	194,784	124,259	70,525	93,510	64,526	28,983	332,750	105,870	226,881	35,217	*	25,016
Nogob	1,404	1,080	325	101	101	-	406	152	254	-	-	-
Dawa	7,285	4,223	3,062	6,126	5,133	*	35,154	11,200	23,954	2,119	*	1,430
Benshangul-Gumuz	15,471	8,374	7,098	17,707	13,953	3,754	11,881	4,298	7,583	*	*	*
Metekel	3,074	*	862	3,123	*	*	2,818	1,423	*	-	-	-
Asosa	10,586	5,163	5,423	13,581	10,314	3,266	6,183	*	4,272	*	*	-
Kemeshi	-	-	-	*	*	-	*	-	*	-	-	-
Mao Komo	1,812	999	813	379	234	145	2,549	964	1,586	*	*	*
SNNP	669,431	376,759	292,672	242,276	194,420	47,856	500,115	178,667	321,449	46,409	14,156	32,253
Gurage	25,663	13,624	12,039	22,989	19,146	3,843	25,375	8,318	17,057	*	-	*
Hadiya	38,217	19,338	18,879	15,516	12,180	3,336	35,345	12,992	22,353	*	*	*
Kembata Tembaro	10,376	7,924	2,453	*	*	-	6,543	*	*	*	*	*
Sidama	131,933	64,122	67,811	*	*	*	24,329	7,698	16,631	*	-	*
Gedeo	38,865	20,226	18,639	*	*	*	11,209	4,304	6,906	*	*	*
Welayta	19,481	10,100	9,382	*	*	-	14,787	6,356	8,432	*	*	*
Debub Omo	60,692	45,030	15,663	31,130	26,394	4,736	65,975	28,492	37,484	*	*	1,648
Sheka	14,003	9,013	4,989	10,552	10,052	*	10,396	4,755	5,641	4,502	2,009	2,493
Kefa	119,016	71,009	48,007	80,307	57,100	*	121,775	40,987	80,788	14,929	*	11,592
Gamo Gofa	82,044	41,261	40,783	6,899	4,730	*	74,769	17,603	57,166	3,892	*	*
Bench Maji	23,687	14,410	9,277	21,124	16,350	4,774	41,305	18,172	23,133	4,557	*	3,627
Yem Liyu	3,173	1,283	1,890	*	*	*	1,176	490	686	303	*	268
Segen Akababi Hizboch	26,308	18,310	7,998	4,175	3,947	*	16,864	6,841	10,024	-	-	-
Alaba Special	10,886	5,355	5,531	3,988	3,669	*	9,366	2,914	6,452	*	*	*
Dawro	10,655	5,394	5,262	*	*	-	5,541	2,077	3,465	*	*	*
Basketo Special	*	*	1,033	*	*	*	1,990	*	*	*	*	*
Konta Liyu	*	3,956	*	*	*	-	1,913	*	1,027	-	-	-
Silit	42,313	20,427	21,886	9,670	8,358	*	31,457	12,766	18,691	*	*	*
Gambela region	3,084	2,181	904	1,574	1,434	*	1,514	*	910	-	-	-
Agnuwak	-	-	-	*	*	-	-	-	-	-	-	-
Nuware	*	*	*	*	*	-	*	*	*	-	-	-
Mezhenger	1,567	1,133	434	1,052	912	*	*	*	*	-	-	-
Itang Special	*	*	*	*	*	-	*	*	*	-	-	-
Harari	*	*	*	368	*	*	*	*	*	-	-	-
Harari	*	*	*	368	*	*	*	*	*	-	-	-
DirDawaAstedader	14,568	9,651	4,917	5,171	4,950	*	14,079	5,044	9,035	871	*	655
Dire Dawa	14,568	9,651	4,917	5,171	4,950	*	14,079	5,044	9,035	871	*	655

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	8,002,727	4,645,539	3,357,188	3,497,988	2,551,127	946,861	7,526,291	2,738,971	4,787,320	415,678	134,690	280,987
Tigray	866,264	527,496	338,769	567,845	426,591	141,255	648,517	201,764	446,754	14,927	6,935	*
Semen Mirab	435,071	261,302	173,769	243,964	191,057	52,907	328,095	100,278	227,817	*	*	*
Mehakelawi	153,381	93,730	59,651	89,425	60,107	29,319	71,372	19,624	51,748	*	*	-
Misrakawi	31,380	21,378	10,002	31,189	24,261	*	53,338	16,474	36,864	-	-	-
Debubawi	28,219	15,873	12,346	29,506	21,842	7,665	16,321	5,405	10,916	*	-	*
Mirabawi	129,220	75,878	53,343	116,249	85,939	30,310	131,065	42,906	88,160	*	*	*
Debub Misrak	88,993	59,334	29,659	57,512	43,385	14,128	48,326	17,077	31,249	*	*	*
Afar	2,024,957	1,124,674	900,283	543,806	366,212	177,594	2,357,727	895,502	1,462,225	23,707	6,989	16,718
Zone_1 (Awsiresu)	1,064,608	588,171	476,437	256,742	184,625	72,117	1,079,628	422,624	657,004	*	*	*
Zone_2 (Kelbetiresu)	265,318	143,661	121,657	118,692	62,194	56,497	500,782	153,644	347,138	8,436	*	6,624
Zone_3 (Gebiresu)	365,848	212,684	153,164	95,730	71,512	24,217	409,174	169,915	239,259	4,152	1,032	3,119
Zone_4 (Fentiresu)	130,322	74,392	55,930	32,547	21,055	11,492	157,564	50,539	107,025	*	*	1,173
Zone_5 (Hariresu)	198,861	105,766	93,094	40,096	26,826	13,271	210,579	98,780	111,800	*	*	*
Amhara	1,624,607	874,163	750,444	1,158,349	831,750	326,600	1,258,211	501,826	756,385	57,224	22,202	35,022
Semen Gonder	173,062	85,763	87,299	128,591	85,513	43,078	162,443	58,920	103,523	7,603	2,620	4,983
Debub Gonder	165,554	86,060	79,493	152,723	109,221	43,503	98,155	32,512	65,642	*	*	*
Semen Wello	136,934	61,223	75,712	91,085	57,540	33,545	97,822	39,550	58,272	5,967	*	*
Debub Wello	310,461	163,538	146,923	180,184	118,132	62,052	200,294	84,130	116,164	*	*	*
Semen Shewa	125,482	85,438	40,044	96,623	80,263	16,360	206,050	87,545	118,506	*	-	*
Misrak Gojjam	60,025	29,893	30,132	99,015	70,402	28,613	39,635	14,455	25,180	*	*	*
Mirab Gojjam	78,792	50,088	28,704	18,668	13,652	*	85,828	42,357	43,471	*	-	*
Waghimra	164,763	90,967	73,796	70,584	49,413	21,171	93,178	35,933	57,245	8,404	*	6,235
Awi	*	*	*	*	*	*	*	*	*	*	-	*
Oromiya Liyu Zone	50,089	29,743	20,347	22,808	16,961	5,847	18,796	9,172	*	*	-	*
Maekelawi Gonder	243,205	122,426	120,779	209,580	166,010	43,570	133,926	47,046	86,880	*	*	*
Mirab Gonder	39,969	21,241	18,729	41,210	29,994	11,216	41,461	18,929	22,533	1,100	*	*
Oromia	1,458,058	851,818	606,240	437,566	333,106	104,460	958,079	351,375	606,704	68,549	29,647	38,902
Mirab Wollega	17,399	10,695	6,704	*	*	*	*	*	*	-	-	-
Misrak Wollega	26,990	13,271	13,719	13,933	*	6,126	43,856	21,613	22,243	*	*	*
Ilu Ababor	10,992	4,973	6,018	8,077	4,701	*	27,681	10,450	17,232	*	*	*
Jimma	72,041	38,383	33,658	17,812	12,900	4,912	81,826	33,040	48,786	*	*	*
Mirab Shewa	65,396	32,883	32,512	26,348	15,208	11,141	54,973	21,384	33,588	*	-	*
Semen Shewa	30,568	13,462	17,106	34,095	26,897	7,198	54,853	19,485	35,368	*	-	*
Misrak Shewa	85,075	57,532	27,543	21,943	18,576	*	45,914	17,027	28,887	*	*	*
Arsi	290,178	171,920	118,258	47,156	38,811	*	*	32,591	*	*	*	*
Mirab Hararghe	207,610	127,813	79,796	22,899	19,008	3,891	118,663	40,765	77,897	7,015	5,004	*
Mierak Hararge	155,134	92,185	62,949	28,000	26,221	*	81,580	24,440	57,140	5,960	*	4,594
Bale	222,994	132,877	90,118	68,654	46,445	*	138,406	44,993	93,413	12,034	*	7,876
Borena Debub Mirab Shewa	59,589	40,846	18,743	13,557	10,340	3,216	37,923	*	24,855	*	*	*
Guji	55,187	30,079	25,108	10,645	8,592	*	38,769	14,032	24,736	-	-	-
Mirab Guji Oromiya Liyu Zone	32,678	22,413	10,265	*	*	*	*	*	*	-	-	*
11,260	*	*	*	*	*	*	*	*	*	-	-	*
10,309	6,051	4,258	2,386	2,065	*	9,557	*	5,424	*	*	*	*
Mirab Arsi	65,126	29,228	*	16,800	*	*	24,661	*	18,602	*	*	*
Kelem Wollega Horo Guduru Wollega	9,419	*	8,268	*	*	*	23,710	*	*	*	*	-
19,485	10,806	8,679	11,461	7,941	3,520	*	19,018	7,886	11,133	*	*	*
Buno Bedele	10,628	5,721	4,907	4,362	3,129	*	17,846	5,992	11,854	*	-	*

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	1,382,306	892,457	489,849	568,857	420,811	148,04	1,711,06	565,123	1,145,93	189,52	52,445	137,084
Siti	67,842	40,839	27,003	23,107	19,922	3,185	88,068	30,379	57,689	3,188	1,487	1,702
Fafan	46,470	32,185	14,285	8,433	5,724	2,709	7,920	3,168	4,752	4,213	2,393	1,820
Jerer	143,967	127,035	16,933	100,192	98,323	1,870	8,977	5,845	3,132	1,197	999	*
Erer	75,916	48,790	27,126	18,656	15,177	3,479	3,245	938	2,308	-	-	-
Korahe	15,965	13,140	2,825	10,250	9,409	841	923	495	428	60	-	60
Shebele	102,443	82,277	20,166	13,432	10,534	2,898	176,703	73,131	103,573	52,485	19,008	33,476
Dollo	34,789	22,820	11,969	19,987	15,350	4,636	64,617	27,494	37,123	6,086	3,194	2,892
Afder	404,748	239,237	165,511	167,362	107,310	60,051	480,420	173,970	306,450	34,679	8,334	26,345
Liben	468,849	272,589	196,260	196,333	130,656	65,677	800,997	226,826	574,171	83,666	16,092	67,573
Nogob	1,461	1,410	51	456	456	-	304	254	51	-	-	-
Dawa	19,856	12,134	7,722	10,649	7,950	2,699	78,886	22,624	56,262	3,956	938	3,018
Benshangul-Gumuz	53,862	32,492	21,370	43,207	31,075	12,132	138,258	55,282	82,976	*	*	*
Metekel	22,706	15,512	7,194	22,306	15,650	6,656	77,593	26,608	50,986	*	-	*
Asosa	20,531	12,137	8,394	15,015	11,537	3,478	26,135	14,288	11,847	*	*	*
Kemeshi	8,834	3,909	4,925	5,547	3,621	*	29,766	12,576	17,190	*	-	*
Mao Komo	1,790	934	856	340	268	72	4,764	1,810	2,954	-	-	-
SNNP	501,691	281,444	220,247	157,600	123,302	34,298	386,250	144,132	242,118	54,019	15,204	38,814
Gurage	12,722	4,841	7,881	4,516	4,090	*	13,096	5,913	7,182	*	-	*
Hadiya	38,636	19,094	19,543	14,006	10,085	*	17,070	5,194	11,876	*	*	*
Kembata Tembaro	9,974	4,610	5,364	*	*	*	6,006	1,447	4,559	1,664	*	1,425
Sidama	60,505	32,382	28,123	*	*	*	20,436	9,526	10,910	*	-	*
Gedeo	-	-	-	*	*	-	*	-	*	-	-	-
Welayta	11,532	5,667	5,865	*	*	-	11,395	*	*	-	-	-
Debub Omo	106,187	76,089	30,099	54,549	43,990	10,559	134,744	52,649	82,095	12,587	*	4,649
Sheka	2,303	1,364	939	3,812	2,428	1,385	2,724	1,467	*	1,275	*	1,097
Kefa	32,546	18,196	14,350	27,842	20,795	7,047	31,128	12,690	18,438	3,429	*	*
Gamo Gofa	100,964	45,544	55,420	7,358	6,517	*	59,773	19,436	40,336	15,212	*	12,038
Bench Maji	18,584	11,960	6,623	11,854	*	3,186	22,532	6,858	15,674	*	*	2,168
Yem Liyu	5,300	2,719	2,581	*	*	*	*	2,375	*	*	-	*
Segen Akababi												
Hizboch	40,537	29,225	11,312	5,551	5,342	*	31,207	12,153	19,054	1,772	*	1,530
Alaba Special	11,718	6,327	5,391	6,693	5,226	*	8,996	3,009	5,987	*	*	*
Dawro	7,599	4,676	2,923	732	623	*	3,668	1,878	1,790	*	*	*
Basketo Special	*	*	*	*	*	*	*	1,128	*	*	*	*
Konta Liyu	4,770	2,982	1,788	*	*	-	2,983	1,208	*	*	-	*
Selite	35,302	14,494	20,808	7,940	5,359	2,581	11,769	2,364	9,405	*	-	*
Gambela region	8,351	5,284	3,067	2,505	*	*	14,749	5,449	9,300	*	*	*
Agnuwak	736	*	299	198	167	*	417	121	296	*	*	*
Nware	4,947	3,404	1,543	*	*	*	12,201	4,206	7,995	*	*	*
Mezhenger	*	*	*	*	*	-	*	*	*	-	-	-
Itang Special	1,218	802	417	*	*	*	1,523	816	707	*	-	*
Harari	12,499	8,702	3,797	8,237	7,575	662	9,224	3,755	5,469	*	*	*
Harari	12,499	8,702	3,797	8,237	7,575	662	9,224	3,755	5,469	*	*	*
DirDawaAstedader	70,131	47,009	23,121	10,015	8,599	*	44,215	14,764	29,451	3,610	801	2,809
Dire Dawa	70,131	47,009	23,121	10,015	8,599	*	44,215	14,764	29,451	3,610	801	2,809

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	136,010	93,742	42,268	164,827	89,145	75,682	24,484	*	5,983
Tigray	-	-	-	-	-	-	*	*	-
Semen Mirab	-	-	-	-	-	-	*	*	-
Mehakelawi	-	-	-	-	-	-	-	-	-
Misrakawi	-	-	-	-	-	-	-	-	-
Debubawi	-	-	-	-	-	-	-	-	-
Mirabawi	-	-	-	-	-	-	-	-	-
Debub Misrak	-	-	-	-	-	-	-	-	-
Afar	-	-	-	*	*	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	*	*	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
Amhara	38,046	25,315	12,731	25,784	12,232	13,552	-	-	-
Semen Gonder	*	*	*	*	*	*	-	-	-
Debub Gonder	-	-	-	*	*	-	-	-	-
Semen Wello	7,161	5,193	*	*	*	*	-	-	-
Debub Wello	*	*	*	*	-	*	-	-	-
Semen Shewa	4,368	2,959	*	5,907	*	4,418	-	-	-
Misrak Gojjam	9,293	5,667	3,627	5,580	*	*	-	-	-
Mirab Gojjam	*	*	*	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-
awi	3,851	2,922	*	6,836	4,187	*	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-
Maekelawi Gonder	*	*	*	*	*	*	-	-	-
Mirab Gonder	-	-	-	-	-	-	-	-	-
Oromia	77,302	54,787	22,514	96,562	45,398	51,164	6,248	*	5,492
Mirab Wollega	-	-	-	-	-	-	-	-	-
Misrak Wollega	-	-	-	-	-	-	-	-	-
Ilu Ababor	*	2,476	*	15,454	*	9,106	-	-	-
Jimma	3,538	2,783	*	4,556	*	*	*	*	-
Mirab Shewa	14,402	11,165	*	26,451	12,800	13,652	*	-	*
Semen Shewa	*	1,782	*	*	*	*	*	-	*
Misrak Shewa	1,625	1,625	-	*	*	-	-	-	-
Arsi	19,712	11,622	8,090	7,936	*	5,056	*	-	*
Mirab Hararghe	-	-	-	-	-	-	-	-	-
Mierak Hararge	-	-	-	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	-	-	-	-	-	-	-	-	-
Debub Mirab Shewa	*	*	*	6,859	6,859	-	*	-	*
Guji	*	*	*	*	*	*	-	-	-
Mirab Guji	*	*	-	*	*	*	-	-	-
Oromiya Liyu Zone	*	*	*	1,222	*	*	-	-	-
Mirab Arsi	8,829	5,586	*	10,507	*	5,380	*	-	*
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	1,045	*	*	*	*	*	-	-	-
Buno Bedele	*	*	*	1,104	700	*	-	-	-

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	-	-	-	444	148	296	64	64	-
Siti	-	-	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	444	148	296	64	64	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	*	*	*	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	*	*	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	*	*	-	-	-	-
SNNP	20,601	13,577	7,023	36,074	25,611	10,463	*	*	*
Gurage	*	-	*	*	*	-	-	-	-
Hadiya	*	-	*	*	*	*	*	*	-
Kembata Tembaro	*	*	-	-	-	-	-	-	-
Sidama	*	-	*	-	-	-	*	*	-
Gedeo	*	-	*	*	*	*	-	-	-
Welayta	-	-	-	*	*	-	-	-	-
Debub Omo	*	*	-	*	*	*	*	*	-
Sheka	*	*	-	2,240	1,333	*	-	-	-
Kefa	11,107	8,837	*	18,421	13,671	*	*	*	-
Gamo Gofa	*	*	*	*	*	*	*	-	*
Bench Maji	*	*	-	*	*	*	-	-	-
Yem Liyu	*	*	-	*	-	*	-	-	-
Segen Akababi									
Hizboch	-	-	-	-	-	-	*	*	-
Alaba Special	*	*	*	*	*	-	-	-	-
Dawro	*	*	-	*	*	-	*	*	-
Basketo Special	-	-	-	*	*	-	-	-	-
Konta Liyu	-	-	-	*	*	*	*	*	-
Silite	*	*	*	*	*	*	-	-	-
Gambela region	*	*	-	*	*	-	-	-	-
Agnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	*	*	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
DirDawaAstedader	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	569,378	360,459	208,919	504,494	262,965	241,528	32,637	22,166	10,471
Tigray	43,217	30,017	13,200	36,258	18,499	17,759	-	-	-
Semen Mirab	8,155	5,143	3,012	15,882	6,781	*	-	-	-
Mehakelawi	6,513	4,865	1,648	3,946	3,101	*	-	-	-
Misrakawi	8,152	5,363	2,788	3,965	1,272	2,693	-	-	-
Debubawi	5,388	3,426	1,962	2,254	*	1,252	-	-	-
Mirabawi	4,101	2,994	1,107	3,057	2,319	*	-	-	-
Debub Misrak	10,907	8,225	2,683	7,153	4,023	3,130	-	-	-
Afar	20,995	15,787	5,207	17,262	12,719	4,543	*	*	*
Zone_1 (Awsiresu)	*	*	*	*	*	*	-	-	-
Zone_2 (Kelbetiresu)	*	*	*	6,826	4,748	2,078	-	-	-
Zone_3 (Gebiresu)	7,162	5,538	1,625	*	*	*	*	*	*
Zone_4 (Fentiresu)	546	379	*	407	358	*	-	-	-
Zone_5 (Hariresu)	4,864	3,235	1,629	*	*	*	*	-	*
Amhara	227,360	130,948	96,412	192,426	86,392	106,034	10,041	7,329	*
Semen Gonder	15,054	9,344	5,710	14,492	4,687	9,804	*	*	-
Debub Gonder	28,516	16,043	12,473	17,240	7,076	10,164	*	*	-
Semen Wello	21,719	13,279	8,440	11,062	3,687	7,375	*	*	*
Debub Wello	34,425	16,634	17,792	14,201	5,156	9,046	*	*	*
Semen Shewa	22,442	16,558	5,883	26,292	13,032	13,259	*	*	-
Misrak Gojjam	39,053	18,181	20,871	40,118	23,522	16,596	*	*	-
Mirab Gojjam	11,096	5,152	5,943	21,268	8,041	13,227	*	*	*
Waghimra	7,844	3,850	3,994	8,437	4,513	3,924	-	-	-
Awi	6,928	*	2,113	4,593	2,932	1,660	*	*	-
Oromiya Liyu Zone	3,986	2,371	*	3,205	*	2,208	-	-	-
Maekelawi Gonder	34,387	23,118	11,269	29,309	10,960	18,349	*	*	*
Mirab Gonder	1,910	1,602	*	2,210	1,789	*	*	*	-
Oromia	202,593	135,503	67,091	182,103	95,561	86,542	16,107	*	4,849
Mirab Wollega	10,691	5,197	5,494	16,277	8,015	8,262	*	-	*
Misrak Wollega	8,217	5,619	2,599	8,681	5,619	3,062	-	-	-
Ilu Ababor	*	*	-	4,652	2,514	*	*	-	*
Jimma	11,513	10,749	*	13,501	7,091	*	*	*	*
Mirab Shewa	11,516	8,258	3,258	20,530	10,992	9,538	-	-	-
Semen Shewa	12,917	6,664	6,253	13,032	3,891	9,141	-	-	-
Misrak Shewa	5,883	4,811	*	6,248	3,584	2,664	-	-	-
Arsi	75,254	52,761	22,494	13,286	8,911	*	*	*	*
Mirab Hararghe	15,241	9,177	6,064	15,672	6,768	8,905	*	*	-
Mierak Hararge	8,360	4,472	3,889	16,214	5,952	10,263	*	*	*
Bale	9,006	6,940	2,066	5,809	4,156	1,653	-	-	-
Borena	*	*	-	*	*	*	*	*	*
Debub Mirab Shewa	4,747	2,841	*	6,168	2,016	4,152	*	*	*
Guji	*	*	*	-	-	-	*	-	*
Mirab Guji	-	-	-	*	*	-	-	-	-
Oromiya Liyu Zone	5,694	3,562	2,131	9,884	4,321	5,563	*	-	*
Mirab Arsi	9,717	5,980	3,737	6,102	*	*	-	-	-
Kelem Wollega	*	*	*	*	*	*	-	-	-
Horo Guduru Wollega	5,655	3,949	1,706	18,122	16,156	1,966	-	-	-
Buno Bedele	*	*	*	1,334	*	*	-	-	-

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	7,833	6,264	1,570	18,685	11,581	7,104	*	*	*
Siti	*	*	-	618	534	*	-	-	-
Fafan	2,382	1,893	489	*	*	*	*	*	*
Jerer	*	*	-	*	*	-	-	-	-
Erer	957	702	255	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	1,003	774	229	2,844	1,258	1,586	111	111	-
Dollo	-	-	-	504	379	125	-	-	-
Afder	1,951	1,354	*	6,271	3,399	*	-	-	-
Liben	*	*	-	7,104	5,110	*	*	*	-
Nogob	-	-	-	51	-	51	-	-	-
Dawa	*	*	-	571	318	*	-	-	-
Benshangul-Gumuz	5,944	4,282	1,662	9,348	5,272	4,077	-	-	-
Metekel	4,205	2,583	1,622	5,523	3,034	2,489	-	-	-
Asosa	1,425	1,425	-	*	*	*	-	-	-
Kemeshi	*	*	-	2,158	*	*	-	-	-
Mao Komo	132	91	*	359	126	233	-	-	-
		37,12							
SNNP	60,475	0	23,355	46,132	31,605	14,526	5,031	2,512	2,519
Gurage	4,506	2,844	1,661	*	*	-	-	-	-
Hadiya	11,595	8,105	3,490	6,964	5,346	*	1,567	*	*
Kembata Tembaro	*	6,828	*	1,417	1,417	-	-	-	-
Sidama	*	*	-	*	*	*	-	-	-
Gedeo	-	-	-	*	*	-	-	-	-
Welayta	3,935	3,935	-	*	*	*	*	*	-
Debub Omo	*	*	*	*	*	*	*	*	-
Sheka	*	*	-	*	*	-	*	*	-
Kefa	*	*	-	-	-	-	-	-	-
Gamo Gofa	*	4,430	*	12,151	6,306	*	-	-	-
Bench Maji	-	-	-	*	-	*	-	-	-
Yem Liyu	*	148	*	*	*	*	-	-	-
Segen Akababi Hizboch	*	*	*	4,039	*	*	*	*	*
Alaba Special	3,603	1,599	2,003	1,116	*	1,015	646	*	426
Dawro	*	*	-	*	-	*	-	-	-
Basketo Special	*	-	*	*	*	*	-	-	-
Konta Liyu	*	*	-	*	*	-	-	-	-
Selite	9,420	*	7,083	*	*	*	*	*	*
Gambela region	-	-	-	*	*	-	-	-	-
Agnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	-	-	-	651	*	*
Harari	*	*	*	-	-	-	651	*	*
DirDawaAstedader	504	447	*	-	-	-	1,607	930	676
Dire Dawa	504	447	*	-	-	-	1,607	930	676

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	39,154	19,849	19,306	37,689	26,911	10,778	*	*	-
Tigray	*	*	*	*	*	-	-	-	-
Semen Mirab	-	-	-	-	-	-	-	-	-
Mehakelawi	-	-	-	-	-	-	-	-	-
Misrakawi	-	-	-	-	-	-	-	-	-
Debubawi	*	*	-	*	*	-	-	-	-
Mirabawi	-	-	-	-	-	-	-	-	-
Debub Misrak	*	-	*	-	-	-	-	-	-
Afar	-	-	-	*	*	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	*	*	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
Amhara	22,113	9,567	12,546	12,076	8,895	3,181	-	-	-
Semen Gonder	*	*	-	-	-	-	-	-	-
Debub Gonder	*	*	*	*	*	-	-	-	-
Semen Wello	*	*	*	2,108	*	*	-	-	-
Debub Wello	*	*	*	*	*	-	-	-	-
Semen Shewa	*	-	*	*	*	-	-	-	-
Misrak Gojjam	2,691	*	*	*	*	*	-	-	-
Mirab Gojjam	4,402	3,048	*	5,107	4,316	*	-	-	-
Waghimra	*	*	*	-	-	-	-	-	-
Awi	*	1,891	*	1,357	*	*	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-
Maeikelawi Gonder	*	-	*	-	-	-	-	-	-
Mirab Gonder	-	-	-	-	-	-	-	-	-
Oromia	9,766	5,297	4,470	19,829	13,149	6,681	-	-	-
Mirab Wollega	-	-	-	-	-	-	-	-	-
Misrak Wollega	*	-	*	*	*	*	-	-	-
Ilu Ababor	*	-	*	-	-	-	-	-	-
Jimma	*	-	*	4,472	*	*	-	-	-
Mirab Shewa	*	*	-	*	*	*	-	-	-
Semen Shewa	*	-	*	*	*	*	-	-	-
Misrak Shewa	*	-	*	*	*	*	-	-	-
Arsi	*	*	*	-	-	-	-	-	-
Mirab Hararghe	-	-	-	-	-	-	-	-	-
Mierak Hararge	-	-	-	-	-	-	-	-	-
Bale	*	*	-	*	*	-	-	-	-
Borena	-	-	-	-	-	-	-	-	-
Debub Mirab Shewa	-	-	-	-	-	-	-	-	-
Guji	-	-	-	-	-	-	-	-	-
Mirab Guji	*	*	-	*	*	-	-	-	-
Oromiya Liyu Zone	-	-	-	*	*	-	-	-	-
Mirab Arsi	-	-	-	-	-	-	-	-	-
Kelem Wollega	*	*	-	*	*	-	-	-	-
Horo Guduru Wollega	*	*	*	*	*	*	-	-	-
Buno Bedele	*	*	-	-	-	-	-	-	-

TABLE 3-20 – f CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	1,070	1,070	-	-	-	-
Siti	-	-	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	1,070	1,070	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-	-	-
Dawa	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	-	*	*	*	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	*	*	-
SNNP	5,499	4,160	*	*	*	*	*	*	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	*	*	*	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	*	*	-	-	-	-	-	-	-
Gedeo	*	*	-	-	-	-	-	-	-
Welayta	-	-	-	-	-	-	-	-	-
Debub Omo	-	-	-	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-
Kefa	*	*	-	-	-	-	-	-	-
Gamo Gofa	2,073	*	*	*	*	-	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Liyu	-	-	-	-	-	-	-	-	-
Segen Akababi	-	-	-	-	-	-	-	-	-
Hizboch	*	*	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	*	*	*	-	-	-	*	*	-
Basketo Special	*	*	-	*	*	-	-	-	-
Konta Liyu	*	*	-	*	*	*	-	-	-
Silite	-	-	-	-	-	-	-	-	-
Gambela region	-	-	-	-	-	-	*	*	-
Agnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
DirDawaAstedader	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	324,660	253,576	71,085	30,005	15,962	14,043	216,366	81,437	134,929	10,784	5,220	5,564
Tigray	6,593	6,593	-	*	*	-	1,852	1,852	-	*	*	-
Semen Mirab	*	*	-	-	-	-	-	-	-	*	*	-
Mehakelawi	*	*	-	-	-	-	*	*	-	-	-	-
Misrakawi	-	-	-	-	-	-	-	-	-	-	-	-
Debubawi	*	*	-	*	*	-	*	*	-	-	-	-
Mirabawi	*	*	-	-	-	-	-	-	-	-	-	-
Debub Misrak	-	-	-	-	-	-	*	*	-	-	-	-
Afar	68,660	49,350	19,310	4,702	3,602	*	38,415	17,032	21,383	*	*	*
Zone_1 (Awsiresu)	23,581	17,043	*	*	*	-	22,025	9,164	12,861	-	-	-
Zone_2 (Kelbetiresu)	4,510	3,135	*	*	*	*	7,741	3,558	4,183	-	-	-
Zone_3 (Gebiresu)	22,404	17,527	4,877	*	*	*	5,325	2,944	2,381	*	*	*
Zone_4 (Fentiresu)	2,014	1,690	324	*	*	*	465	*	*	*	*	-
Zone_5 (Hariresu)	16,152	9,956	6,196	1,283	1,283	-	2,859	1,180	1,679	*	*	*
Amhara	10,503	10,503	-	*	*	*	*	*	*	-	-	-
Semen Gonder	-	-	-	-	-	-	*	*	*	-	-	-
Debub Gonder	-	-	-	-	-	-	*	*	-	-	-	-
Semen Wello	2,741	2,741	-	*	-	*	-	-	-	-	-	-
Debub Wello	*	*	-	*	*	-	-	-	-	-	-	-
Semen Shewa	*	*	-	-	-	-	-	-	-	-	-	-
Misrak Gojjam	-	-	-	*	*	-	-	-	-	-	-	-
Mirab Gojjam	-	-	-	-	-	-	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromiya Liyu Zone	*	*	-	*	*	-	*	*	-	-	-	-
Mackelawi Gonder	-	-	-	*	*	-	-	-	-	-	-	-
Mirab Gonder	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	*	*	7,574	*	*	*	10,376	5,838	*	*	*	*
Mirab Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Misrak Wollega	*	-	*	-	-	-	-	-	-	-	-	-
Ilu Ababor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
Mirab Shewa	*	*	-	*	-	*	-	-	-	-	-	-
Semen Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Misrak Shewa	*	*	*	-	-	-	-	-	-	-	-	-
Arsi	-	-	-	-	-	-	-	-	-	-	-	-
Mirab Hararghe	*	*	*	-	-	-	*	*	-	*	-	*
Mierak Hararge	*	-	*	-	-	-	*	*	-	-	-	-
Bale	*	*	*	*	*	*	*	*	*	*	-	-
Borena	3,510	2,495	1,015	-	-	-	*	*	*	*	*	*
Debub Mirab Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Guji	*	*	-	-	-	-	-	-	-	*	-	*
Mirab Guji	-	-	-	-	-	-	-	-	-	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-	-	-	-
Mirab Arsi	-	-	-	*	*	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-	-	-	-	-	-	-

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	121,676	79,113	42,563	12,039	7,938	*	152,490	47,590	104,900	4,197	1,400	2,797
Siti	*	*	-	-	-	-	*	*	*	*	*	*
Fafan	10,324	8,441	*	*	*	*	*	*	697	*	-	-
Jerer	19,403	17,632	1,771	2,713	2,713	-	*	*	*	*	*	-
Erer	31,607	20,626	10,981	1,948	1,622	326	2,142	458	1,684	-	-	-
Korahe	1,001	1,001	-	29	29	-	201	86	115	-	-	-
Shebele	2,168	2,077	91	-	-	-	1,212	631	581	-	-	-
Dollo	1,421	844	577	-	-	-	7,463	2,504	4,959	107	-	107
Afder	15,866	8,499	*	*	*	*	25,921	7,984	17,937	*	*	*
Liben	*	17,568	*	*	*	*	101,745	31,844	69,901	*	*	*
Nogob	573	523	51	-	-	-	51	-	51	-	-	-
Dawa	3,566	1,565	*	*	*	-	10,492	2,871	7,620	*	*	*
Benshangul-Gumuz												
Metekel	-	-	-	-	-	-	*	*	-	-	-	-
Asosa	-	-	-	-	-	-	*	*	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gurage	*	*	*	-	-	-	*	*	*	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	*	*	*	-	-	-	-	-	-	-	-	-
Gedeo	*	*	*	-	-	-	*	*	*	-	-	-
Welayta	-	-	-	-	-	-	-	-	-	-	-	-
Debub Omo	-	-	-	-	-	-	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-	-	-	-
Kefa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	*	*	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Liyu	-	-	-	-	-	-	-	-	-	-	-	-
Segen Akababi Hizboch	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Special	-	-	-	-	-	-	-	-	-	-	-	-
Konta Liyu	-	-	-	-	-	-	-	-	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-	-	-	-
Gambela region	-	-	-	-	-	-	-	-	-	-	-	-
Agnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-	-	-	-
DirDawaAstedader	1,003	*	*	-	-	-	*	*	263	-	-	-
Dire Dawa	1,003	*	*	-	-	-	*	*	263	-	-	-

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	13,241,454	12,894,275	34,706,683	387,071
Tigray	2,071,718	2,935,718	3,639,329	35,543
Semen Mirab	796,362	1,179,645	2,031,276	15,678
Mehakelawi	414,800	459,929	456,751	*
Misrakawi	226,746	258,133	298,669	3,243
Debubawi	90,850	228,060	142,141	3,820
Mirabawi	255,563	382,740	483,777	*
Debub Misrak	287,397	427,210	226,716	3,566
Afar	18,585	3,555	*	*
Zone_1 (Awsiresu)	-	-	-	*
Zone_2 (Kelbetiresu)	*	*	*	-
Zone_3 (Gebiresu)	*	2,557	*	-
Zone_4 (Fentiresu)	-	-	-	-
Zone_5 (Hariresu)	*	*	*	-
Amhara	5,978,382	6,080,541	14,198,426	135,424
Semen Gonder	437,738	751,228	1,150,317	8,737
Debub Gonder	749,002	809,790	1,175,897	*
Semen Wello	540,229	319,168	645,146	12,976
Debub Wello	533,396	334,548	857,414	*
Semen Shewa	501,749	665,729	1,171,236	17,413
Misrak Gojjam	265,001	273,749	728,047	*
Mirab Gojjam	990,619	957,380	3,583,701	15,286
Waghimra	170,243	112,463	259,054	2,866
Awi	308,832	289,783	1,108,978	*
Oromiya Liyu Zone	80,523	35,147	125,695	*
Maekelawi Gonder	1,320,094	1,428,242	3,245,439	*
Mirab Gonder	80,956	103,314	147,501	4,444
Oromia	3,357,814	2,737,094	10,736,542	113,482
Mirab Wollega	192,901	263,630	925,135	*
Misrak Wollega	101,142	156,776	521,275	2,569
Ilu Ababor	135,833	237,967	475,659	*
Jimma	304,733	192,768	1,184,085	6,081
Mirab Shewa	203,446	356,518	1,151,727	*
Semen Shewa	127,504	81,747	641,835	*
Misrak Shewa	208,489	136,746	369,029	*
Arsi	459,013	364,605	733,478	*
Mirab Hararghe	245,547	74,397	721,523	11,651
Mierak Hararge	253,505	*	1,108,080	21,314
Bale	184,610	56,089	273,169	*
Borena	12,490	*	32,059	*
Debub Mirab Shewa	220,760	126,593	316,858	*
Guji	129,590	56,370	166,419	*
Mirab Guji	55,380	*	133,551	*
Oromiya Liyu Zone	110,633	62,358	341,773	*
Mirab Arsi	202,225	52,579	377,560	*
Kelem Wollega	104,195	272,154	822,994	*
Horo Guduru Wollega	81,460	116,173	340,850	*
Buno Bedele	24,358	33,017	99,484	*

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	14,156	13,423	112,869	*
Siti	-	*	*	*
Fafan	*	-	*	-
Jerer	-	-	-	-
Erer	225	-	-	-
Korahe	-	-	-	-
Shebele	-	2,765	-	-
Dollo	-	-	-	-
Afder	6,078	*	28,777	*
Liben	*	*	75,639	-
Nogob	-	-	-	-
Dawa	*	*	5,656	*
Benshangul-Gumuz	142,754	211,461	725,186	3,238
Metekel	42,526	80,540	338,435	*
Asosa	71,404	109,740	241,087	*
Kemeshi	24,063	16,674	105,872	-
Mao Komo	4,761	4,507	39,791	*
SNNP	1,588,767	886,389	4,933,629	90,726
Gurage	52,587	60,512	134,081	*
Hadiya	168,407	101,884	562,826	9,146
Kembata Tembaro	56,062	49,120	162,617	1,176
Sidama	249,299	106,542	636,806	*
Gedeo	68,821	47,601	39,681	*
Welayta	57,266	13,198	223,309	*
Debub Omo	45,545	16,198	288,565	*
Sheka	26,912	60,474	112,435	*
Kefa	402,691	215,528	1,022,113	*
Gamo Gofa	168,216	41,002	694,795	*
Bench Maji	61,504	75,620	402,126	5,188
Yem Liyu	12,051	3,227	19,938	942
Segen Akababi Hizboch	43,475	*	196,246	*
Alaba Special	26,414	7,709	104,865	*
Dawro	24,890	5,109	71,101	*
Basketo Special	8,406	4,098	31,015	*
Konta Liyu	18,395	*	38,210	*
Silite	97,829	60,760	192,900	*
Gambela region	31,360	23,533	134,789	*
Agnuwak	2,546	1,311	23,208	-
Nuware	11,442	3,978	44,083	*
Mezhenger	11,970	16,985	51,237	*
Itang Special	5,402	1,259	16,261	-
Harari	19,763	2,165	77,705	*
Harari	19,763	2,165	77,705	*
DirDawaAstedader	18,155	*	121,545	3,859
Dire Dawa	18,155	*	121,545	3,859

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	7,150,187	12,575,143	1.48	7	3,895,323,355	2,067,475	1,930,987	5.16	9	1,820,317,985
Tigray	171,260	778,498	1.26	7	209,169,047	-	47,002	2.84	7	6,338,858
Semen Mirab	75,687	298,273	1.25	7	79,519,636	-	*	*	*	-
Mehakelawi	15,728	83,005	1.24	7	23,422,008	-	*	*	*	*
Misrakawi	21,248	76,280	1.21	6	17,955,411	-	-	-	-	-
Debubawi	2,511	71,504	1.27	7	20,828,040	-	*	*	*	*
Mirabawi	37,415	164,169	1.21	6	37,633,465	-	*	*	*	-
Debub Misrak	18,671	85,268	1.43	7	29,810,486	-	*	*	*	*
Afar	172,330	527,842	1.36	6	119,092,663	387,250	281,534	2.57	8	171,538,371
Zone_1 (Awsiresu)	70,586	248,321	1.23	5	47,985,080	121,261	119,069	2.64	8	63,573,405
Zone_2 (Kelbetiresu)	1,847	22,590	1.53	6	5,540,601	63,102	47,399	2.56	10	33,422,668
Zone_3 (Gebiresu)	76,353	143,992	1.48	6	35,295,432	121,993	63,534	2.57	8	39,903,812
Zone_4 (Fentiresu)	4,060	22,625	1.54	6	6,650,177	23,294	12,423	2.62	9	9,055,190
Zone_5 (Hariresu)	19,485	90,314	1.48	6	23,621,373	57,600	39,108	2.41	8	25,583,298
Amhara	525,918	2,657,769	1.30	7	730,420,497	-	84,606	2.35	*	*
Semen Gonder	36,811	137,740	1.30	7	39,527,328	-	*	*	*	*
Debub Gonder	17,212	291,679	1.41	7	86,825,452	-	-	*	-	-
Semen Wello	17,778	174,695	1.39	5	39,281,609	-	-	-	-	-
Debub Wello	47,511	319,583	1.45	6	98,315,275	-	-	-	-	-
Semen Shewa	39,911	178,980	1.57	7	66,421,610	-	*	-	*	-
Misrak Gojjam	66,692	264,443	0.99	7	60,606,241	-	-	*	-	-
Mirab Gojjam	114,912	388,865	1.04	7	89,973,513	-	*	*	*	*
Waghimra	7,072	71,357	1.06	6	13,766,613	-	-	-	-	-
Awi	47,881	241,123	1.26	7	66,859,154	-	-	*	-	-
Oromiya Liyu Zone	25,300	62,203	1.21	6	15,723,921	-	-	-	-	-
Maekelawi Gonder	88,298	458,006	1.42	7	131,921,347	-	*	*	*	-
Mirab Gonder	16,542	69,094	1.65	6	21,198,435	-	*	*	*	*
Oromia	2,783,410	4,962,696	1.62	7	1,712,705,875	79,917	350,337	4.08	9	166,708,370
Mirab Wollega	*	219,954	1.45	7	84,143,321	-	-	-	-	-
Misrak Wollega	*	183,443	*	7	*	-	*	*	*	-
Ilu Ababor	121,730	197,324	1.31	7	58,382,205	-	*	*	*	-
Jimma	313,739	437,686	1.09	6	93,506,170	-	-	*	-	-
Mirab Shewa	102,101	450,384	1.29	6	122,420,578	-	*	1.07	*	*
Semen Shewa	109,792	218,155	1.66	7	86,582,492	-	*	*	*	*
Misrak Shewa	101,905	170,230	1.56	7	56,190,221	*	*	*	*	*
Arsi	397,979	602,080	2.09	7	270,548,889	-	*	*	*	*
Mirab Hararghe	113,322	236,699	1.57	6	67,073,479	*	*	2.69	*	*
Mierak Hararge	38,044	253,188	1.71	6	81,499,096	*	*	8.61	*	*
Bale	309,975	374,491	1.58	7	126,994,817	29,332	33,464	3.51	9	38,182,383
Borena	108,166	159,784	1.75	6	55,253,288	29,984	25,360	4.42	8	33,734,580
Debub Mirab Shewa	124,914	162,701	1.10	7	38,899,080	-	*	*	*	-
Guji	154,249	258,064	1.54	7	88,803,180	*	*	2.83	10	9,789,420
Mirab Guji	37,232	107,402	1.99	8	45,218,263	-	*	3.64	*	-
Oromiya Liyu Zone	152,450	161,039	1.96	7	73,005,419	-	-	*	-	-
Mirab Arsi	483,437	462,043	1.75	7	176,569,228	-	-	*	-	-
Kelem Wollega	*	111,711	1.51	6	32,166,450	-	-	-	-	-
Horo Guduru Wollega	14,444	97,509	1.19	8	28,565,115	-	-	-	-	-
Buno Bedele	39,844	98,809	1.31	6	27,127,589	-	-	-	-	-

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	364,825	616,028	1.53	6	177,582,308	1,597,550	985,281	7.41	9	9,442,885,80
Siti	5,841	9,961	1.45	7	3,109,190	3,556	2,868	3.07	11	*
Fafan	60,762	89,303	1.75	7	33,123,616	76,997	71,329	2.49	10	51,415,187
Jerer	17,545	22,327	1.91	7	8,712,235	751,739	171,604	3.18	9	151,915,068
Erer	61,481	83,013	1.88	5	23,663,502	194,816	99,207	2.79	6	62,792,438
Korahe	9,071	22,323	1.99	7	9,077,360	76,099	48,103	2.68	8	35,915,833
Shebele	83,955	76,444	1.46	5	17,682,480	28,614	60,031	2.66	7	31,919,280
Dollo	4,055	4,116	2.00	7	1,603,881	88,115	71,340	2.41	11	53,961,185
Afder	48,833	91,830	1.47	6	26,340,559	81,413	*	*	10	*
Liben	62,725	179,804	1.32	6	44,582,930	189,019	170,011	2.96	10	175,541,884
Nogob	725	6,565	1.45	5	1,222,553	12,180	8,353	2.10	6	2,656,401
Dawa	9,832	30,342	1.39	6	8,464,001	*	32,880	2.79	10	33,855,301
Benshangul-Gumuz	54,589	126,896	1.16	8	35,105,819	-	*	*	*	-
Metekel	*	19,007	1.29	6	4,758,342	-	*	-	*	-
Asosa	51,363	95,970	1.08	8	26,246,684	-	-	*	-	-
Kemeshi	1,810	10,038	1.39	8	3,433,589	-	-	-	-	-
Mao Komo	713	1,882	1.47	7	667,205	-	-	*	-	-
SNNP	3,066,969	2,804,825	1.48	7	874,457,632	-	*	1.77	*	*
Gurage	337,179	255,377	1.15	7	63,494,439	-	*	*	*	-
Hadiya	298,682	248,959	1.31	7	63,622,001	-	-	*	-	-
Kembata Tembaro	141,739	121,204	2.01	7	54,473,029	-	*	*	*	-
Sidama	604,212	656,246	1.61	7	220,367,044	-	*	*	*	-
Gedeo	8,753	23,575	1.43	6	6,376,390	-	-	*	-	-
Welayta	265,349	252,902	1.43	7	84,356,474	-	-	-	-	-
Debub Omo	197,992	141,995	1.72	7	50,001,198	-	*	*	*	*
Sheka	23,470	37,640	1.81	6	13,970,081	-	-	-	-	-
Kefa	213,864	247,991	1.63	6	75,035,088	-	-	*	-	-
Gamo Gofa	453,947	366,987	1.23	6	94,146,478	-	-	-	-	-
Bench Maji	92,930	80,918	1.58	6	26,596,666	-	*	*	*	-
Yem Liyu	5,047	8,893	0.90	7	1,715,227	-	-	-	-	-
Segen Akababi Hizboch	67,908	63,593	1.30	6	17,120,912	-	-	-	-	-
Alaba Special	48,144	42,650	1.30	7	12,011,940	-	*	-	*	-
Dawro	84,337	80,647	1.71	8	36,970,091	-	*	-	*	-
Basketo Special	12,825	12,836	1.32	7	4,095,292	-	-	-	-	-
Konta Liyu	30,669	26,324	1.58	7	10,003,021	-	-	-	-	-
Silite	179,924	136,088	1.50	6	40,102,262	-	*	-	*	-
Gambela region	*	68,609	1.89	5	26,926,711	-	*	*	*	*
Agnuwak	*	1,053	1.72	5	283,484	-	-	-	-	-
Nuware	*	57,076	2.01	5	23,132,672	-	-	-	-	-
Mezhenger	*	6,979	1.62	6	2,181,621	-	*	*	*	*
Itang Special	-	*	1.64	5	*	-	-	-	-	-
Harari	3,887	16,503	1.86	6	5,845,568	*	*	*	*	*
Harari	3,887	16,503	1.86	6	5,845,568	*	*	*	*	*
DirDawaAstedader	5,148	15,478	1.64	5	4,017,235	2,574	1,825	2.76	9	1,355,622
Dire Dawa	5,148	15,478	1.64	5	4,017,235	2,574	1,825	2.76	9	1,355,622

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	13,410,657	5	23	13	110,569,380
Tigray	1,203,229	6	25	15	14,635,953
Semen Mirab	507,588	6	21	13	3,734,169
Mehakelawi	257,971	5	29	18	3,100,088
Misrakawi	63,379	12	45	25	2,619,210
Debubawi	84,131	6	24	14	751,021
Mirabawi	160,594	5	23	13	1,298,902
Debub Misrak	129,566	8	30	18	3,132,563
Afar	22,581	6	21	16	206,449
Zone_1 (Awsiresu)	*	*	*	*	*
Zone_2 (Kelbetiresu)	10,515	*	*	*	101,132
Zone_3 (Gebiresu)	*	*	*	*	*
Zone_4 (Fentiresu)	*	*	*	*	*
Zone_5 (Hariresu)	4,367,410	5	24	13	36,801,619
Amhara	321,571	4	24	13	2,277,114
Semen Gonder	424,548	4	23	12	2,497,536
Debub Gonder	268,352	6	25	13	3,227,049
Semen Wello	553,885	5	24	12	4,296,458
Debub Wello	543,644	5	26	13	4,426,943
Semen Shewa	429,187	7	25	14	6,574,511
Misrak Gojjam	645,412	4	24	15	4,714,824
Mirab Gojjam	121,529	4	22	11	632,021
Waghimra	288,898	5	23	14	2,295,915
Awi	79,016	5	26	14	484,119
Oromiya Liyu Zone	636,474	4	23	13	4,949,221
Maekelawi Gonder	54,894	4	25	15	425,909
Mirab Gonder	5,278,021	5	22	13	42,277,217
Oromia	313,077	4	18	12	1,919,480
Mirab Wollega	207,911	3	19	10	691,906
Misrak Wollega	254,351	6	22	11	2,101,276
Ilu Ababor	646,556	4	20	11	2,981,733
Jimma	380,242	5	24	13	3,391,755
Mirab Shewa	212,989	5	27	16	2,184,411
Semen Shewa	230,498	6	26	14	1,978,275
Misrak Shewa	415,253	6	25	14	5,832,276
Arsi	318,550	5	21	13	2,155,675
Mirab Hararghe	585,307	6	21	11	4,168,416
Mierak Hararge	205,198	*	26	16	*
Bale	62,324	6	25	14	600,246
Borena	144,379	5	25	16	1,378,906
Debub Mirab Shewa	338,406	5	22	16	2,629,906
Guji	90,120	4	25	16	806,275
Mirab Guji	173,320	5	25	13	1,225,764
Oromiya Liyu Zone	244,578	5	24	14	1,927,193
Mirab Arsi	249,861	3	19	11	835,443
Kelem Wollega	113,973	3	23	13	546,031
Horo Guduru Wollega	91,129	3	20	11	316,576
Buno Bedele	13,410,657	5	23	13	110,569,380

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	91,490	4	20	14	645,376
Siti	2,246	3	18	10	7,664
Fafan	6,042	*	26	17	*
Jerer	*	*	*	*	*
Erer	*	*	*	*	*
Korahe	20,851	4	27	15	122,128
Shebele	53,574	3	18	14	248,179
Dollo	5,874	4	25	17	47,613
Afder	197,744	3	20	12	927,832
Liben	86,246	3	19	11	394,810
Nogob	79,559	3	23	13	368,936
Dawa	25,505	3	18	11	132,836
Benshangul-Gumuz	6,434	3	18	11	31,249
Metekel	2,105,111	4	22	13	14,080,286
Asosa	104,864	6	24	13	1,057,218
Kemeshi	209,426	3	25	14	1,215,129
Mao Komo	69,635	4	21	11	308,168
SNNP	451,470	5	24	14	4,159,712
Gurage	47,355	4	21	13	226,557
Hadiya	141,067	4	18	10	718,988
Kembata Tembaro	79,836	4	20	13	396,450
Sidama	21,809	4	20	12	127,955
Gedeo	239,952	3	19	11	942,733
Welayta	206,159	4	21	12	1,176,038
Debub Omo	86,933	5	21	13	795,610
Sheka	19,148	5	21	12	122,658
Kefa	142,826	5	22	13	1,090,421
Gamo Gofa	41,383	5	22	12	277,679
Bench Maji	50,344	4	20	11	291,352
Yem Liyu	9,422	5	21	13	68,999
Segen Akababi Hizboch	26,797	4	19	11	131,665
Alaba Special	156,684	4	24	13	972,954
Dawro	63,047	3	18	12	255,371
Basketo Special	6,041	3	17	12	24,018
Konta Liyu	34,405	3	17	12	134,996
Silite	14,483	3	19	12	66,060
Gambela region	8,118	3	17	12	30,296
Agnuwak	39,005	4	21	12	279,222
Nuware	39,005	4	21	12	279,222
Mezhenger	43,020	6	20	11	*
Itang Special	43,020	6	20	11	*
Harari	91,490	4	20	14	645,376
Harari	2,246	3	18	10	7,664
DirDawaAstedader	6,042	*	26	17	*
Dire Dawa	*	*	*	*	*

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					
Tigray	2,586,610	10	62	51	176,443,288
Semen Mirab	239,038	17	72	51	68,194,142
Mehakelawi	50,447	24	71	52	*
Misrakawi	64,718	6	81	54	2,034,877
Debubawi	77,043	7	83	56	3,619,889
Mirabawi	*	*	32	24	*
Debub Misrak	23,946	6	29	22	*
Afar	18,406	*	*	*	*
Zone_1 (Awsiresu)	*	*	*	*	*
Zone_2 (Kelbetiresu)	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
Amhara	636,929	11	62	49	36,344,226
Semen Gonder	5,499	*	*	*	168,381
Debub Gonder	29,822	6	27	21	387,749
Semen Wello	104,704	7	32	23	1,838,580
Debub Wello	125,256	14	80	60	*
Semen Shewa	125,474	12	74	66	*
Misrak Gojjam	31,246	*	59	46	*
Mirab Gojjam	61,233	5	39	33	624,310
Waghimra	17,383	*	*	*	485,351
Awi	21,203	*	47	41	*
Oromiya Liyu Zone	10,126	*	*	*	186,749
Maekelawi Gonder	52,695	5	75	60	1,373,684
Mirab Gonder	2,289	5	*	*	33,744
Oromia	1,138,330	9	58	48	43,396,864
Mirab Wollega	58,626	3	49	44	567,021
Misrak Wollega	42,127	*	35	30	*
Ilu Ababor	94,939	12	90	63	3,267,896
Jimma	56,411	5	33	27	588,039
Mirab Shewa	134,717	8	63	55	*
Semen Shewa	77,413	*	83	69	*
Misrak Shewa	73,710	5	34	27	786,629
Arsi	185,224	9	52	44	9,104,002
Mirab Hararghe	12,694	*	30	22	*
Mierak Hararge	17,716	*	22	18	*
Bale	24,307	*	45	42	*
Borena	*	16	*	*	*
Debub Mirab Shewa	125,466	5	45	36	2,183,827
Guji	*	*	*	*	*
Mirab Guji	*	5	*	*	331,198
Oromiya Liyu Zone	55,398	4	63	50	977,925
Mirab Arsi	62,727	5	55	49	1,109,718
Kelem Wollega	55,473	2	164	*	1,185,729
Horo Guduru Wollega	13,641	5	33	29	301,126
Buno Bedele	11,620	29	105	95	*

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	1,124	*	11	9	*
Siti	-	-	-	-	-
Fafan	-	-	-	-	-
Jerer	-	*	*	*	*
Erer	1,124	5	13	10	5,395
Korahe	-	*	*	*	*
Shebele	-	*	*	*	*
Dollo	-	-	-	-	-
Liben	-	-	-	-	-
Nogob	-	-	-	-	-
Dawa	-	-	-	-	-
Benshangul-Gumuz	-	*	*	*	*
Metekel	4,057	*	*	*	66,411
Asosa	*	*	*	16	*
Kemeshi	*	*	*	*	*
Mao Komo	*	*	*	*	*
SNNP	*	*	*	*	*
Gurage	552,975	8	69	56	28,081,34
Hadiya	125,850	5	65	55	1,915,460
Kembata Tembaro	35,593	*	173	149	*
Sidama	30,142	*	102	76	*
Gedeo	63,248	4	71	61	1,772,436
Welayta	11,454	4	47	42	159,305
Debub Omo	20,600	4	44	40	458,086
Sheka	29,735	8	41	36	884,090
Kefa	9,273	*	41	27	*
Gamo Gofa	17,504	7	31	23	*
Bench Maji	92,829	6	33	26	1,743,101
Yem Liyu	3,512	*	30	21	*
Segen Akababi Hizboch	1,791	9	*	*	19,315
Alaba Special	23,536	7	39	37	496,137
Dawro	5,495	5	53	46	118,537
Basketo Special	8,932	4	21	20	170,723
Konta Liyu	3,498	8	26	25	97,483
Silite	1,930	2	62	57	19,037
Gambela region	68,053	*	114	86	*
Agnuwak	9,032	6	35	30	120,910
Nuware	*	*	*	*	*
Mezhenger	-	-	-	-	-
Itang Special	8,997	6	36	31	120,695
Harari	-	-	*	*	-
Harari	*	*	*	*	*
DirDawaAstedader	*	*	*	*	*
Dire Dawa	2,982	2	116	*	54,292

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	2,006,602	-	143	120	29,808,501
Tigray	648,191	-	188	143	10,744,457
Semen Mirab	106,018	-	194	136	1,403,877
Mehakelawi	106,547	-	181	141	1,985,248
Misrakawi	237,567	-	153	130	3,454,786
Debubawi	25,963	-	216	178	467,951
Mirabawi	10,359	-	63	47	*
Debub Misrak	161,736	-	234	164	3,374,207
Afar	*	-	*	*	*
Zone_1 (Awsiresu)	*	-	*	*	*
Zone_2 (Kelbetiresu)	*	-	*	*	*
Zone_3 (Gebiresu)	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
Amhara	532,208	-	176	146	8,754,617
Semen Gonder	21,641	-	224	*	524,669
Debub Gonder	87,613	-	197	162	1,704,924
Semen Wello	55,515	-	301	213	1,314,748
Debub Wello	*	-	*	*	156,692
Semen Shewa	110,381	-	188	170	2,051,054
Misrak Gojjam	44,414	-	160	138	795,236
Mirab Gojjam	58,991	-	129	110	812,956
Waghimra	3,997	-	*	103	*
Awi	41,238	-	87	67	209,711
Oromiya Liyu Zone	*	-	*	*	*
Maekelawi Gonder	76,183	-	160	133	1,052,770
Mirab Gonder	4,552	-	141	118	59,402
Oromia	658,495	-	96	92	8,421,936
Mirab Wollega	*	-	*	*	*
Misrak Wollega	*	-	*	*	*
Ilu Ababor	19,983	-	44	29	80,436
Jimma	35,363	-	105	100	493,628
Mirab Shewa	27,516	-	67	77	444,748
Semen Shewa	63,892	-	129	109	789,167
Misrak Shewa	*	-	*	*	*
Arsi	141,766	-	90	92	2,180,975
Mirab Hararghe	53,281	-	73	65	445,869
Mierak Hararge	*	-	60	52	208,667
Bale	36,187	-	90	77	275,626
Borena	-	-	*	*	*
Debub Mirab Shewa	61,580	-	157	148	1,363,232
Guji	*	-	*	*	*
Mirab Guji	*	-	*	*	*
Oromiya Liyu Zone	13,962	-	170	112	146,944
Mirab Arsi	50,522	-	47	42	242,574
Kelem Wollega	*	-	*	*	*
Horo Guduru Wollega	3,206	-	*	*	*
Buno Bedele	8,346	-	160	144	148,111

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	*	-	20	17	6,864
Siti	*	-	*	*	*
Fafan	-	-	-	-	-
Jerer	-	-	*	*	*
Erer	-	-	-	-	-
Korahe	-	-	*	*	*
Shebele	-	-	-	-	-
Dollo	-	-	-	-	-
Afder	-	-	-	-	-
Liben	-	-	-	-	-
Nogob	-	-	-	-	-
Dawa	-	46	34	5,394	
Benshangul-Gumuz	8,178	-	79	77	106,517
Metekel	1,904	-	*	*	*
Asosa	3,970	-	80	79	66,890
Kemeshi	*	-	*	*	*
Mao Komo	170	-	*	*	*
SNNP	135,911	-	90	86	1,578,109
Gurage	15,642	-	104	98	258,307
Hadiya	*	-	*	*	*
Kembata Tembaro	*	-	*	*	*
Sidama	15,900	-	*	*	*
Gedeo	*	-	*	21	12,638
Welayta	16,445	-	*	*	*
Debub Omo	-	-	*	*	*
Sheka	16,830	-	86	101	201,761
Kefa	36,184	-	97	89	*
Gamo Gofa	*	-	*	*	*
Bench Maji	9,378	-	129	129	219,516
Yem Liyu	1,301	-	50	45	11,610
Segen Akababi Hizboch	*	-	*	*	*
Alaba Special	*	-	*	*	*
Dawro	3,126	-	30	26	30,338
Basketo Special	-	-	*	*	*
Konta Liyu	*	-	*	*	*
Silite	6,377	-	*	*	*
Gambela region	-	-	-	-	-
Agnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	*	-	*	*	40,503
Harari	*	-	*	*	40,503
DirDawaAstedader	17,444	-	74	71	109,026
Dire Dawa	17,444	-	74	71	109,026

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

a. Cattle

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	20,859,354	8,634,752	6,362,902	3,120,851	3,443,527	3,300,738
Tigray	2,367,229	1,063,662	560,268	585,128	382,478	516,194
Semen Mirab	891,966	391,225	119,505	264,542	*	224,948
Mehakelawi	465,624	200,115	101,027	*	102,894	111,586
Misrakawi	252,225	143,038	122,172	41,148	38,230	43,020
Debubawi	137,362	90,583	33,091	31,388	21,683	24,755
Mirabawi	394,329	114,074	103,801	148,006	*	*
Debub Misrak	225,722	124,626	80,672	61,923	*	71,881
Afar	19,080	*	*	*	*	*
Zone_1 (Awsiresu)	*	-	-	-	-	*
Zone_2 (Kelbetiresu)	*	*	-	*	*	-
Zone_3 (Gebiresu)	*	-	*	*	-	-
Zone_4 (Fentiresu)	*	-	-	-	*	*
Zone_5 (Hariesu)	*	-	-	*	-	*
Amhara	4,931,523	2,353,475	1,573,393	423,705	427,572	937,939
Semen Gonder	185,015	94,552	83,167	18,454	*	22,721
Debub Gonder	390,663	239,637	*	11,315	*	135,841
Semen Wello	264,800	194,788	64,148	20,707	68,626	*
Debub Wello	516,595	198,895	262,005	24,358	187,925	*
Semen Shewa	665,519	277,293	254,197	26,806	*	106,574
Misrak Gojjam	797,405	370,611	190,227	113,041	*	213,879
Mirab Gojjam	921,353	381,924	329,141	*	*	194,958
Waghimra	120,155	90,358	43,624	*	-	5,638
Awi	407,631	175,655	107,152	87,799	*	*
Oromiya Liyu Zone	*	*	*	*	*	*
Maekelawi Gonder	553,273	301,031	168,336	*	*	*
Mirab Gonder	79,649	*	*	2,031	*	48,837
Oromia	8,157,123	2,818,959	2,462,026	1,162,109	1,903,840	1,197,811
Mirab Wollega	595,309	221,413	92,218	140,141	238,988	*
Misrak Wollega	315,409	92,768	62,993	86,616	90,934	*
Ilu Ababor	350,967	116,655	27,178	*	175,043	55,104
Jimma	816,569	298,507	245,636	*	193,416	106,480
Mirab Shewa	659,508	296,003	278,619	*	120,386	*
Semen Shewa	441,558	118,542	260,494	*	41,320	77,055
Misrak Shewa	409,616	176,399	149,324	*	95,566	114,927
Arsi	533,097	178,219	159,100	*	198,334	*
Mirab Hararghe	441,308	181,339	161,295	81,010	69,729	60,822
Mierak Hararge	278,969	83,292	*	*	54,570	99,561
Bale	476,642	186,187	209,302	*	*	*
Borena	202,335	*	*	179,259	*	*
Debub Mirab Shewa	415,077	203,229	153,594	*	110,725	78,758
Guji	451,057	*	*	*	*	*
Mirab Guji	60,123	*	*	*	*	*
Oromiya Liyu Zone	368,832	80,013	229,599	*	*	*
Mirab Arsi	584,332	182,797	150,377	42,131	*	123,317
Kelem Wollega	379,682	*	*	189,072	*	*
Horo Guduru Wollega	232,105	*	*	*	73,887	*
Buno Bedele	144,630	45,641	*	10,650	47,162	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Somale	78,360	*	-	*	22,625	*
Siti	-	-	-	-	-	-
Fafan	-	-	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	2,473	-	-	2,473	-	2,473
Korahe	4,278	-	-	-	-	-
Shebele	521	-	-	-	444	669
Dollo	-	-	-	-	-	-
Afder	*	-	-	*	*	*
Liben	*	*	-	*	-	*
Nogob	-	-	-	-	-	-
Dawa	*	*	-	*	*	*
Benshangul-Gumuz	382,938	112,615	*	209,750	102,035	24,934
Metekel	55,106	*	*	37,311	*	*
Asosa	285,973	91,413	*	158,200	97,238	*
Kemeshi	34,613	*	*	*	-	*
Mao Komo	7,246	572	*	4,641	1,835	*
SNNP	4,899,570	2,278,362	1,705,690	717,359	592,694	571,324
Gurage	469,876	223,734	250,722	48,392	*	48,180
Hadiya	355,145	199,473	117,879	33,850	*	27,837
Kembata Tembaro	191,029	117,556	42,525	*	*	41,123
Sidama	876,156	188,980	299,496	74,094	273,061	*
Gedeo	38,054	12,556	*	*	*	*
Welayta	366,444	202,771	49,911	41,339	*	*
Debub Omo	271,676	217,770	73,800	*	*	*
Sheka	52,965	7,153	34,330	*	*	*
Kefa	389,228	219,539	120,973	4,653	*	*
Gamo Gofa	916,824	402,347	422,746	*	*	136,341
Bench Maji	169,937	96,944	46,936	*	*	*
Yem Liyu	47,287	12,588	36,704	*	2,127	*
Segen Akababi Hizboch	204,737	36,360	85,663	*	*	*
Alaba Special	104,680	95,117	*	*	*	19,784
Dawro	134,809	49,422	49,340	10,278	*	*
Basketo Special	32,702	11,387	20,722	*	*	*
Konta Liyu	54,667	12,656	*	*	23,796	*
Silite	223,353	172,006	*	2,043	-	32,160
Gambela region	*	*	*	*	-	*
Agnuwak	*	*	*	*	-	*
Nware	*	-	-	-	-	*
Mezhenger	710	*	*	-	-	*
Itang Special	-	-	-	-	-	-
Harari	9,653	*	*	*	*	2,689
Harari	9,653	*	*	*	*	2,689
Dir Dawa Astedader	7,978	*	*	*	*	*
Dire Dawa	7,978	*	*	*	*	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	4,997,272	772,561	447,553	1,704,283	1,300,283	1,369,388
Tigray	806,270	110,697	77,556	164,245	366,750	249,122
Semen Mirab	89,404	*	*	*	39,796	*
Mehakelawi	337,125	*	*	*	169,766	*
Misrakawi	205,808	46,141	37,681	*	107,486	*
Debubawi	48,509	*	*	*	16,118	*
Mirabawi	*	*	*	*	*	*
Debub Misrak	49,470	*	-	*	24,835	31,245
Afar	67,071	*	*	*	*	*
Zone_1 (Awsiresu)	*	-	-	*	-	*
Zone_2 (Kelbetiresu)	*	*	*	*	-	-
Zone_3 (Gebiresu)	*	*	-	*	-	*
Zone_4 (Fentiresu)	*	-	-	-	*	*
Zone_5 (Hariresu)	-	-	-	-	-	-
Amhara	1,982,370	463,268	229,733	481,396	486,236	584,110
Semen Gonder	87,558	*	24,826	*	*	39,066
Debub Gonder	83,958	*	*	*	-	47,768
Semen Wello	310,666	139,236	*	*	162,028	*
Debub Wello	411,613	*	*	121,874	141,887	*
Semen Shewa	483,511	*	*	159,142	*	238,266
Misrak Gojjam	241,084	30,050	*	64,310	64,708	68,682
Mirab Gojjam	162,038	65,211	*	*	*	28,055
Waghimra	34,541	17,731	*	*	-	*
Awi	98,447	26,123	*	*	*	11,196
Oromiya Liyu Zone	*	*	*	-	*	*
Maekelawi Gonder	52,722	24,212	*	*	*	*
Mirab Gonder	*	*	-	*	-	*
Oromia	1,103,614	70,866	71,164	433,462	286,774	394,521
Mirab Wollega	34,972	*	*	*	*	*
Misrak Wollega	11,718	*	*	*	*	*
Ilu Ababor	30,454	*	*	*	*	14,610
Jimma	20,413	*	-	*	*	*
Mirab Shewa	36,060	*	*	*	*	*
Semen Shewa	183,388	*	*	*	56,074	107,825
Misrak Shewa	59,042	*	-	*	*	*
Arsi	86,893	-	-	*	*	*
Mirab Hararghe	33,795	*	*	*	*	*
Mierak Hararge	45,358	*	*	*	*	14,852
Bale	45,770	-	-	*	*	*
Borena	128,275	*	*	*	*	*
Debub Mirab Shewa	15,697	*	*	*	*	*
Guji	*	*	*	*	-	*
Mirab Guji	*	-	-	*	-	-
Oromiya Liyu Zone	44,558	*	7,727	15,966	*	16,180
Mirab Arsi	116,941	*	*	*	*	*
Kelem Wollega	*	*	-	*	-	*
Horo Guduru Wollega	*	-	*	*	*	*
Buno Bedele	*	*	*	-	*	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Somale	346,522	*	*	331,644	*	25,224
Siti	*	-	*	*	-	*
Fafan	-	-	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	-
Korahe	163	163	-	-	-	-
Shebele	1,799	-	-	-	-	1,799
Dollo	926	-	-	84	-	842
Afder	248,378	-	-	247,704	-	*
Liben	*	-	-	*	-	*
Nogob	-	-	-	-	-	-
Dawa	21,584	*	-	*	*	*
Benshangul-Gumuz	13,883	*	*	8,208	*	*
Metekel	4,637	-	-	4,637	-	-
Asosa	3,922	*	-	*	*	*
Kemeshi	*	-	-	*	-	-
Mao Komo	2,817	*	*	683	1,030	*
SNNP	673,857	126,340	66,934	257,239	154,261	78,894
Gurage	100,904	*	21,934	*	*	*
Hadiya	*	*	*	*	-	*
Kembata Tembaro	5,299	*	-	3,620	*	*
Sidama	42,125	*	*	*	*	*
Gedeo	28,018	*	*	*	*	*
Welayta	1,634	*	-	*	-	*
Debub Omo	93,125	*	*	*	-	*
Sheka	5,827	*	*	*	*	-
Kefa	60,590	*	*	*	*	-
Gamo Gofa	94,054	*	*	32,385	*	*
Bench Maji	47,986	18,096	*	*	*	-
Yem Liyu	3,182	*	*	*	1,768	*
Segen Akababi Hizboch	*	*	*	*	*	-
Alaba Special	18,326	10,238	*	*	*	6,723
Dawro	*	*	*	*	*	*
Basketo Special	7,088	*	*	1,285	*	*
Konta Liyu	*	*	*	-	*	*
Silite	*	9,867	*	*	*	*
Gambela region	-	-	-	-	-	-
Agnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Harari	-	-	-	-	-	-
DirDawaAstedader	3,685	-	*	*	*	*
Dire Dawa	3,685	-	*	*	*	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	5,738,455	576,896	391,602	2,595,809	1,427,802	1,185,413
Tigray	1,401,961	115,453	88,834	297,586	741,415	369,417
Semen Mirab	645,835	*	*	*	321,140	*
Mehakelawi	441,487	*	*	*	245,317	143,491
Misrakawi	53,327	*	*	*	36,457	14,767
Debubawi	32,088	*	*	*	16,322	*
Mirabawi	169,946	*	*	70,993	79,007	*
Debub Misrak	59,278	*	*	*	43,173	*
Afar	453,578	*	*	277,569	92,314	*
Zone_1 (Awsiresu)	*	-	-	*	-	*
Zone_2 (Kelbetiresu)	338,154	*	*	255,901	61,799	-
Zone_3 (Gebiresu)	*	-	*	*	-	*
Zone_4 (Fentiresu)	34,579	-	-	-	*	*
Zone_5 (Hariresu)	*	*	*	*	-	-
Amhara	978,658	286,177	181,363	151,363	166,180	270,654
Semen Gonder	49,643	*	*	*	*	*
Debub Gonder	74,384	56,953	*	-	*	15,534
Semen Wello	116,509	*	*	*	*	*
Debub Wello	227,992	*	*	57,162	80,641	42,247
Semen Shewa	178,605	*	*	35,620	*	84,784
Misrak Gojjam	*	*	*	*	-	*
Mirab Gojjam	*	*	*	*	*	*
Waghimra	135,809	43,352	*	*	*	21,307
Awi	*	*	*	*	-	*
Oromiya Liyu Zone	*	-	*	-	*	*
Maekelawi Gonder	*	*	*	*	-	*
Mirab Gonder	18,008	*	*	*	*	7,682
Oromia	1,165,085	103,898	68,974	467,508	371,018	306,904
Mirab Wollega	*	*	*	*	*	*
Misrak Wollega	27,550	*	*	*	*	*
Ilu Ababor	11,109	*	-	-	*	*
Jimma	*	*	*	*	*	-
Mirab Shewa	27,937	-	*	*	-	*
Semen Shewa	48,615	*	*	-	*	*
Misrak Shewa	*	-	-	*	*	*
Arsi	*	*	*	*	*	-
Mirab Hararghe	266,409	*	*	*	151,947	*
Mierak Hararge	158,958	*	*	*	*	83,021
Bale	145,614	*	*	*	*	*
Borena	221,541	*	*	204,961	*	*
Debub Mirab Shewa	26,256	*	-	*	*	11,564
Guji	*	*	-	-	-	*
Mirab Guji	*	-	-	*	-	-
Oromiya Liyu Zone	*	-	-	-	-	*
Mirab Arsi	*	*	-	*	*	*
Kelem Wollega	10,887	*	-	*	-	*
Horo Guduru Wollega	*	*	*	-	*	-
Buno Bedele	2,570	*	-	-	*	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Somale	917,724	-	2,977	868,636	*	47,482
Siti	4,788	-	*	*	-	3,470
Fafan	-	-	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	-
Korahe	-	-	-	-	-	-
Shebele	2,548	-	-	-	-	2,548
Dollo	27,476	-	2,526	8,505	-	18,971
Afder	553,378	-	-	549,514	*	*
Liben	*	-	-	*	-	*
Nogob	-	-	-	-	-	-
Dawa	48,331	-	*	*	-	*
Benshangul-Gumuz	200,735	*	*	117,072	*	13,711
Metekel	108,710	*	*	58,728	*	*
Asosa	57,911	*	-	*	*	*
Kemeshi	30,140	*	*	*	-	*
Mao Komo	3,974	-	*	635	*	*
SNNP	597,073	57,865	36,338	405,612	45,389	*
Gurage	*	-	*	*	-	*
Hadiya	12,409	*	*	*	-	*
Kembata Tembaro	5,175	*	-	*	*	-
Sidama	*	*	-	*	*	*
Gedeo	*	-	-	-	-	*
Welayta	*	*	-	*	-	-
Debub Omo	248,770	*	*	234,685	-	*
Sheka	972	*	-	*	*	-
Kefa	*	*	*	*	*	-
Gamo Gofa	65,177	*	*	38,274	*	*
Bench Maji	15,530	*	*	*	*	*
Yem Liyu	4,796	*	883	*	3,718	*
Segen Akababi Hizboch	*	*	*	*	-	*
Alaba Special	19,721	12,957	*	*	*	5,886
Dawro	763	*	-	*	*	*
Basketo Special	*	-	-	*	*	*
Konta Liyu	1,597	*	*	-	*	*
Silite	15,857	*	*	*	*	*
Gambela region	*	-	*	*	-	*
Agnuwak	*	-	*	-	-	-
Nuware	*	-	-	-	-	*
Mezhenger	*	-	-	*	-	-
Itang Special	-	-	-	-	-	-
Harari	3,724	*	*	*	*	1,479
Harari	3,724	*	*	*	*	1,479
Dir Dawa Astedader	18,263	-	*	*	*	*
Dire Dawa	18,263	-	*	*	*	*

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	80,023	3,822	*	19,823	*	43,260
Tigray	7,114	2,517	*	-	*	*
Semen Mirab	*	*	-	-	-	*
Mehakelawi	*	*	*	-	-	-
Misrakawi	-	-	-	-	-	-
Debubawi	-	-	-	-	-	-
Mirabawi	*	*	-	-	*	*
Debub Misrak	-	-	-	-	-	-
Afar	*	-	*	-	-	*
Zone_1 (Awsiresu)	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	*	-	*	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-
Zone_4 (Fentiresu)	*	-	-	-	-	*
Zone_5 (Hariresu)	-	-	-	-	-	-
Amhara	*	-	-	*	-	*
Semen Gonder	-	-	-	-	-	-
Debub Gonder	-	-	-	-	-	-
Semen Wello	*	-	-	-	-	-
Debub Wello	*	-	-	-	*	-
Semen Shewa	*	-	-	-	*	-
Misrak Gojjam	-	-	-	-	-	-
Mirab Gojjam	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-
Awi	-	-	-	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-
Maekelawi Gonder	*	-	-	-	-	*
Mirab Gonder	-	-	-	-	-	-
Oromia	44,652	*	*	16,033	*	*
Mirab Wollega	-	-	-	-	-	-
Misrak Wollega	-	-	-	-	-	-
Ilu Ababor	-	-	-	-	-	-
Jimma	*	-	-	-	-	*
Mirab Shewa	-	-	-	-	-	-
Semen Shewa	-	-	-	-	-	-
Misrak Shewa	*	-	*	-	-	-
Arsi	-	-	-	-	-	-
Mirab Hararghe	*	*	*	*	*	*
Mierak Hararge	-	-	-	-	-	-
Bale	*	-	-	-	*	*
Borena	17,342	-	*	*	*	*
Debub Mirab Shewa	-	-	-	-	-	-
Guji	*	-	-	-	-	*
Mirab Guji	-	-	-	-	-	-
Oromiya Liyu Zone	-	-	-	-	-	-
Mirab Arsi	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
Somale	*	-	-	*	-	*
Siti	-	-	-	-	-	-
Fafan	-	-	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	-
Korahe	-	-	-	-	-	-
Shebele	150	-	-	-	-	150
Dollo	1,221	-	-	-	-	1,221
Afder	*	-	-	-	-	*
Liben	*	-	-	-	-	*
Nogob	-	-	-	-	-	-
Dawa	*	-	-	*	-	*
Benshangul-Gumuz	-	-	-	-	-	-
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-
SNNP	-	-	-	-	-	-
Gurage	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-
Sidama	-	-	-	-	-	-
Gedeo	-	-	-	-	-	-
Welayta	-	-	-	-	-	-
Debub Omo	-	-	-	-	-	-
Sheka	-	-	-	-	-	-
Kefa	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-
Yem Liyu	-	-	-	-	-	-
Segen Akababi Hizboch	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-
Dawro	-	-	-	-	-	-
Basketo Special	-	-	-	-	-	-
Konta Liyu	-	-	-	-	-	-
Silite	-	-	-	-	-	-
Gambela region	-	-	-	-	-	-
Agnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Harari	-	-	-	-	-	-
DirDawaAstedader	*	-	-	*	-	*
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	7,640,369	6,862,501	8,908,838	1,160,285	536,531	22,875,769
Tigray	228,723	179,526	622,027	36,092	*	2,284,827
Semen Mirab	96,546	16,749	280,532	11,690	*	1,217,702
Mehakelawi	33,724	61,785	66,220	6,335	*	303,268
Misrakawi	11,818	49,525	48,269	4,508	-	248,442
Debubawi	11,146	17,361	13,218	3,219	*	73,781
Mirabawi	55,754	8,469	153,340	4,485	*	336,464
Debub Misrak	19,736	25,636	60,449	5,855	*	105,170
Afar	340,041	1,129,207	2,177,870	13,950	53,634	*
Zone_1 (Awsiresu)	154,594	539,840	901,682	*	*	*
Zone_2 (Kelbetiresu)	*	105,088	470,547	6,708	*	-
Zone_3 (Gebiresu)	116,734	334,520	469,452	*	*	*
Zone_4 (Fentiresu)	9,822	58,645	119,890	*	*	-
Zone_5 (Hariresu)	41,615	91,114	216,299	*	4,115	*
Amhara	1,588,383	1,942,899	1,433,768	382,160	9,019	9,769,043
Semen Gonder	77,987	151,214	147,538	28,292	-	707,545
Debub Gonder	183,904	180,748	94,124	30,658	-	657,105
Semen Wello	86,329	213,679	119,053	30,978	*	417,787
Debub Wello	108,436	194,393	241,252	24,054	*	436,746
Semen Shewa	123,915	319,989	252,249	31,057	-	790,936
Misrak Gojjam	179,556	261,762	27,817	82,227	-	513,178
Mirab Gojjam	248,485	247,429	84,495	53,515	-	2,468,404
Waghimra	38,973	43,603	106,677	9,255	-	93,401
Awi	249,880	120,745	*	30,934	*	915,277
Oromiya Liyu Zone	15,028	*	*	1,949	*	84,758
Maekelawi Gonder	245,084	185,133	209,607	53,822	-	2,544,083
Mirab Gonder	30,807	7,254	46,943	5,419	-	139,824
Oromia	3,465,849	1,750,082	1,157,081	520,727	17,196	7,069,580
Mirab Wollega	376,738	147,291	*	45,837	-	462,636
Misrak Wollega	350,550	63,847	65,032	30,534	-	274,277
Ilu Ababor	230,651	106,263	42,865	30,345	-	288,030
Jimma	340,549	156,860	90,974	41,069	-	730,871
Mirab Shewa	285,641	203,917	51,480	81,556	-	965,306
Semen Shewa	134,522	237,628	50,539	30,511	-	599,679
Misrak Shewa	54,744	42,162	45,340	9,687	-	305,223
Arsi	182,229	97,705	127,107	39,077	-	698,239
Mirab Hararghe	74,545	13,025	113,817	14,728	*	252,831
Mierak Hararge	107,977	40,420	101,503	19,787	*	365,297
Bale	144,457	50,659	131,785	10,443	*	117,030
Borena	67,205	37,440	53,597	*	*	30,141
Debub Mirab Shewa	102,285	47,483	39,192	22,411	-	215,970
Guji	111,972	*	*	*	-	112,954
Mirab Guji	32,711	10,670	*	6,854	-	59,237
Oromiya Liyu Zone	84,523	133,703	*	20,730	-	318,305
Mirab Arsi	131,533	122,861	22,817	35,238	-	346,983
Kelem Wollega	401,320	144,116	64,054	29,667	-	630,033
Horo Guduru Wollega	181,208	50,966	22,723	37,472	*	251,704
Buno Bedele	70,491	16,120	24,623	4,135	-	44,835

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
Somalie	489,602	1,239,611	2,657,725	60,218	439,488	55,112
Siti	6,860	5,791	64,400	*	*	*
Fafan	13,531	44,968	18,744	*	7,107	*
Jerer	-	31,862	37,329	-	1,577	-
Erer	13,469	18,606	16,679	1,102	7,769	-
Korahe	1,564	8,581	8,707	736	1,742	81
Shebele	14,830	47,106	95,163	670	1,341	-
Dollo	-	37,194	54,964	-	7,191	-
Afder	157,691	415,069	817,401	30,095	93,750	*
Liben	254,068	577,933	1,421,450	25,329	287,166	46,083
Nogob	456	254	-	-	-	-
Dawa	27,132	52,248	122,888	1,208	*	2,476
Benishangul Gumuz	220,872	18,367	186,318	18,109	*	633,143
Assosa	40,710	6,025	113,248	8,704	*	294,891
Metekel	146,485	7,630	31,830	5,773	*	215,707
Kemashi	28,807	*	36,076	3,129	-	83,513
Mao Ena Komo	4,871	3,845	5,164	503	-	39,031
SNNP	1,258,695	593,950	618,771	127,411	*	2,880,519
Gurage	51,312	16,691	8,591	9,591	-	65,950
Hadiya	74,977	31,389	19,851	17,945	*	240,844
Kembata Tembaro	36,531	6,239	6,960	3,605	-	81,540
Sidama	58,562	37,093	17,688	*	-	299,194
Gedeo	6,797	11,395	*	2,343	-	20,173
Welayta	72,108	18,623	13,933	3,858	-	127,694
Debub Omo	219,642	105,898	267,095	5,072	-	265,765
Sheka	15,138	11,796	3,034	3,267	-	54,069
Kefa	128,145	116,476	27,928	25,885	-	503,967
Gamo Gofa	327,894	93,976	*	30,696	*	504,721
Bench Maji	48,074	46,078	23,992	*	-	283,150
Yem Liyu	5,796	2,098	*	312	-	15,263
Segen Akababi Hizboch	60,225	36,634	47,198	2,895	-	166,246
Alaba Special	19,921	10,156	7,913	4,402	*	64,960
Dawro	65,718	9,933	5,066	2,045	-	42,036
Basketo Special	13,352	4,335	6,005	*	-	26,083
Konta Liyu	22,853	2,725	3,415	*	-	18,739
Silite	31,650	32,415	11,087	7,980	-	100,125
Gambela	36,932	2,175	14,218	*	-	77,718
Angewak	*	-	479	*	-	9,072
Newer	33,341	*	11,506	-	-	23,986
Mejenger	1,205	*	*	*	-	35,006
Itang Special	1,833	*	1,373	-	-	9,653
Hareri	6,178	*	9,327	*	-	34,458
Harari	6,178	*	9,327	*	-	34,458
Dire Dawa Astedadar	5,094	6,231	31,732	1,154	693	61,958
Dire Dawa	5,094	6,231	31,732	1,154	693	61,958

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	4,780,950	2,685,010	2,323,149	652,859	120,369	4,193,495
Tigray	92,590	69,886	191,479	10,245	*	328,065
Semen Mirab	28,007	*	46,397	*	*	131,760
Mehakelawi	18,870	*	36,138	*	*	72,527
Misrakawi	3,913	*	*	*	-	*
Debubawi	4,790	6,211	*	769	-	*
Mirabawi	22,899	*	58,444	*	*	39,956
Debub Misrak	14,111	13,790	26,417	2,701	*	16,869
Afar	*	7,785	26,927	*	*	-
Zone_1 (Awsiresu)	*	*	*	-	-	-
Zone_2 (Kelbetiresu)	*	*	19,435	*	*	-
Zone_3 (Gebiresu)	-	*	*	*	-	-
Zone_4 (Fentiresu)	*	*	*	-	*	-
Zone_5 (Hariresu)	*	-	*	-	-	-
Amhara	1,063,119	1,198,659	435,519	225,725	5,071	1,843,902
Semen Gonder	33,882	42,486	14,493	8,779	-	*
Debub Gonder	132,413	101,812	17,871	16,624	-	76,432
Semen Wello	54,819	123,919	44,400	17,505	*	33,697
Debub Wello	74,624	123,357	72,458	11,485	*	30,522
Semen Shewa	87,993	216,507	99,274	17,729	-	248,701
Misrak Gojjam	145,760	190,631	*	58,085	-	231,536
Mirab Gojjam	199,347	189,638	*	38,130	-	463,045
Waghimra	25,898	11,800	41,377	2,991	-	8,117
Awi	145,441	95,389	*	20,471	*	209,968
Oromiya Liyu Zone	3,646	*	*	-	*	*
Maekelawi Gonder	144,288	90,494	76,847	31,327	-	510,757
Mirab Gonder	15,009	*	9,173	2,598	-	13,412
Oromia	2,474,655	940,163	562,900	317,133	8,752	1,281,419
Mirab Wollega	328,198	114,025	*	36,453	-	69,444
Misrak Wollega	264,124	41,530	39,345	25,095	-	42,890
Ilu Ababor	169,553	52,757	18,462	19,631	-	50,042
Jimma	183,503	28,815	15,923	20,051	-	54,015
Mirab Shewa	184,373	103,282	27,082	49,769	-	253,179
Semen Shewa	77,859	115,664	*	13,205	-	94,507
Misrak Shewa	39,721	25,259	*	4,085	-	*
Arsi	117,503	40,643	*	21,432	-	*
Mirab Hararghe	42,398	*	*	3,084	*	*
Mierak Hararge	68,461	21,635	59,156	12,799	*	9,388
Bale	60,192	*	19,497	3,719	*	*
Borena	40,582	24,520	36,678	*	*	*
Debub Mirab Shewa	75,602	29,535	24,078	16,827	-	58,220
Guji	*	*	*	*	-	*
Mirab Guji	17,471	3,641	*	*	-	*
Oromiya Liyu Zone	45,741	69,342	*	8,521	-	77,803
Mirab Arsi	98,446	71,603	8,727	28,577	-	*
Kelem Wollega	385,595	124,525	58,684	22,717	-	199,775
Horo Guduru Wollega	148,378	38,496	12,532	24,722	-	*
Buno Bedele	47,876	6,387	11,284	2,678	-	3,511

TABLE 3-25 CONT'D

	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	125,093	271,271	750,469	17,630	100,235	*
Siti	-	-	*	-	-	-
Fafan	*	*	*	*	-	-
Jerer	1,574	169	413	-	-	-
Erer	-	858	-	-	-	-
Korahe	222	-	555	-	-	-
Shebele	-	1,414	9,114	-	322	-
Dollo	30,326	79,052	208,121	3,548	*	-
Afder	79,083	164,601	474,298	13,380	63,028	*
Liben	254	-	-	-	-	-
Nogob	13,354	23,914	57,188	629	*	399
Dawa	125,093	271,271	750,469	17,630	100,235	*
Benshangul-Gumuz	194,479	14,007	106,384	11,266	-	120,751
Metekel	38,025	5,018	71,405	5,584	-	64,204
Asosa	128,515	5,962	13,671	2,927	-	37,586
Kemeshi	23,343	*	18,199	2,311	-	*
Mao Komo	4,596	2,879	3,110	443	-	4,324
SNNP	814,582	182,241	239,007	70,384	*	606,775
Gurage	41,932	8,644	*	2,533	-	13,613
Hadiya	54,365	11,640	8,542	14,655	-	*
Kembata Tembaro	22,869	*	2,354	2,406	-	*
Sidama	28,544	*	*	*	-	*
Gedeo	3,798	2,012	-	*	-	*
Welayta	48,893	9,281	*	2,603	-	*
Debub Omo	70,967	14,257	60,545	2,590	-	40,750
Sheka	9,842	5,444	*	1,590	-	9,497
Kefa	64,285	32,525	*	13,183	-	*
Gamo Gofa	*	39,402	*	16,778	*	147,228
Bench Maji	31,441	13,445	4,873	782	-	20,120
Yem Liyu	4,504	1,033	1,224	*	-	1,329
Segen Akababi Hizboch	38,820	13,683	21,481	1,470	-	22,243
Alaba Special	13,654	4,438	4,614	2,393	*	11,787
Dawro	54,335	*	2,685	*	-	*
Basketo Special	11,344	*	*	*	-	*
Konta Liyu	18,003	*	*	*	-	5,842
Silite	16,687	9,899	*	4,534	-	*
Gambela region	*	*	*	*	-	1,172
Agnuwak	*	-	*	*	-	*
Nuware	*	-	*	-	-	*
Mezhenger	941	*	*	-	-	*
Itang Special	-	-	-	-	-	*
Harari	2,504	*	*	*	-	-
Harari	2,504	*	*	*	-	-
Dir Dawa Astedader	2,630	859	8,332	*	-	1,931
Dire Dawa	2,630	859	8,332	*	-	1,931

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

Geographic Area	Cattle	Sheep	Goats	horse	Donkeys	Mule	Camel	Poultry
Ethiopia	2,252,269	3,995,636	5,418,391	111,517	321,045	22,883	173,321	18,606,521
Tigray	65,036	107,719	407,873	-	19,272	*	-	1,734,255
Semen Mirab	26,045	9,481	196,050	-	8,449	-	-	922,241
Mehakelawi	8,322	33,736	31,484	-	2,740	-	-	204,053
Misrakawi	7,235	37,768	42,511	-	2,351	-	-	182,600
Debubawi	4,796	9,007	4,473	-	1,452	*	-	64,433
Mirabawi	15,443	*	96,889	-	2,079	-	-	276,108
Debub Misrak	3,196	11,766	36,465	-	2,200	-	-	84,820
Afar	223,692	848,512	1,589,317	-	8,861	*	25,367	*
Zone_1 (Awsiresu)	99,275	414,054	657,083	-	*	-	16,026	-
Zone_2 (Kelbetiresu)	9,132	87,034	366,272	-	5,441	*	3,373	-
Zone_3 (Gebiresu)	81,805	226,335	324,774	-	*	-	3,630	*
Zone_4 (Fentiresu)	7,513	52,256	101,087	-	*	-	*	-
Zone_5 (Hariresu)	25,967	68,833	140,102	-	*	-	2,284	*
Amhara	306,186	1,035,321	916,805	17,776	115,393	10,267	*	8,242,225
Semen Gonder	23,304	102,869	104,022	*	10,329	-	-	578,438
Debub Gonder	17,366	67,850	58,454	-	9,247	-	-	542,904
Semen Wello	15,635	113,193	64,853	*	8,319	1,537	-	378,276
Debub Wello	21,488	113,851	149,793	*	7,675	*	-	384,966
Semen Shewa	21,911	156,818	162,045	2,406	9,468	*	-	688,415
Misrak Gojjam	29,584	130,553	18,953	3,915	27,400	*	-	443,052
Mirab Gojjam	42,656	116,766	73,958	-	15,736	5,107	-	2,138,709
Waghimra	6,826	33,632	65,388	-	5,533	-	-	76,046
Awj	*	54,230	*	5,396	2,190	1,357	-	787,894
Oromiya Liyu Zone	8,977	*	*	-	1,532	-	*	89,658
Maekelawi Gonder	45,030	126,020	108,340	*	16,194	-	-	2,026,392
Mirab Gonder	9,770	6,702	31,740	-	1,769	-	-	107,476
Oromia	828,294	982,815	688,288	62,668	124,852	9,519	5,871	5,558,940
Mirab Wollega	49,980	37,895	*	-	12,832	-	-	392,592
Misrak Wollega	57,117	25,811	36,061	-	6,121	*	-	218,010
Ilu Ababor	69,684	61,526	23,718	12,021	*	-	-	193,109
Jimma	72,546	108,383	67,142	3,853	10,439	*	-	558,071
Mirab Shewa	47,606	119,343	25,843	16,880	13,524	*	-	752,431
Semen Shewa	39,680	180,597	45,527	5,151	9,556	*	-	527,014
Misrak Shewa	17,194	32,340	*	*	4,106	*	-	228,632
Arsi	67,947	55,201	*	*	8,839	-	-	533,517
Mirab Hararghe	35,085	*	94,942	-	9,244	-	*	184,191
Mierak Hararge	40,167	24,074	*	-	11,547	-	*	311,234
Bale	64,888	32,010	95,861	*	3,330	-	*	80,853
Borena	24,338	12,007	17,504	-	*	-	*	21,193
Debub Mirab Shewa	32,895	33,367	21,472	4,720	2,911	-	-	207,935
Guji	*	*	*	*	-	-	-	83,659
Mirab Guji	*	*	*	*	-	*	-	53,175
Oromiya Liyu Zone	27,789	91,851	*	1,222	6,467	*	-	260,947
Mirab Arsi	45,521	82,390	*	5,439	2,960	-	-	184,358
Kelem Wollega	44,638	19,332	*	-	*	*	-	525,051
Horo Guduru Wollega	40,384	21,309	11,661	*	15,616	*	-	209,843
Buno Bedele	11,967	7,573	15,667	*	*	-	-	33,125

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	horses	Donkeys	Mules	Camels	Poultry
Somale	271,113	619,104	1,336,896	-	13,528	-	141,695	46,833
Siti	*	5,261	57,501	-	*	-	*	*
Fafan	2,906	10,452	4,027	-	*	-	*	*
Jerer	-	8,313	6,928	-	-	-	*	-
Erer	3,427	2,021	2,960	-	-	-	2,142	-
Korahe	-	153	500	-	-	-	-	-
Shebele	3,973	11,843	39,494	-	-	-	-	-
Dollo	-	22,469	38,963	-	-	-	5,672	-
Afder	104,192	229,578	403,385	-	*	-	24,362	*
Liben	136,627	300,235	717,043	-	6,904	-	98,683	41,431
Nogob	152	-	-	-	-	-	-	-
Dawa	14,108	28,779	66,094	-	515	-	9,628	*
Benshangul-Gumuz	44,083	9,811	123,375	*	8,868	*	-	535,765
Metekel	6,712	*	73,544	-	5,086	-	-	247,066
Asosa	22,926	*	21,724	*	*	*	-	186,579
Kemeshi	12,953	*	24,054	-	2,158	-	-	68,646
Mao Komo	1,492	2,154	4,054	-	316	-	-	33,472
SNNP	480,459	386,711	314,784	30,787	29,058	*	-	2,330,146
Gurage	17,879	11,337	*	*	*	-	-	55,562
Hadiya	28,543	*	12,840	*	5,717	*	-	199,438
Kembata Tembaro	16,411	*	5,529	-	939	-	-	68,441
Sidama	26,532	*	*	-	*	-	-	262,065
Gedeo	3,655	7,137	*	*	*	-	-	12,817
Welayta	39,129	12,048	*	*	*	*	-	90,702
Debub Omo	*	60,290	125,547	*	*	-	-	234,690
Sheka	5,245	7,335	2,453	1,888	*	-	-	51,935
Kefa	57,338	82,061	20,297	17,099	-	-	-	346,811
Gamo Gofa	97,867	65,051	53,035	*	10,169	*	-	434,503
Bench Maji	25,013	34,915	19,150	*	-	*	-	243,274
Yem Liyu	2,621	1,042	*	*	*	-	-	11,222
Segen Akababi Hizboch	20,710	15,339	24,350	-	*	-	-	121,993
Alaba Special	9,938	6,831	5,431	*	1,011	-	-	58,953
Dawro	18,586	5,048	3,089	*	*	-	-	35,938
Basketo Special	3,006	1,416	*	*	*	-	-	21,414
Konta Liyu	7,065	1,288	*	*	*	*	-	13,845
Silite	11,205	23,609	*	*	*	*	-	66,543
Gambela region	28,264	1,295	12,582	*	*	-	-	68,838
Agnuwak	*	-	417	-	*	-	-	7,811
Nuware	26,594	*	10,602	-	-	-	-	20,155
Mezhenger	*	*	*	*	-	-	-	32,544
Itang Special	1,304	*	1,105	-	-	-	-	8,329
Harari	2,796	*	5,386	-	*	-	-	28,970
Harari	2,796	*	5,386	-	*	-	-	28,970
Dir Dawa Astedader	2,344	3,894	23,084	-	996	-	*	54,369
Dire Dawa	2,344	3,894	23,084	-	996	-	*	54,369

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	857,041	1,529,140	2,107,900	53,311	183,448	*	43,045	16,100,162
Tigray	46,043	92,980	240,645	-	16,986	-	1,852	1,905,074
Semen Mirab	16,709	*	132,045	-	*	-	-	1,109,035
Mehakelawi	2,999	20,263	39,888	-	*	-	*	252,698
Misrakawi	*	28,416	*	-	1,614	-	-	116,069
Debubawi	4,123	12,102	11,848	-	802	-	*	77,708
Mirabawi	9,365	*	34,176	-	978	-	-	207,670
Debub Misrak	6,976	12,667	11,861	-	4,953	-	*	141,895
Afar	83,590	497,782	768,410	*	8,401	*	13,048	*
Zone_1 (Awsiresu)	38,647	333,432	422,545	*	*	-	5,999	-
Zone_2 (Kelbetiresu)	*	26,082	134,510	-	1,385	*	4,369	*
Zone_3 (Gebiresu)	23,403	63,732	84,401	-	*	-	1,695	*
Zone_4 (Fentiresu)	2,039	28,680	56,477	-	*	-	411	-
Zone_5 (Hariresu)	16,822	45,856	70,478	-	*	-	*	*
Amhara	177,342	290,036	341,405	8,008	77,033	*	*	5,956,201
Semen Gonder	14,832	29,175	58,422	*	4,162	-	*	571,880
Debub Gonder	17,471	33,956	39,701	*	7,993	*	*	632,993
Semen Wello	15,070	32,633	32,968	-	2,743	*	-	266,870
Debub Wello	13,453	25,934	50,502	-	*	-	-	472,448
Semen Shewa	12,315	53,771	44,006	*	16,823	-	-	482,822
Misrak Gojjam	20,473	19,360	20,682	*	12,717	*	-	284,995
Mirab Gojjam	14,798	25,713	*	-	5,532	-	-	1,444,992
Waghimra	11,655	15,295	27,789	-	2,905	-	-	183,008
Awj	19,391	*	*	1,440	2,403	-	-	321,085
Oromiya Liyu Zone	*	*	4,274	-	1,673	-	*	36,037
Maekelawi Gonder	31,441	43,318	25,586	-	13,115	-	-	1,219,047
Mirab Gonder	3,744	*	9,721	-	*	-	-	40,025
Oromia	346,669	341,097	269,790	33,894	57,251	*	*	5,177,602
Mirab Wollega	8,625	19,088	1,910	-	3,445	-	-	532,543
Misrak Wollega	4,852	7,786	7,794	-	2,560	-	-	303,265
Ilu Ababor	6,700	11,068	*	*	*	-	-	282,550
Jimma	22,369	27,838	14,684	*	*	*	-	626,014
Mirab Shewa	26,371	36,200	29,129	9,571	7,006	-	-	399,295
Semen Shewa	16,415	12,218	*	*	3,476	*	-	114,821
Misrak Shewa	9,071	11,084	17,691	-	2,142	*	-	140,398
Arsi	43,508	28,660	*	*	4,447	-	-	199,961
Mirab Hararghe	8,329	*	23,721	-	6,429	-	-	537,331
Mierak Hararge	19,438	16,731	15,973	-	4,668	-	-	796,846
Bale	27,074	14,477	42,545	*	*	*	*	192,316
Borena	*	*	*	-	*	-	*	10,865
Debub Mirab Shewa	23,773	10,080	17,297	*	3,257	-	-	108,923
Guji	*	*	*	*	-	-	-	82,759
Mirab Guji	*	*	*	-	*	-	-	80,376
Oromiya Liyu Zone	17,246	8,724	3,534	-	3,417	-	-	80,826
Mirab Arsi	*	*	*	*	*	-	-	193,202
Kelem Wollega	8,731	*	*	-	*	-	-	297,944
Horo Guduru Wollega	7,427	*	7,357	*	*	*	-	131,006
Buno Bedele	3,628	2,065	2,178	*	*	-	-	66,359

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	57,342	180,594	374,165	444	5,157	1,070	10,794	66,037
Siti	*	*	30,567	-	*	-	*	*
Fafan	*	7,061	3,893	-	*	-	647	*
Jerer	*	1,167	2,049	-	*	-	*	-
Erer	596	899	285	-	-	-	-	-
Korahe	-	148	423	-	-	-	201	-
Shebele	27,630	67,961	137,209	444	2,844	1,070	1,212	-
Dollo	256	16,926	25,654	-	504	-	1,792	-
Afder	*	44,624	77,034	-	*	-	*	25,731
Liben	8,862	*	83,954	-	*	-	*	*
Nogob	101	406	304	-	51	-	51	-
Dawa	6,731	6,375	12,792	-	*	-	*	*
Benshangul-Gumuz	20,955	2,070	14,883	*	*	-	*	189,422
Metekel	1,390	*	4,050	-	*	-	*	91,369
Asosa	14,001	*	4,411	*	-	-	-	54,508
Kemeshi	*	*	5,712	-	-	-	-	37,226
Mao Komo	*	395	*	*	*	-	-	6,319
SNNP	116,365	113,404	71,466	5,287	*	*	*	2,603,483
Gurage	13,331	*	*	-	-	-	-	78,519
Hadiya	15,049	*	4,230	*	*	-	-	363,388
Kembata Tembaro	5,977	*	*	-	*	-	-	94,175
Sidama	*	*	*	-	*	-	*	374,741
Gedeo	*	*	*	-	-	-	-	26,865
Welayta	9,020	2,739	*	-	*	-	-	132,607
Debub Omo	6,823	*	9,197	*	-	-	-	53,875
Sheka	946	3,060	*	*	*	-	-	60,501
Kefa	*	*	*	1,322	-	-	-	675,301
Gamo Gofa	15,791	9,719	6,737	*	*	-	-	260,292
Bench Maji	1,391	6,390	3,382	*	*	-	-	158,852
Yem Liyu	350	*	315	-	-	-	-	8,716
Segen Akababi Hizboch	1,866	1,526	6,857	-	*	-	-	74,253
Alaba Special	4,158	2,535	3,565	*	*	-	-	45,912
Dawro	1,890	*	*	-	-	-	-	35,163
Basketo Special	466	*	*	-	*	*	-	9,600
Konta Liyu	*	*	1,048	*	-	-	-	24,365
Silite	5,124	7,848	3,643	*	*	-	-	126,357
Gambela region	6,920	219	2,167	-	-	-	-	65,951
Agnuwak	*	-	-	-	-	-	-	15,398
Nuware	*	*	1,599	-	-	-	-	23,928
Mezhenger	*	*	*	-	-	-	-	18,693
Itang Special	460	-	418	-	-	-	-	7,933
Harari	728	*	3,838	-	456	-	-	48,735
Harari	728	*	3,838	-	456	-	-	48,735
DirDawaAstedader	1,086	10,186	21,131	-	610	-	*	67,177
Dire Dawa	1,086	10,186	21,131	-	610	-	*	67,177

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

Geographic Area	All holding	Holding with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19	20-49
Ethiopia	18,452,999	4,313,898	4,817,176	4,499,849	3,720,606	880,488	197,725
Tigray	1,480,125	378,561	322,217	393,112	307,809	67,085	11,127
Semen Mirab	503,697	129,274	92,158	101,591	140,843	34,575	5,256
Mehakelawi	301,914	75,516	78,399	105,393	42,606	-	-
Misrakawi	201,123	57,871	53,067	61,326	27,542	1,317	-
Debubawi	135,309	35,475	32,063	36,537	27,958	3,276	-
Mirabawi	139,224	31,754	15,577	25,266	34,757	26,044	5,612
Debub Misrak	198,858	48,669	50,954	62,999	34,104	1,873	259
Afar	370,367	202,608	22,510	25,007	51,592	35,172	31,603
Zone_1 (Awsiresu)	191,442	103,201	13,049	13,029	29,968	16,984	14,386
Zone_2 (Kelbetiresu)	79,706	68,456	4,357	3,058	2,293	888	654
Zone_3 (Gebiresu)	52,092	12,252	1,989	3,968	11,561	11,289	10,251
Zone_4 (Fentiresu)	20,319	12,416	1,707	1,787	2,119	1,379	797
Zone_5 (Hariresu)	26,808	6,282	1,408	3,165	5,651	4,632	5,516
Amhara	4,970,236	973,605	1,354,050	1,375,980	1,068,334	173,656	23,890
Semen Gonder	280,564	58,762	103,964	67,989	41,082	7,966	801
Debub Gonder	561,577	78,018	155,650	182,854	135,296	9,759	-
Semen Wello	359,927	62,052	131,137	116,463	48,569	1,706	-
Debub Wello	755,959	162,369	244,218	253,265	90,000	6,107	-
Semen Shewa	570,119	118,374	165,898	171,836	111,838	2,173	-
Misrak Gojjam	617,526	123,961	171,277	137,835	152,749	28,945	2,759
Mirab Gojjam	691,537	142,656	144,805	169,173	196,502	38,401	-
Waghimra	142,817	29,872	46,555	35,932	26,214	4,067	177
Awi	252,143	53,074	41,862	51,032	78,451	23,961	3,763
Oromiya Liyu Zone	118,061	41,767	28,595	25,810	18,075	2,731	975
Maekelawi Gonder	576,803	90,507	116,518	158,319	161,488	38,820	11,151
Mirab Gonder	43,203	12,191	3,571	5,474	8,071	9,022	4,262
Oromia	6,727,873	1,453,436	1,695,665	1,527,764	1,548,982	443,333	54,354
Mirab Wollega	289,233	88,275	63,326	48,620	55,886	27,283	5,843
Misrak Wollega	227,841	57,721	44,476	40,758	50,883	30,077	3,926
Ilu Ababor	269,980	76,154	56,171	53,816	67,602	16,237	-
Jimma	677,412	112,460	175,681	198,520	156,785	32,431	1,535
Mirab Shewa	535,846	124,183	105,187	111,293	139,598	51,689	3,896
Semen Shewa	330,012	50,128	81,620	80,872	98,488	18,358	546
Misrak Shewa	269,962	54,959	64,077	66,238	63,547	17,654	3,109
Arsi	735,855	120,198	173,758	172,203	225,908	42,609	1,179
Mirab Hararghe	412,404	76,635	161,478	113,876	52,771	6,676	968
Mierak Hararge	560,298	125,274	257,361	136,044	37,169	4,450	-
Bale	333,389	47,984	53,274	80,048	113,501	32,798	5,784
Borena	63,841	8,031	7,522	7,313	15,064	12,233	10,987
Debub Mirab Shewa	299,070	49,354	81,376	72,901	78,300	15,503	1,636
Guji	355,636	64,385	95,306	88,072	79,453	25,015	2,669
Mirab Guji	258,933	143,345	49,212	36,412	23,057	6,298	609
Oromiya Liyu Zone	202,684	46,455	33,889	39,499	63,024	18,264	1,553
Mirab Arsi	454,511	78,760	103,543	93,776	121,377	50,843	5,676
Kelem Wollega	228,066	79,046	55,873	44,284	44,604	4,259	-
Horo Guduru Wollega	128,130	35,012	16,731	21,455	30,267	20,523	4,142
Buno Bedele	94,770	15,076	15,806	21,764	31,697	10,132	295

TABLE 3- 27-a CONT'D

Geographic Area	All holding	Holding with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19	20-49
Somale	577,319	283,869	42,226	55,803	73,326	62,572	47,955
Siti	26,146	17,088	3,633	2,630	2,119	574	102
Fafan	60,568	17,597	3,622	6,616	14,547	12,999	4,848
Jerer	68,952	58,271	400	1,918	2,232	3,107	1,864
Erer	20,542	2,537	315	942	2,099	4,016	7,376
Korahe	14,353	5,804	192	325	480	1,350	5,186
Shebele	52,132	16,081	3,297	4,735	6,723	9,083	10,673
Dollo	15,655	13,792	277	253	-	131	1,062
Afder	94,703	39,097	9,471	12,314	12,594	13,282	6,420
Liben	205,428	107,125	19,502	24,264	29,929	14,552	8,347
Nogob	1,520	395	42	51	101	299	403
Dawa	17,319	6,079	1,476	1,755	2,502	3,180	1,673
Benshangul-Gumuz	209,442	118,167	22,468	18,269	29,901	15,286	5,351
Metekel	69,460	53,948	5,006	3,717	5,073	1,553	163
Asosa	88,132	23,838	12,703	12,384	20,792	13,375	5,040
Kemeshi	44,524	35,379	3,807	1,546	3,402	242	148
Mao Komo	7,326	5,001	952	623	634	116	-
SNNP	3,967,785	836,908	1,318,344	1,083,693	630,886	75,578	18,519
Gurage	310,979	34,492	93,579	104,456	75,252	3,200	-
Hadiya	309,633	25,286	107,633	112,887	61,295	2,532	-
Kembata Tembaro	158,929	20,817	61,727	58,109	18,276	-	-
Sidama	1,054,431	252,115	428,005	255,897	106,536	10,857	1,021
Gedeo	209,121	152,772	41,639	9,695	4,370	645	-
Welayta	354,114	51,183	137,778	121,188	42,461	987	517
Debub Omo	122,315	38,744	24,238	15,756	21,621	9,056	9,043
Sheka	61,348	22,852	17,218	10,888	7,750	2,429	211
Kefa	233,719	28,320	50,408	65,924	70,019	16,977	2,071
Gamo Gofa	429,012	72,843	133,801	124,917	80,536	13,835	3,080
Bench Maji	119,256	32,251	29,346	26,938	27,403	3,122	196
Yem Liyu	21,351	3,253	3,824	6,904	6,992	378	-
Segen Akababi Hizboch	149,990	44,346	44,552	27,635	26,739	4,753	1,965
Alaba Special	61,302	9,965	20,462	17,485	11,743	1,479	168
Dawro	78,795	6,879	18,036	23,254	26,230	4,149	247
Basketo Special	20,771	5,452	6,977	4,526	3,435	381	-
Konta Liyu	31,529	3,455	7,360	10,371	9,969	374	-
Silite	241,192	31,882	91,763	86,864	30,258	425	-
Gambela region	54,454	26,544	6,009	3,553	5,028	7,711	4,927
Agnuwak	6,630	4,942	641	621	296	130	-
Nuware	21,100	3,038	631	1,082	4,104	7,115	4,526
Mezhenger	22,987	16,066	4,668	1,811	395	47	-
Itang Special	3,736	2,496	69	39	233	419	402
Harari	51,461	22,532	18,943	7,775	2,117	94	-
Harari	51,461	22,532	18,943	7,775	2,117	94	-
Dir Dawa Astedader	43,936	17,671	14,742	8,892	2,631	-	-
Dire Dawa	43,936	17,671	14,742	8,892	2,631	-	-

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

Geographic Area	All Holdings	no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head
Ethiopia	18,452,999	12,139,987	3,747,732	1,627,649	866,905	56,912	10,670
Tigray	1,480,125	1,176,533	114,759	117,810	69,458	1,565	-
Semen Mirab	503,697	456,476	17,128	13,710	15,094	1,289	-
Mehakelawi	301,914	217,385	33,751	33,064	17,714	-	-
Misrakawi	201,123	108,440	32,686	40,787	19,210	-	-
Debubawi	135,309	105,602	13,025	9,751	6,931	-	-
Mirabawi	139,224	123,658	4,770	8,757	2,039	-	-
Debub Misrak	198,858	164,974	13,399	11,741	8,469	275	-
Afar	370,367	117,677	47,215	57,126	139,735	7,019	1,595
Zone_1 (Awsiresu)	191,442	43,977	30,665	39,295	73,267	3,261	977
Zone_2 (Kelbetiresu)	79,706	51,831	9,607	7,432	10,836	-	-
Zone_3 (Gebiresu)	52,092	9,971	3,036	3,641	32,515	2,311	618
Zone_4 (Fentiresu)	20,319	5,660	1,926	3,032	8,800	901	-
Zone_5 (Hariresu)	26,808	6,238	1,981	3,726	14,317	546	-
Amhara	4,970,236	3,067,722	980,128	673,476	247,515	1,004	391
Semen Gonder	280,564	186,497	45,027	36,067	12,973	-	-
Debub Gonder	561,577	316,879	139,731	85,006	19,961	-	-
Semen Wello	359,927	208,903	57,282	59,791	33,951	-	-
Debub Wello	755,959	505,296	110,571	102,111	37,981	-	-
Semen Shewa	570,119	303,643	110,452	94,320	60,309	1,004	391
Misrak Gojjam	617,526	369,787	144,966	82,443	20,330	-	-
Mirab Gojjam	691,537	382,144	186,515	100,564	22,314	-	-
Waghimra	142,817	103,077	22,052	11,238	6,450	-	-
Awi	252,143	143,243	61,413	43,309	4,178	-	-
Oromiya Liyu Zone	118,061	102,685	9,032	4,392	1,952	-	-
Maekelawi Gonder	576,803	405,555	92,029	53,314	25,905	-	-
Mirab Gonder	43,203	40,013	1,059	920	1,211	-	-
Oromia	6,727,873	4,520,935	1,531,393	517,318	156,537	1,570	-
Mirab Wollega	289,233	181,573	82,861	23,781	1,018	-	-
Misrak Wollega	227,841	161,375	45,262	17,076	4,128	-	-
Ilu Ababor	269,980	170,989	84,937	13,358	696	-	-
Jimma	677,412	420,119	215,620	39,587	2,086	-	-
Mirab Shewa	535,846	317,451	122,388	76,579	19,428	-	-
Semen Shewa	330,012	186,847	62,462	49,899	30,804	-	-
Misrak Shewa	269,962	194,835	49,070	17,948	6,910	1,199	-
Arsi	735,855	475,504	151,335	80,830	28,186	-	-
Mirab Hararghe	412,404	359,128	48,665	4,611	-	-	-
Mierak Hararge	560,298	429,284	120,435	10,579	-	-	-
Bale	333,389	262,340	43,266	22,721	5,062	-	-
Borena	63,841	31,728	10,602	9,314	11,706	371	-
Debub Mirab Shewa	299,070	222,121	60,156	14,843	1,950	-	-
Guji	355,636	231,641	95,597	23,918	4,480	-	-
Mirab Guji	258,933	189,471	59,578	8,014	1,870	-	-
Oromiya Liyu Zone	202,684	125,817	37,306	25,789	13,772	-	-
Mirab Arsi	454,511	263,213	123,886	47,322	20,090	-	-
Kelem Wollega	228,066	147,255	66,595	12,479	1,737	-	-
Horo Guduru Wollega	128,130	90,542	24,280	11,497	1,811	-	-
Buno Bedele	94,770	59,702	27,092	7,174	802	-	-

TABLE 3-27 - b CONT'D

Geographic Area	All Holdings	no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head
Somale	577,319	194,056	51,094	69,351	210,128	44,446	6,670
Siti	26,146	19,055	3,522	1,423	2,146	-	-
Fafan	60,568	16,308	1,451	4,963	31,952	5,287	607
Jerer	68,952	8,975	447	1,778	38,568	13,561	4,442
Erer	20,542	1,688	1,149	1,152	12,670	3,883	-
Korahe	14,353	3,165	81	62	6,424	4,621	-
Shebele	52,132	34,386	1,409	2,255	10,020	4,062	-
Dollo	15,655	3,253	559	785	5,916	5,142	-
Afder	94,703	24,542	9,617	14,839	39,375	4,737	1,200
Liben	205,428	76,820	30,246	38,355	56,984	2,773	250
Nogob	1,520	343	93	51	726	307	-
Dawa	17,319	5,518	2,521	3,688	5,346	74	172
Benshangul-Gumuz	209,442	192,646	10,745	4,771	1,280	-	-
Metekel	69,460	65,882	2,263	981	334	-	-
Asosa	88,132	78,230	6,282	2,761	859	-	-
Kemeshi	44,524	42,815	1,237	472	-	-	-
Mao Komo	7,326	5,719	963	557	87	-	-
SNNP	3,967,785	2,746,858	992,846	182,967	40,427	1,236	2,000
Gurage	310,979	210,830	82,187	16,614	1,348	-	-
Hadiya	309,633	228,275	74,092	6,866	400	-	-
Kembata Tembaro	158,929	128,102	30,129	698	-	-	-
Sidama	1,054,431	875,331	161,229	15,618	2,253	-	-
Gedeo	209,121	137,549	58,589	9,635	3,348	-	-
Welayta	354,114	243,805	109,454	855	-	-	-
Debub Omo	122,315	77,977	20,287	10,667	9,006	927	2,000
Sheka	61,348	42,049	14,804	3,907	588	-	-
Kefa	233,719	92,475	93,812	41,587	5,845	-	-
Gamo Gofa	429,012	285,200	110,687	24,267	8,858	-	-
Bench Maji	119,256	61,277	44,774	12,470	735	-	-
Yem Liyu	21,351	15,255	5,402	694	-	-	-
Segen Akababi Hizboch	149,990	89,199	43,003	12,415	5,064	309	-
Alaba Special	61,302	39,549	18,441	3,205	107	-	-
Dawro	78,795	55,244	20,930	2,513	108	-	-
Basketo Special	20,771	13,565	6,326	880	-	-	-
Konta Liyu	31,529	22,785	8,061	683	-	-	-
Silite	241,192	128,395	90,639	19,391	2,767	-	-
Gambela region	54,454	46,481	4,998	1,838	1,124	13	-
Agnuwak	6,630	6,521	48	32	29	-	-
Nware	21,100	17,300	1,849	1,168	783	-	-
Mezhenger	22,987	19,133	3,048	585	221	-	-
Itang Special	3,736	3,527	53	52	91	13	-
Harari	51,461	49,455	2,006	-	-	-	-
Harari	51,461	49,455	2,006	-	-	-	-
DirDawaAstedader	43,936	27,621	12,547	2,992	701	60	15
Dire Dawa	43,936	27,621	12,547	2,992	701	60	15

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

Geographic Area	All Holdings	no Goat	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head
Ethiopia	18,452,999	13,290,496	2,640,580	1,241,390	1,113,887	131,576	25,391
Tigray	1,480,125	968,255	147,851	171,065	190,145	2,809	-
Semen Mirab	503,697	278,028	62,282	71,082	89,731	2,574	-
Mehakelawi	301,914	169,026	38,629	48,206	46,053	-	-
Misrakawi	201,123	174,281	8,637	12,192	6,013	-	-
Debubawi	135,309	110,519	10,186	9,084	5,520	-	-
Mirabawi	139,224	74,192	17,198	19,429	28,170	235	-
Debub Misrak	198,858	162,209	10,918	11,072	14,659	-	-
Afar	370,367	32,828	26,551	54,940	217,250	34,309	3,468
Zone_1 (Awsiresu)	191,442	19,838	12,860	32,507	112,878	12,590	769
Zone_2 (Kelbetiresu)	79,706	5,677	8,227	15,322	43,318	6,364	399
Zone_3 (Gebiresu)	52,092	4,491	3,828	2,788	33,399	5,787	1,177
Zone_4 (Fentiresu)	20,319	1,181	999	2,200	12,328	3,189	422
Zone_5 (Hariresu)	26,808	1,641	637	2,122	15,328	6,379	701
Amhara	4,970,236	3,804,599	595,193	383,066	185,828	1,157	177
Semen Gonder	280,564	191,432	37,900	31,655	19,577	-	-
Debub Gonder	561,577	418,918	70,597	44,621	27,441	-	-
Semen Wello	359,927	254,425	50,790	42,133	12,579	-	-
Debub Wello	755,959	494,770	150,204	76,338	34,647	-	-
Semen Shewa	570,119	413,653	88,799	50,740	16,927	-	-
Misrak Gojjam	617,526	570,166	22,674	19,885	4,801	-	-
Mirab Gojjam	691,537	647,529	29,714	10,281	4,013	-	-
Waghimra	142,817	75,846	28,170	20,435	16,876	1,097	177
Awi	252,143	229,624	8,316	6,435	7,768	-	-
Oromiya Liyu Zone	118,061	85,538	18,354	9,544	4,625	-	-
Maekelawi Gonder	576,803	397,450	85,818	65,228	28,307	-	-
Mirab Gonder	43,203	25,245	3,858	5,771	8,269	60	-
Oromia	6,727,873	5,085,484	1,091,364	405,528	143,291	1,599	607
Mirab Wollega	289,233	262,335	17,229	8,735	934	-	-
Misrak Wollega	227,841	183,875	27,652	13,180	3,134	-	-
Ilu Ababor	269,980	231,179	32,163	5,936	702	-	-
Jimma	677,412	523,286	121,453	29,818	2,855	-	-
Mirab Shewa	535,846	472,079	37,572	19,557	6,638	-	-
Semen Shewa	330,012	291,313	24,654	9,061	4,984	-	-
Misrak Shewa	269,962	202,290	39,877	21,478	6,317	-	-
Arsi	735,855	582,301	96,777	42,243	14,534	-	-
Mirab Hararghe	412,404	197,449	148,613	52,748	13,107	-	487
Mierak Hararge	560,298	240,486	245,778	68,498	5,536	-	-
Bale	333,389	195,088	55,581	47,578	34,316	826	-
Borena	63,841	16,979	8,997	14,466	22,507	772	120
Debub Mirab Shewa	299,070	228,658	50,977	13,442	5,993	-	-
Guji	355,636	290,961	41,442	13,953	9,280	-	-
Mirab Guji	258,933	235,414	16,193	5,872	1,454	-	-
Oromiya Liyu Zone	202,684	190,278	6,899	4,279	1,228	-	-
Mirab Arsi	454,511	393,712	46,065	10,195	4,539	-	-
Kelem Wollega	228,066	187,941	30,796	9,329	-	-	-
Horo Guduru Wollega	128,130	96,137	17,748	9,264	4,981	-	-
Buno Bedele	94,770	63,725	24,900	5,893	252	-	-

TABLE 3- 27- c CONT'D

Geographic Area	All Holdings	no Goat	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head
Somale	577,319	79,298	29,981	52,460	303,903	86,829	19,102
Siti	26,146	2,660	5,526	5,653	11,778	529	-
Fafan	60,568	26,024	2,649	6,852	22,992	2,051	-
Jerer	68,952	6,762	297	1,724	34,537	16,879	5,475
Erer	20,542	540	169	228	12,198	7,407	-
Korahe	14,353	951	141	-	5,798	7,463	-
Shebele	52,132	17,308	1,396	2,898	21,589	8,941	-
Dollo	15,655	417	-	61	6,145	9,032	-
Afder	94,703	4,422	3,155	8,641	55,738	13,885	6,622
Liben	205,428	17,989	15,343	24,472	122,811	18,682	6,131
Nogob	1,520	218	51	-	635	616	-
Dawa	17,319	2,005	1,252	1,931	9,683	1,345	874
Benshangul-Gumuz	209,442	144,921	33,622	20,305	9,999	399	196
Metekel	69,460	42,440	15,021	7,500	4,133	170	196
Asosa	88,132	66,347	10,671	7,363	3,522	229	-
Kemeshi	44,524	31,024	6,656	4,674	2,170	-	-
Mao Komo	7,326	5,108	1,274	769	175	-	-
SNNP	3,967,785	3,104,978	672,010	130,651	51,571	4,230	1,679
Gurage	310,979	269,506	36,232	4,021	1,220	-	-
Hadiya	309,633	225,778	73,895	9,528	432	-	-
Kembata Tembaro	158,929	124,546	32,189	2,194	-	-	-
Sidama	1,054,431	942,195	100,274	6,481	5,481	-	-
Gedeo	209,121	205,101	4,020	-	-	-	-
Welayta	354,114	280,931	62,010	10,222	951	-	-
Debub Omo	122,315	63,046	18,179	13,779	20,059	2,907	1,679
Sheka	61,348	56,023	4,831	360	134	-	-
Kefa	233,719	164,225	58,718	9,486	1,290	-	-
Gamo Gofa	429,012	317,416	77,361	26,428	7,411	396	-
Bench Maji	119,256	85,448	27,009	5,584	1,215	-	-
Yem Liyu	21,351	11,335	6,263	3,002	751	-	-
Segen Akababi Hizboch	149,990	72,163	47,078	18,695	11,128	926	-
Alaba Special	61,302	31,774	23,701	4,867	960	-	-
Dawro	78,795	55,513	18,947	4,224	111	-	-
Basketo Special	20,771	16,906	3,251	571	43	-	-
Konta Liyu	31,529	21,246	9,014	1,203	66	-	-
Silite	241,192	161,832	69,037	10,006	317	-	-
Gambela region	54,454	39,210	5,403	5,506	4,046	171	118
Agnuwak	6,630	5,567	602	325	130	6	-
Nuware	21,100	10,111	2,827	4,421	3,471	152	118
Mezhenger	22,987	21,015	1,580	392	-	-	-
Itang Special	3,736	2,518	394	366	445	13	-
Harari	51,461	22,726	21,303	6,835	597	-	-
Harari	51,461	22,726	21,303	6,835	597	-	-
DirDawaAstedader	43,936	8,197	17,301	11,034	7,254	75	45
Dire Dawa	43,936	8,197	17,301	11,034	7,254	75	45

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	17,060,779	1,238,388	138,896	14,781	155	6,215,952	519,241	55,818	3,539	6,215,952
Tigray	1,478,150	1,975	-	-	-	619,032	36,016	463	-	619,032
North West Tigray	503,697	-	-	-	-	188,177	8,808	-	-	188,177
Central Tigray	301,914	-	-	-	-	138,824	3,032	-	-	138,824
Eastern Tigray	200,264	859	-	-	-	99,756	4,819	263	-	99,756
Southern Tigray	135,171	138	-	-	-	37,388	5,057	200	-	37,388
Western Tigray	138,469	755	-	-	-	52,833	4,143	-	-	52,833
Debub Misrak	198,635	223	-	-	-	102,053	10,158	-	-	102,053
Afar	370,313	54	-	-	-	148,146	26,062	4,059	1,465	148,146
Zone_1 (Awsiresu)	191,442	-	-	-	-	51,343	13,336	1,618	1,079	51,343
Zone_2 (Kelbetiresu)	79,706	-	-	-	-	51,820	1,050	-	-	51,820
Zone_3 (Gebiresu)	52,038	54	-	-	-	22,781	5,618	1,357	360	22,781
Zone_4 (Fentiresu)	20,319	-	-	-	-	8,944	1,612	201	-	8,944
Zone_5 (Hariresu)	26,808	-	-	-	-	13,258	4,447	883	26	13,258
Amhara	4,651,863	287,589	30,439	345	-	2,157,649	173,810	11,542	-	2,157,649
Semen Gonder	253,398	23,882	3,284	-	-	117,026	6,056	-	-	117,026
Debub Gonder	535,664	23,212	2,701	-	-	232,944	22,978	3,757	-	232,944
Semen Wello	328,844	29,733	1,350	-	-	195,215	8,258	-	-	195,215
Debub Wello	731,719	23,394	841	5	-	394,393	21,906	2,158	-	394,393
Semen Shewa	492,809	72,936	4,374	-	-	302,561	48,346	775	-	302,561
Misrak Gojam	562,317	48,839	6,370	-	-	232,715	20,330	2,943	-	232,715
Mirab Gojam	673,253	16,745	1,539	-	-	237,197	16,744	13	-	237,197
Waghimra	142,817	-	-	-	-	75,953	6,734	778	-	75,953
Awi	207,204	37,335	7,264	340	-	54,146	3,412	305	-	54,146
Oromiya Liyu Zone	118,061	-	-	-	-	33,917	1,123	-	-	33,917
Maekelawi Gonder	562,575	11,512	2,716	-	-	258,002	17,263	729	4	258,002
Mirab Gonder	43,203	-	-	-	-	23,580	659	84	-	23,580
Oromiya	5,909,642	704,777	99,873	13,426	155	2,273,959	195,123	16,790	520	2,273,959
Mirab Wollega	287,637	1,596	-	-	-	92,753	10,773	1,555	-	92,753
Misrak Wollega	224,989	2,218	634	-	-	72,477	5,885	752	-	72,477
Ilu Ababor	237,282	30,106	2,592	-	-	33,945	656	-	-	33,945
Jimma	626,555	49,716	1,141	-	-	137,971	6,142	-	-	137,971
Mirab Shewa	392,676	108,484	32,600	2,086	-	143,181	16,023	-	-	143,181
Semen Shewa	282,757	43,351	3,904	-	-	165,366	18,268	1,346	-	165,366
Misrak Shewa	259,712	10,250	-	-	-	132,115	23,035	3,310	-	132,115
Arsi	569,010	149,079	16,415	1,351	-	380,503	25,869	1,461	-	380,503
Mirab Hararghe	411,303	1,101	-	-	-	186,221	3,384	-	-	186,221
Mierak Hararge	560,298	-	-	-	-	207,202	5,906	-	-	207,202
Bale	289,438	38,315	4,905	731	-	174,735	16,215	1,276	-	174,735
Borena	63,174	667	-	-	-	19,240	5,630	1,922	520	19,240
Debub Mirab Shewa	244,190	53,335	1,545	-	-	110,725	9,069	367	-	110,725
Guji	287,657	56,884	7,375	3,720	-	57,113	2,150	-	-	57,113
Mirab Guji	234,628	21,826	2,479	-	-	16,899	1,976	-	-	16,899
Oromiya Liyu Zone	173,764	26,486	2,434	-	-	84,662	15,067	1,664	-	84,662
Mirab Arsi	334,981	93,344	21,724	4,462	-	146,468	17,959	1,998	-	146,468
Kelem Wollega	228,066	-	-	-	-	46,607	1,737	-	-	46,607
Horo Guduru Wollega	115,325	9,936	1,773	941	155	49,269	8,166	1,016	-	49,269
Buno Bedele	86,200	8,082	353	135	-	16,508	1,212	123	-	16,508

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	577,319	-	-	-	-	290,404	68,276	20,743	1,436	290,404
Siti	26,146	-	-	-	-	9,927	1,065	272	-	9,927
Fafan	60,568	-	-	-	-	41,274	5,045	653	-	41,274
Jerer	68,952	-	-	-	-	26,549	2,846	759	-	26,549
Erer	20,542	-	-	-	-	8,742	4,906	2,233	-	8,742
Korahe	14,353	-	-	-	-	3,649	3,965	1,187	122	3,649
Shebele	52,132	-	-	-	-	19,307	4,625	2,525	206	19,307
Dollo	15,655	-	-	-	-	431	194	-	-	431
Afder	94,703	-	-	-	-	57,350	16,503	6,097	802	57,350
Liben	205,428	-	-	-	-	114,270	26,435	6,412	250	114,270
Nogob	1,520	-	-	-	-	450	368	93	-	450
Dawa	17,319	-	-	-	-	8,455	2,324	512	57	8,455
Benshangul-Gumuz	207,920	1,299	223	-	-	41,977	3,639	165	-	41,977
Metekel	69,460	-	-	-	-	12,061	1,351	165	-	12,061
Asosa	86,610	1,299	223	-	-	24,670	1,643	-	-	24,670
Kemeshi	44,524	-	-	-	-	4,578	581	-	-	4,578
Mao Komo	7,326	-	-	-	-	668	63	-	-	668
SNNP	3,716,434	241,980	8,361	1,010	-	655,367	15,233	2,056	114	655,367
Gurage	271,984	38,547	448	-	-	101,371	2,547	-	-	101,371
Hadiya	287,144	22,489	-	-	-	143,433	3,214	-	-	143,433
Kembata Tembaro	155,054	3,875	-	-	-	49,655	-	-	-	49,655
Sidama	1,036,571	16,732	1,128	-	-	56,795	-	-	-	56,795
Gedeo	192,359	15,264	1,084	414	-	3,068	-	-	-	3,068
Welayta	353,630	484	-	-	-	43,702	-	-	-	43,702
Debub Omo	114,563	7,551	201	-	-	5,208	1,204	1,555	114	5,208
Sheka	53,900	7,335	113	-	-	1,892	-	-	-	1,892
Kefa	182,602	46,267	4,254	596	-	7,329	-	-	-	7,329
Gamo Gofa	391,397	37,112	503	-	-	43,942	888	396	-	43,942
Bench Maji	112,077	7,179	-	-	-	1,568	-	-	-	1,568
Yem Liyu	21,084	267	-	-	-	4,114	35	-	-	4,114
Segen Akababi Hizboch	148,131	1,859	-	-	-	28,821	1,716	-	-	28,821
Alaba Special	60,354	948	-	-	-	36,149	2,543	105	-	36,149
Dawro	76,463	2,332	-	-	-	4,516	-	-	-	4,516
Basketo Special	20,632	139	-	-	-	1,065	-	-	-	1,065
Konta Liyu	30,655	874	-	-	-	801	-	-	-	801
Silite	207,837	32,726	629	-	-	121,938	3,085	-	-	121,938
Gambela region	53,740	714	-	-	-	104	33	-	-	104
Agnuwak	6,630	-	-	-	-	104	33	-	-	104
Nuware	21,100	-	-	-	-	-	-	-	-	-
Mezhenger	22,273	714	-	-	-	-	-	-	-	-
Itang Special	3,736	-	-	-	-	-	-	-	-	-
Harari	51,461	-	-	-	-	12,286	184	-	-	12,286
Harari	51,461	-	-	-	-	12,286	184	-	-	12,286
DirDawaAstedader	43,936	-	-	-	-	17,027	865	-	-	17,027
Dire Dawa	43,936	-	-	-	-	17,027	865	-	-	17,027

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	576,921	398	-	-	-	17,850,437	207,503	74,216	121,310	199,533
Tigray	26,146	-	-	-	-	1,439,541	39,440	897	247	-
North West Tigray	60,300	268	-	-	-	486,011	17,686	-	-	-
Central Tigray	68,952	-	-	-	-	291,005	10,909	-	-	-
Eastern Tigray	20,542	-	-	-	-	201,123	-	-	-	-
Southern Tigray	14,353	-	-	-	-	131,479	3,205	378	247	-
Western Tigray	52,001	131	-	-	-	132,621	6,603	-	-	-
Debub Misrak	15,655	-	-	-	-	197,303	1,037	518	-	-
Afar	94,703	-	-	-	-	210,846	65,747	23,206	34,518	36,050
Zone_1 (Awsiresu)	205,428	-	-	-	-	107,369	45,584	11,636	14,543	12,310
Zone_2 (Kelbetiresu)	1,520	-	-	-	-	52,003	11,289	5,557	6,732	4,125
Zone_3 (Gebiresu)	17,319	-	-	-	-	26,874	3,257	2,548	7,615	11,798
Zone_4 (Fentiresu)	206,954	2,488	-	-	-	12,055	3,419	1,398	2,030	1,417
Zone_5 (Hariresu)	69,460	-	-	-	-	12,545	2,197	2,067	3,599	6,400
Amhara	85,679	2,453	-	-	-	4,927,714	41,926	596	-	-
Semen Gonder	44,524	-	-	-	-	280,564	-	-	-	-
Debub Gonder	7,291	35	-	-	-	561,577	-	-	-	-
Semen Wello	3,918,790	48,756	239	-	-	342,333	17,168	426	-	-
Debub Wello	307,991	2,988	-	-	-	752,392	3,567	-	-	-
Semen Shewa	305,417	4,216	-	-	-	558,567	11,552	-	-	-
Misrak Gojjam	158,434	495	-	-	-	617,526	-	-	-	-
Mirab Gojjam	1,052,133	2,298	-	-	-	691,537	-	-	-	-
Waghimra	207,151	1,970	-	-	-	142,817	-	-	-	-
awi	351,780	2,334	-	-	-	252,143	-	-	-	-
Oromiya Liyu Zone	119,915	2,400	-	-	-	108,700	9,191	170	-	-
Maekelawi Gonder	59,888	1,460	-	-	-	576,803	-	-	-	-
Mirab Gonder	223,638	10,081	-	-	-	42,754	449	-	-	-
Oromiya	417,663	11,349	-	-	-	6,663,301	24,926	12,449	21,935	5,262
Mirab Wollega	116,558	2,698	-	-	-	289,233	-	-	-	-
Misrak Wollega	21,155	196	-	-	-	227,841	-	-	-	-
Ilu Ababor	148,743	1,247	-	-	-	269,980	-	-	-	-
Jimma	61,302	-	-	-	-	677,412	-	-	-	-
Mirab Shewa	75,858	2,698	239	-	-	535,846	-	-	-	-
Semen Shewa	20,436	335	-	-	-	330,012	-	-	-	-
Misrak Shewa	30,669	860	-	-	-	260,063	3,617	2,587	3,695	-
Arsi	240,060	1,132	-	-	-	734,676	1,179	-	-	-
Mirab Hararghe	54,040	414	-	-	-	404,202	4,369	2,345	989	499
Mierak Hararge	6,630	-	-	-	-	558,240	2,058	-	-	-
Bale	21,100	-	-	-	-	307,774	7,023	4,958	11,568	2,066
Borena	22,573	414	-	-	-	50,635	3,002	2,559	4,948	2,697
Debub Mirab Shewa	3,736	-	-	-	-	299,070	-	-	-	-
Guji	51,461	-	-	-	-	351,221	3,679	-	736	-
Mirab Guji	51,461	-	-	-	-	258,933	-	-	-	-
Oromiya Liyu Zone	43,936	-	-	-	-	202,684	-	-	-	-
Mirab Arsi	43,936	-	-	-	-	454,511	-	-	-	-
Kelem Wollega	576,921	398	-	-	-	228,066	-	-	-	-
Horo Guduru Wollega	26,146	-	-	-	-	128,130	-	-	-	-
Buno Bedele	60,300	268	-	-	-	94,770	-	-	-	-

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	576,921	398	-	-	-	287,337	32,304	35,980	63,835	157,863
Siti	26,146	-	-	-	-	22,732	1,594	601	960	259
Fafan	60,300	268	-	-	-	29,397	8,133	4,575	9,006	9,457
Jerer	68,952	-	-	-	-	20,160	1,498	2,598	9,324	35,372
Erer	20,542	-	-	-	-	3,439	407	820	1,836	14,040
Korahe	14,353	-	-	-	-	4,474	-	-	1,091	8,788
Shebele	52,001	131	-	-	-	43,167	608	1,133	1,932	5,292
Dollo	15,655	-	-	-	-	3,178	447	498	1,214	10,318
Afder	94,703	-	-	-	-	54,607	5,101	4,663	8,519	21,813
Liben	205,428	-	-	-	-	98,974	13,700	19,686	27,469	45,599
Nogob	1,520	-	-	-	-	217	42	93	42	1,126
Dawa	17,319	-	-	-	-	6,987	775	1,313	2,443	5,801
Benshangul-Gumuz	206,954	2,488	-	-	-	209,442	-	-	-	-
Metekel	69,460	-	-	-	-	69,460	-	-	-	-
Asosa	85,679	2,453	-	-	-	88,132	-	-	-	-
Kemeshi	44,524	-	-	-	-	44,524	-	-	-	-
Mao Komo	7,291	35	-	-	-	7,326	-	-	-	-
SNNP	3,918,790	48,756	239	-	-	3,967,785	-	-	-	-
Gurage	307,991	2,988	-	-	-	310,979	-	-	-	-
Hadiya	305,417	4,216	-	-	-	309,633	-	-	-	-
Kembata Tembaro	158,434	495	-	-	-	158,929	-	-	-	-
Sidama	1,052,133	2,298	-	-	-	1,054,431	-	-	-	-
Gedeo	207,151	1,970	-	-	-	209,121	-	-	-	-
Welayta	351,780	2,334	-	-	-	354,114	-	-	-	-
Debub Omo	119,915	2,400	-	-	-	122,315	-	-	-	-
Sheka	59,888	1,460	-	-	-	61,348	-	-	-	-
Kefa	223,638	10,081	-	-	-	233,719	-	-	-	-
Gamo Gofa	417,663	11,349	-	-	-	429,012	-	-	-	-
Bench Maji	116,558	2,698	-	-	-	119,256	-	-	-	-
Yem Liyu	21,155	196	-	-	-	21,351	-	-	-	-
Segen Akababi Hizboch	148,743	1,247	-	-	-	149,990	-	-	-	-
Alaba Special	61,302	-	-	-	-	61,302	-	-	-	-
Dawro	75,858	2,698	239	-	-	78,795	-	-	-	-
Basketo Special	20,436	335	-	-	-	20,771	-	-	-	-
Konta Liyu	30,669	860	-	-	-	31,529	-	-	-	-
Silite	240,060	1,132	-	-	-	241,192	-	-	-	-
Gambela region	54,040	414	-	-	-	54,454	-	-	-	-
Agnuwak	6,630	-	-	-	-	6,630	-	-	-	-
Nware	21,100	-	-	-	-	21,100	-	-	-	-
Mezhenger	22,573	414	-	-	-	22,987	-	-	-	-
Itang Special	3,736	-	-	-	-	3,736	-	-	-	-
Harari	51,461	-	-	-	-	51,277	-	184	-	-
Harari	51,461	-	-	-	-	51,277	-	184	-	-
DirDawaAstedader	43,936	-	-	-	-	38,738	3,160	905	775	358
Dire Dawa	43,936	-	-	-	-	38,738	3,160	905	775	358

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	9,536,446	7,510,769	1,394,306	10,324	1,154	-
Tigray	541,917	739,861	196,335	1,671	341	-
North West Tigray	193,227	221,745	87,494	1,231	-	-
Central Tigray	98,197	167,417	36,300	-	-	-
Eastern Tigray	61,146	121,631	18,005	-	341	-
Southern Tigray	65,366	60,492	9,451	-	-	-
Western Tigray	52,560	55,424	30,800	440	-	-
Debub Misrak	71,422	113,151	14,285	-	-	-
Afar	358,464	8,584	3,255	64	-	-
Zone_1 (Awsiresu)	190,540	902	-	-	-	-
Zone_2 (Kelbetiresu)	77,627	1,967	112	-	-	-
Zone_3 (Gebiresu)	47,743	2,963	1,322	64	-	-
Zone_4 (Fentiresu)	20,188	107	24	-	-	-
Zone_5 (Hariresu)	22,366	2,645	1,797	-	-	-
Amhara	2,039,545	2,416,473	507,944	5,840	434	-
Semen Gonder	71,220	158,619	50,309	416	-	-
Debub Gonder	221,902	289,642	49,420	613	-	-
Semen Wello	108,782	229,145	21,566	-	434	-
Debub Wello	306,270	422,248	27,441	-	-	-
Semen Shewa	204,144	334,651	31,324	-	-	-
Misrak Gojjam	406,640	178,202	32,684	-	-	-
Mirab Gojjam	303,001	284,221	104,315	-	-	-
Waghimra	55,518	73,012	14,287	-	-	-
Awi	105,999	104,090	41,260	794	-	-
Oromiya Liyu Zone	67,566	45,970	4,525	-	-	-
Maekelawi Gonder	170,451	285,074	117,709	3,569	-	-
Mirab Gonder	18,050	11,600	13,103	450	-	-
Oromiya	3,523,516	2,752,709	450,351	1,297	-	-
Mirab Wollega	100,950	152,951	35,332	-	-	-
Misrak Wollega	107,954	92,013	27,579	295	-	-
Ilu Ababor	110,396	140,062	19,522	-	-	-
Jimma	326,985	297,881	52,546	-	-	-
Mirab Shewa	268,374	235,647	30,949	876	-	-
Semen Shewa	166,237	144,752	19,023	-	-	-
Misrak Shewa	153,343	94,627	21,992	-	-	-
Arsi	428,156	274,265	33,434	-	-	-
Mirab Hararghe	231,237	155,171	25,996	-	-	-
Mierak Hararge	270,413	258,232	31,653	-	-	-
Bale	220,916	89,183	23,290	-	-	-
Borena	41,976	15,399	6,339	127	-	-
Debub Mirab Shewa	131,982	152,268	14,820	-	-	-
Guji	201,134	130,369	24,133	-	-	-
Mirab Guji	184,858	64,156	9,919	-	-	-
Oromiya Liyu Zone	91,318	101,593	9,773	-	-	-
Mirab Arsi	303,775	130,406	20,330	-	-	-
Kelem Wollega	82,822	121,335	23,909	-	-	-
Horo Guduru Wollega	56,061	58,362	13,707	-	-	-
Buno Bedele	44,631	44,034	6,105	-	-	-

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	530,656	32,312	14,237	114	-	-
Siti	24,994	1,021	131	-	-	-
Fafan	58,914	733	921	-	-	-
Jerer	68,952	-	-	-	-	-
Erer	20,318	112	112	-	-	-
Korahe	14,159	113	81	-	-	-
Shebele	51,849	77	206	-	-	-
Dollo	15,655	-	-	-	-	-
Afder	86,586	3,958	4,159	-	-	-
Liben	173,366	23,962	8,100	-	-	-
Nogob	1,520	-	-	-	-	-
Dawa	14,343	2,336	526	114	-	-
Benshangul-Gumuz	94,750	79,518	35,174	-	-	-
Metekel	27,058	28,285	14,117	-	-	-
Asosa	39,046	35,755	13,331	-	-	-
Kemeshi	25,488	12,625	6,411	-	-	-
Mao Komo	3,157	2,853	1,316	-	-	-
SNNP	2,369,493	1,423,844	172,787	1,282	379	-
Gurage	165,871	139,719	5,389	-	-	-
Hadiya	158,065	134,108	17,081	-	379	-
Kembata Tembaro	88,563	67,592	2,774	-	-	-
Sidama	762,768	252,175	39,488	-	-	-
Gedeo	160,891	47,547	683	-	-	-
Welayta	217,628	125,467	10,609	410	-	-
Debub Omo	76,190	33,752	12,373	-	-	-
Sheka	31,190	28,296	1,761	101	-	-
Kefa	87,652	124,964	20,780	323	-	-
Gamo Gofa	259,946	150,365	18,701	-	-	-
Bench Maji	63,317	44,970	10,786	183	-	-
Yem Liyu	9,573	10,509	1,269	-	-	-
Segen Akababi Hizboch	70,356	64,568	14,802	264	-	-
Alaba Special	31,673	26,084	3,545	-	-	-
Dawro	43,099	30,601	5,095	-	-	-
Basketo Special	12,889	7,236	646	-	-	-
Konta Liyu	14,279	15,293	1,957	-	-	-
Silite	115,549	120,596	5,047	-	-	-
Gambela region	30,308	15,085	9,006	55	-	-
Agnuwak	4,384	1,159	1,081	6	-	-
Nware	11,914	4,660	4,526	-	-	-
Mezhenger	12,361	8,537	2,089	-	-	-
Itang Special	1,648	728	1,311	49	-	-
Harari	30,909	18,332	2,220	-	-	-
Harari	30,909	18,332	2,220	-	-	-
DirDawaAstedader	16,887	24,051	2,998	-	-	-
Dire Dawa	16,887	24,051	2,998	-	-	-

TABLE 3-28: ANIMAL FEED PRACTICES OF PEASNT HOLDERS – PERCENTAGE USED BY TYPE OF FEED, ZONE, AND REGION(table is not produced)

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	100	55.23	30.83	0.67	7.34	1.85	4.07
Tigray	100	34.95	41.46	1.17	15.52	2.61	4.28
North West Tigray	100	44.56	31.76	1.36	15.29	2.65	4.38
Central Tigray	100	21.29	49.88	2.2	18.38	2.81	5.44
Eastern Tigray	100	24.34	54.79	0.84	13.77	3.86	2.41
Southern Tigray	100	38.2	46.61	0.45	11.51	0.57	2.66
Western Tigray	100	49.13	27.3	0.24	14.26	1.37	7.7
Debub Misrak	100	29.4	47.04	0.57	17.14	3.36	2.48
Afar	100	95.33	2.7	0.02	0.87	1.02	0.06
Zone_1 (Awsiresu)	100	95.18	3.05	-	0.81	0.96	-
Zone_2 (Kelbetiresu)	100	96.35	1.4	0.04	0.07	2.02	0.11
Zone_3 (Gebiresu)	100	90.92	5.59	0.04	2.76	0.46	0.23
Zone_4 (Fentiresu)	100	99.34	0.28	0.02	-	0.35	0.01
Zone_5 (Hariresu)	100	99.15	0.23	-	0.62	-	-
Amhara	100	35.95	43.84	0.33	13.9	1.36	4.61
Semen Gonder	100	32.32	46.87	0.31	17.81	1.62	1.07
Debub Gonder	100	29.32	50.68	0.65	16.68	1.12	1.55
Semen Wello	100	30.1	49.68	0.1	16.92	0.37	2.83
Debub Wello	100	35.18	45.87	0.23	16.34	0.57	1.8
Semen Shewa	100	31.63	47.26	0.2	13.44	2.76	4.71
Misrak Gojjam	100	36.49	48.44	0.31	5.2	0.86	8.69
Mirab Gojjam	100	41.28	37.88	0.13	8.32	1.93	10.45
Waghimra	100	39.27	47.47	-	9.32	0.17	3.77
Awi	100	50.72	29.59	0.26	11.67	0.29	7.46
Oromiya Liyu Zone	100	51.78	25.35	0.05	18.52	0.87	3.43
Maekelawi Gonder	100	34.51	38.24	0.84	21.8	2.46	2.15
Mirab Gonder	100	63.08	18.92	0.76	14.16	1.73	1.35
Oromiya	100	63.05	26.51	0.81	3.77	2.1	3.75
Mirab Wollega	100	74.54	14.19	1.08	2.5	2.97	4.71
Misrak Wollega	100	80.13	15.2	0.27	1.04	0.58	2.78
Ilu Ababor	100	85.05	8.97	0.27	0.84	1.52	3.37
Jimma	100	86.67	10.85	0.29	0.26	0.37	1.56
Mirab Shewa	100	65.06	25.76	1	2.36	0.83	4.99
Semen Shewa	100	44.73	30.19	0.86	18.04	2.79	3.4
Misrak Shewa	100	45.58	42.64	0.65	2.45	5.9	2.78
Arsi	100	55.94	36.84	0.69	2.55	2.58	1.4
Mirab Hararghe	100	32.92	37.4	2.02	9.06	3.25	15.35
Mierak Hararge	100	39.67	45.88	1.03	3.42	4.09	5.91
Bale	100	74.04	22.25	0.12	0.98	1.38	1.22
Borena	100	82.99	8.63	1.09	2.57	3.07	1.64
Debub Mirab Shewa	100	59.22	32.92	0.3	3.82	1.06	2.68
Guji	100	72.67	20.02	2.12	3.37	0.58	1.25
Mirab Guji	100	57.59	24.43	0.59	5.43	2.8	9.16
Oromiya Liyu Zone	100	46.22	30.91	2.21	11.31	4.73	4.62
Mirab Arsi	100	67.03	26.91	0.52	2.49	1.95	1.11
Kelem Wollega	100	84.08	14.17	-	0.79	0.1	0.86
Horo Guduru Wollega	100	78.58	14.46	0.39	3.78	0.59	2.2
Buno Bedele	100	86.07	9.59	0.1	1.17	1.26	1.8

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	90.18	6.29	0.16	0.58	0.31	2.48
Siti	100	93.68	2.84	-	0.93	1.6	0.96
Fafan	100	66.2	31.56	0.27	0.38	0.03	1.55
Jerer	100	81.09	7.92	0.28	-	0.18	10.53
Erer	100	97.57	0.87	0.05	1.42	-	0.09
Korahe	100	97.05	2.11	-	-	-	0.85
Shebele	100	69.58	15.04	1.64	1.76	0.13	11.85
Dollo	100	96.24	-	-	-	-	3.76
Afder	100	97.49	1.76	-	0.61	-	0.14
Liben	100	97.42	1.17	-	0.51	0.27	0.63
Nogob	100	98.27	-	-	0.73	-	0.99
Dawa	100	92.9	1.08	0.18	1.24	2.9	1.71
Benshangul-Gumuz	100	79.76	13.28	0.67	3.37	1.73	1.19
Metekel	100	88.06	7.22	0.43	1.87	1.44	0.98
Asosa	100	72.11	19.77	1.04	4.97	1.55	0.56
Kemeshi	100	86.66	5.6	0.06	1.5	2.91	3.26
Mao Komo	100	85.86	8.33	0.39	2	1.09	2.34
SNNP	100	63.19	25.32	0.82	4.11	1.98	4.57
Gurage	100	56.6	24.92	0.49	11.07	2.55	4.37
Hadiya	100	55.73	29.28	0.57	5.7	1.48	7.24
Kembata Tembaro	100	47.22	24.64	4.12	6	6.02	12.01
Sidama	100	63.81	28.88	0.72	2.16	2.03	2.4
Gedeo	100	69.24	21.73	0.42	2.57	2.21	3.84
Welayta	100	69.63	19.84	0.87	3.55	3.46	2.65
Debub Omo	100	74.29	19.65	0.16	1.55	1.19	2.99
Sheka	100	87.28	1.59	0.38	1.09	0.54	9.11
Kefa	100	88.29	9.97	0.1	0.15	0.24	1.24
Gamo Gofa	100	60.74	26.02	0.65	4.13	0.81	7.66
Bench Maji	100	85.46	8.04	0.32	0.69	1.14	4.34
Yem Liyu	100	75.88	13.84	0.06	8.97	0.05	1.2
Segen Akababi Hizboch	100	51.25	34.12	0.56	4.47	3.23	6.38
Alaba Special	100	40.01	44.65	2.06	8.31	2.04	2.92
Dawro	100	62.09	18.73	2.21	7.94	3.64	5.38
Basketo Special	100	61.64	27.13	1.85	3.93	1.33	4.12
Konta Liyu	100	73.68	14.12	0.66	6.57	1.43	3.54
Silite	100	47.49	40.51	0.96	5.08	0.65	5.31
Gambela region	100	93.28	1.29	-	2.26	-	3.17
Agnuwak	100	97.89	1.55	-	-	-	0.56
Nuware	100	97.76	-	-	2.2	-	0.05
Mezhenger	100	85.78	3.45	-	3.01	-	7.77
Itang Special	100	89.72	0.62	-	0.97	-	8.69
Harari	100	27.85	50.78	2.87	4.76	5.57	8.17
Harari	100	27.85	50.78	2.87	4.76	5.57	8.17
DirDawaAstedader	100	69.81	16.49	0.33	0.38	9.87	3.12
Dire Dawa	100	69.81	16.49	0.33	0.38	9.87	3.12

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	15,232,275	13,141,404	672,351	5,733,533	1,966,186	3,811,539
Tigray	1,077,039	1,115,010	89,369	921,884	209,480	248,979
North West Tigray	374,870	365,775	34,225	330,395	108,045	93,329
Central Tigray	201,003	245,847	36,419	209,532	28,530	49,679
Eastern Tigray	139,946	148,880	8,223	91,489	25,425	18,403
Southern Tigray	107,697	103,937	3,447	69,840	1,838	23,729
Western Tigray	116,309	110,634	3,463	97,678	19,440	45,816
Debub Misrak	137,213	139,936	3,592	122,950	26,202	18,023
Afar	355,742	37,784	206	13,568	18,604	920
Zone_1 (Awsiresu)	182,372	22,578	-	5,580	8,350	-
Zone_2 (Kelbetiresu)	78,154	5,240	134	276	9,172	542
Zone_3 (Gebiresu)	50,905	9,311	27	7,143	791	354
Zone_4 (Fentiresu)	19,644	94	45	-	290	24
Zone_5 (Hariresu)	24,668	561	-	570	-	-
Amhara	4,158,514	4,146,252	98,028	2,795,535	472,660	1,247,305
Semen Gonder	228,332	236,189	5,371	192,136	20,841	20,341
Debub Gonder	491,487	505,174	26,397	366,101	64,127	75,965
Semen Wello	310,035	313,982	5,334	241,883	9,199	25,767
Debub Wello	622,594	621,099	4,810	463,458	16,119	21,565
Semen Shewa	460,232	471,486	9,415	324,164	123,430	200,522
Misrak Gojjam	507,839	511,065	11,406	177,046	21,552	306,032
Mirab Gojjam	587,943	568,846	7,872	317,827	100,473	384,732
Waghimra	124,649	119,941	177	59,070	2,116	32,720
Awj	221,214	211,856	3,614	144,604	4,732	121,777
Oromiya Liyu Zone	79,685	67,378	229	50,788	2,614	7,139
Maekelawi Gonder	490,992	493,030	21,810	434,694	103,146	46,796
Mirab Gonder	33,512	26,205	1,592	23,764	4,312	3,950
Oromiya	5,580,365	4,774,016	271,035	1,180,013	825,989	1,368,302
Mirab Wollega	228,936	160,645	13,215	24,696	27,140	41,742
Misrak Wollega	184,119	135,449	2,170	10,050	6,389	42,572
Ilu Ababor	222,064	120,151	6,558	11,468	25,687	54,071
Jimma	599,297	384,028	9,415	12,143	28,247	81,722
Mirab Shewa	465,200	411,315	33,049	97,515	34,342	228,473
Semen Shewa	296,492	280,709	20,519	254,281	73,199	106,952
Misrak Shewa	214,307	221,054	11,907	40,494	83,484	38,206
Arsi	615,760	607,475	21,130	104,570	112,755	85,739
Mirab Hararghe	312,096	345,971	24,360	150,888	75,933	209,571
Mierak Hararge	461,946	499,500	28,692	107,232	119,415	204,159
Bale	302,458	256,056	4,017	23,489	33,952	31,590
Borena	50,988	18,554	2,576	5,135	5,809	1,882
Debub Mirab Shewa	260,390	243,656	8,783	74,335	27,675	54,446
Guji	321,158	248,006	33,405	39,382	8,156	19,754
Mirab Guji	131,666	102,594	5,525	27,353	19,864	26,919
Oromiya Liyu Zone	162,012	151,032	23,191	92,613	63,377	68,378
Mirab Arsi	375,165	337,059	19,084	68,924	67,510	27,708
Kelem Wollega	178,308	118,654	-	9,200	1,805	13,540
Horo Guduru Wollega	110,434	74,779	3,119	18,833	5,102	21,466
Buno Bedele	87,568	57,332	317	7,413	6,147	9,414

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	505,642	87,266	1,995	15,120	6,879	29,672
Siti	25,071	3,212	-	1,752	2,081	1,500
Fafan	56,858	46,954	639	1,875	73	4,965
Jerer	51,278	10,961	167	-	104	9,257
Erer	16,039	626	74	714	-	74
Korahe	9,586	203	81	-	-	81
Shebele	25,901	13,748	977	2,489	131	5,471
Dollo	7,886	-	-	-	-	308
Afder	94,468	5,550	-	3,551	-	581
Liben	201,647	5,166	-	3,672	2,191	5,997
Nogob	693	-	-	51	-	28
Dawa	16,215	847	57	1,016	2,298	1,409
Benshangul-Gumuz	143,403	85,861	5,591	29,824	11,921	8,379
Metekel	43,379	17,585	712	3,822	2,401	1,329
Asosa	72,297	60,591	4,674	23,932	7,477	3,986
Kemeshi	23,328	5,727	78	1,541	1,717	2,678
Mao Komo	4,400	1,958	127	530	327	385
SNNP	3,316,724	2,829,069	199,161	769,302	396,984	882,185
Gurage	276,595	224,756	9,721	139,073	35,622	77,638
Hadiya	297,576	286,197	8,812	91,704	31,502	129,208
Kembata Tembaro	141,427	134,773	42,913	56,257	57,797	82,463
Sidama	852,059	764,065	38,242	100,003	97,420	104,055
Gedeo	99,373	71,525	1,505	13,040	6,335	13,832
Welayta	321,852	285,731	29,646	79,068	66,325	113,041
Debub Omo	94,615	64,318	842	7,317	5,156	16,512
Sheka	44,729	4,287	438	792	1,424	13,322
Kefa	212,254	94,248	1,303	2,903	2,903	26,569
Gamo Gofa	362,259	344,619	21,574	90,648	20,692	123,681
Bench Maji	100,533	50,725	1,524	4,437	8,589	14,536
Yem Liyu	19,338	16,729	66	9,623	139	1,348
Segen Akababi Hizboch	109,952	121,931	3,755	24,704	17,161	50,131
Alaba Special	52,355	51,231	6,099	24,908	7,303	8,149
Dawro	74,369	71,108	14,373	41,551	23,150	36,301
Basketo Special	16,094	13,842	1,810	3,405	1,383	4,039
Konta Liyu	29,289	25,310	2,465	14,614	4,377	4,145
Silite	212,056	203,675	14,073	65,256	9,707	63,214
Gambela region	32,452	1,285	-	1,157	-	2,310
Agnuwak	2,085	189	-	-	-	322
Nware	18,048	-	-	405	-	169
Mezhenger	10,583	1,084	-	733	-	1,651
Itang Special	1,736	12	-	19	-	168
Harari	24,532	36,139	6,361	6,040	10,809	19,040
Harari	24,532	36,139	6,361	6,040	10,809	19,040
DirDawaAstedader	37,861	28,723	606	1,091	12,859	4,448
Dire Dawa	37,861	28,723	606	1,091	12,859	4,448

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	7,573,563	361,987	3,525,522	3,623,527	147,677
Tigray	269,811	8,256	382,750	405,209	11,014
North West Tigray	71,549	2,721	156,553	139,454	4,593
Central Tigray	79,306	1,271	47,532	68,816	4,078
Eastern Tigray	77,977	2,137	28,455	30,417	960
Southern Tigray	13,062	-	43,896	50,739	-
Western Tigray	7,911	2,126	61,878	43,315	1,079
Debub Misrak	20,006	-	44,435	72,467	305
Afar	4,704	392	345,393	5,254	-
Zone_1 (Awsiresu)	3,065	-	174,410	4,897	-
Zone_2 (Kelbetiresu)	-	-	77,797	357	-
Zone_3 (Gebiresu)	840	294	49,771	-	-
Zone_4 (Fentiresu)	799	98	18,747	-	-
Zone_5 (Hariresu)	-	-	24,668	-	-
Amhara	1,430,103	125,809	1,144,933	1,429,677	27,992
Semen Gonder	61,650	3,143	86,402	76,824	312
Debub Gonder	166,157	5,295	149,472	167,611	2,952
Semen Wello	174,142	9,622	33,301	89,164	3,806
Debub Wello	295,230	38,523	134,826	152,203	1,813
Semen Shewa	244,779	25,323	54,845	130,025	5,259
Misrak Gojjam	94,623	5,082	205,288	201,128	1,718
Mirab Gojjam	142,020	8,795	178,923	252,433	5,771
Waghimra	20,044	372	58,850	45,383	-
awi	53,785	9,862	45,576	109,547	2,445
Oromiya Liyu Zone	43,373	5,351	16,000	14,961	-
Maekelawi Gonder	130,055	14,131	162,716	181,126	2,964
Mirab Gonder	4,244	310	18,735	9,272	951
Oromiya	3,421,437	187,531	786,890	1,098,701	85,806
Mirab Wollega	104,969	2,373	53,536	65,045	3,013
Misrak Wollega	107,468	12,072	37,222	26,094	1,264
Ilu Ababor	128,065	971	54,961	34,960	3,107
Jimma	427,616	3,875	96,436	56,876	14,494
Mirab Shewa	311,286	35,983	8,705	87,477	21,750
Semen Shewa	152,005	38,782	26,238	73,688	5,780
Misrak Shewa	118,888	4,521	35,613	54,194	1,091
Arsi	377,124	42,194	73,310	115,327	7,805
Mirab Hararghe	244,568	3,898	26,106	36,474	1,051
Mierak Hararge	316,834	1,379	85,619	56,865	1,249
Bale	111,941	7,412	54,540	127,258	1,308
Borena	4,402	127	32,880	13,579	-
Debub Mirab Shewa	185,815	4,680	14,889	47,714	7,293
Guji	234,449	1,531	32,362	52,035	781
Mirab Guji	67,911	2,144	30,923	23,983	6,705
Oromiya Liyu Zone	99,338	17,413	3,323	37,411	4,527
Mirab Arsi	282,997	6,066	3,112	80,906	2,085
Kelem Wollega	56,532	-	74,440	47,336	-
Horo Guduru Wollega	34,323	1,091	21,688	53,332	-
Buno Bedele	54,906	1,020	20,988	8,148	2,505

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	20,913	1,915	452,230	30,067	518
Siti	369	-	23,228	1,474	-
Fafan	16,036	96	31,308	9,328	91
Jerer	2,293	133	48,686	-	167
Erer	192	413	15,434	-	-
Korahe	-	-	9,586	-	-
Shebele	1,922	1,185	4,928	17,606	261
Dollo	-	-	7,886	-	-
Afder	-	-	94,468	-	-
Liben	-	-	200,966	681	-
Nogob	28	-	666	-	-
Dawa	73	88	15,075	978	-
Benshangul-Gumuz	10,603	183	111,911	19,280	1,426
Metekel	3,007	-	36,531	3,841	-
Asosa	5,576	-	58,155	8,566	-
Kemeshi	1,853	183	14,413	5,453	1,426
Mao Komo	168	-	2,812	1,419	-
SNNP	2,390,647	37,608	247,914	620,156	20,399
Gurage	187,844	3,376	9,691	75,684	-
Hadiya	258,370	1,706	1,727	35,773	-
Kembata Tembaro	107,378	715	4,095	28,016	1,224
Sidama	608,520	2,103	68,700	172,736	-
Gedeo	71,710	4,907	8,741	13,753	264
Welayta	249,425	2,184	6,204	64,038	-
Debub Omo	35,965	658	35,062	22,066	864
Sheka	35,598	718	3,623	2,808	1,982
Kefa	183,087	3,305	10,387	11,030	4,445
Gamo Gofa	214,531	15,896	43,884	80,102	7,846
Bench Maji	65,907	171	8,653	25,452	350
Yem Liyu	14,901	199	1,340	2,757	142
Segen Akababi Hizboch	32,465	1,192	40,361	34,488	1,446
Alaba Special	46,038	314	436	5,567	-
Dawro	52,197	-	2,789	19,247	136
Basketo Special	13,778	-	1,575	693	48
Konta Liyu	26,759	165	-	2,365	-
Silite	186,174	-	648	23,580	1,654
Gambela region	5,779	203	24,587	1,360	522
Agnuwak	35	-	1,785	265	-
Nuware	-	-	17,323	725	-
Mezhenger	5,500	203	4,358	-	522
Itang Special	245	-	1,122	370	-
Harari	16,841	90	4,675	2,926	-
Harari	16,841	90	4,675	2,926	-
Dir Dawa Astedader	2,726	-	24,239	10,897	-
Dire Dawa	2,726	-	24,239	10,897	-

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	11,411,883	277,617	83,932	1,317,909	50,061
Tigray	917,970	25,287	11,420	156,183	4,150
North West Tigray	317,522	5,711	5,172	35,524	1,847
Central Tigray	191,067	5,065	2,098	46,876	741
Eastern Tigray	131,502	6,983	335	9,437	622
Southern Tigray	90,797	1,514	370	11,255	-
Western Tigray	85,204	4,194	3,100	17,501	636
Debub Misrak	101,878	1,819	345	35,590	305
Afar	25,981	6,080	1,195	4,528	-
Zone_1 (Awsiresu)	12,839	4,748	462	4,528	-
Zone_2 (Kelbetiresu)	4,594	70	576	-	-
Zone_3 (Gebiresu)	7,942	1,262	106	-	-
Zone_4 (Fentiresu)	45	-	50	-	-
Zone_5 (Hariresu)	561	-	-	-	-
Amhara	3,513,556	89,739	19,603	502,250	21,104
Semen Gonder	200,245	4,273	1,756	29,916	-
Debub Gonder	438,589	4,341	5,267	55,376	1,600
Semen Wello	254,051	5,626	443	52,511	1,351
Debub Wello	551,508	12,183	5,171	49,065	3,174
Semen Shewa	381,969	10,310	-	77,144	2,063
Misrak Gojjam	476,542	3,519	-	28,857	2,148
Mirab Gojjam	497,083	13,595	718	52,130	5,320
Waghimra	97,396	1,604	522	20,420	-
Awi	170,967	11,583	3,029	23,384	2,893
Oromiya Liyu Zone	56,272	3,703	195	7,037	171
Maekelawi Gonder	367,513	17,778	1,978	103,376	2,385
Mirab Gonder	21,421	1,225	524	3,036	-
Oromiya	4,255,641	92,727	32,695	378,025	14,929
Mirab Wollega	142,292	8,077	1,139	8,132	1,005
Misrak Wollega	115,799	4,306	2,135	13,209	-
Ilu Ababor	104,952	2,774	5,672	6,753	-
Jimma	374,112	2,415	3,253	3,562	686
Mirab Shewa	371,154	8,349	584	24,350	6,877
Semen Shewa	219,250	10,463	913	49,165	919
Misrak Shewa	195,923	8,636	302	15,884	310
Arsi	537,905	8,460	1,347	59,764	-
Mirab Hararghe	331,669	975	525	11,579	1,222
Mierak Hararge	446,268	4,587	587	47,414	646
Bale	224,015	2,028	3,060	26,691	262
Borena	12,455	3,947	1,385	768	-
Debub Mirab Shewa	230,884	3,447	394	8,482	448
Guji	229,727	755	781	16,743	-
Mirab Guji	87,423	8,871	1,149	5,151	-
Oromiya Liyu Zone	115,263	11,935	1,587	20,652	1,594
Mirab Arsi	295,274	-	5,834	35,196	754
Kelem Wollega	105,980	1,595	1,261	9,818	-
Horo Guduru Wollega	64,097	584	541	9,556	-
Buno Bedele	51,199	524	245	5,157	206

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/Government Holding	From any Two or More Sources	Others
Somale	52,511	16,392	7,282	10,020	1,061
Siti	2,870	342	-	-	-
Fafan	30,432	5,468	2,754	7,583	717
Jerer	7,642	2,717	206	272	125
Erer	118	413	94	-	-
Korahe	-	-	122	-	81
Shebele	8,018	283	3,152	2,165	131
Dollo	1,418	4,132	-	-	-
Afder	1,926	2,303	937	-	-
Liben	88	734	18	-	7
Nogob	30,432	5,468	2,754	7,583	717
Dawa	7,642	2,717	206	272	125
Benshangul-Gumuz	75,238	1,014	1,829	7,484	295
Metekel	16,630	205	307	334	109
Asosa	51,254	809	1,286	7,056	186
Kemeshi	5,552	-	176	-	-
Mao Komo	1,802	-	62	94	-
SNNP	2,507,849	45,168	9,269	258,261	8,522
Gurage	201,814	5,246	429	16,029	1,238
Hadiya	266,027	1,424	800	17,528	418
Kembata Tembaro	118,532	1,956	251	13,613	420
Sidama	662,762	12,916	3,693	84,694	-
Gedeo	62,842	4,836	726	3,120	-
Welayta	246,604	6,188	861	32,078	-
Debub Omo	48,159	349	1,105	14,536	169
Sheka	3,816	351	-	119	-
Kefa	86,362	632	626	6,349	279
Gamo Gofa	311,166	5,600	-	22,952	4,902
Bench Maji	46,326	183	-	4,036	179
Yem Liyu	15,974	66	96	556	37
Segen Akababi Hizboch	106,436	1,725	226	13,319	225
Alaba Special	44,547	424	-	6,260	-
Dawro	57,354	1,523	207	12,023	-
Basketo Special	12,573	360	189	720	-
Konta Liyu	24,259	122	61	868	-
Silite	192,294	1,266	-	9,460	654
Gambela region	1,242	6	26	12	-
Agnuwak	158	6	26	-	-
Nuware	1,084	-	-	-	-
Mezhenger	-	-	-	12	-
Itang Special	1,242	6	26	12	-
Harari	34,278	726	307	828	-
Harari	34,278	726	307	828	-
DirDawaAstedader	27,619	478	308	318	-
Dire Dawa	27,619	478	308	318	-

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	418,396	170,315	10,569	63,413	9,658
Tigray	53,573	16,920	404	17,586	887
North West Tigray	23,640	5,422	-	5,164	-
Central Tigray	18,054	7,706	-	9,772	887
Eastern Tigray	6,639	1,585	-	-	-
Southern Tigray	2,642	401	404	-	-
Western Tigray	1,480	1,477	-	507	-
Debub Misrak	1,118	330	-	2,144	-
Afar	72	134	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	134	-	-	-
Zone_3 (Gebiresu)	27	-	-	-	-
Zone_4 (Fentiresu)	45	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
Amhara	68,151	25,444	-	2,035	2,397
Semen Gonder	2,938	1,392	-	675	366
Debub Gonder	25,218	1,179	-	-	-
Semen Wello	4,169	1,165	-	-	-
Debub Wello	2,398	2,405	-	7	-
Semen Shewa	5,758	2,791	-	-	866
Misrak Gojjam	6,653	4,066	-	-	686
Mirab Gojjam	3,473	4,399	-	-	-
Waghimra	177	-	-	-	-
Awi	715	2,448	-	-	451
Oromiya Liyu Zone	229	-	-	-	-
Maekelawi Gonder	15,176	5,253	-	1,354	27
Mirab Gonder	1,247	345	-	-	-
Oromiya	148,310	85,962	7,923	24,196	4,644
Mirab Wollega	6,254	6,962	-	-	-
Misrak Wollega	1,429	280	264	-	198
Ilu Ababor	3,587	2,221	-	750	-
Jimma	5,546	-	783	3,087	-
Mirab Shewa	15,392	10,628	-	6,327	703
Semen Shewa	8,060	7,849	-	4,207	403
Misrak Shewa	1,207	7,903	-	2,428	370
Arsi	7,093	11,552	-	2,484	-
Mirab Hararghe	18,134	5,239	525	-	462
Mierak Hararge	18,310	6,859	-	2,021	1,502
Bale	826	3,191	-	-	-
Borena	357	1,320	381	519	-
Debub Mirab Shewa	4,796	3,987	-	-	-
Guji	30,350	1,491	795	-	769
Mirab Guji	4,394	522	609	-	-
Oromiya Liyu Zone	13,936	6,915	933	1,170	238
Mirab Arsi	5,979	8,469	3,634	1,001	-
Kelem Wollega	-	-	-	-	-
Horo Guduru Wollega	2,426	490	-	203	-
Buno Bedele	231	86	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	1,093	729	173	-	-
Siti	-	-	-	-	-
Fafan	274	274	91	-	-
Jerer	167	-	-	-	-
Erer	74	-	-	-	-
Korahe	-	-	81	-	-
Shebele	579	398	-	-	-
Dollo	-	-	-	-	-
Afder	-	-	-	-	-
Liben	-	-	-	-	-
Nogob	-	-	-	-	-
Dawa	-	57	-	-	-
Benshangul-Gumuz	5,113	326	25	18	109
Metekel	295	308	-	-	109
Asosa	4,674	-	-	-	-
Kemeshi	78	-	-	-	-
Mao Komo	66	18	25	18	-
SNNP	136,488	39,718	1,942	19,577	1,437
Gurage	6,466	2,852	-	403	-
Hadiya	6,907	1,905	-	-	-
Kembata Tembaro	34,905	6,072	-	1,468	469
Sidama	20,985	7,588	-	9,669	-
Gedeo	1,245	-	-	260	-
Welayta	20,067	6,071	650	2,858	-
Debub Omo	529	153	-	-	160
Sheka	304	-	-	-	134
Kefa	970	-	-	333	-
Gamo Gofa	15,664	3,980	908	1,022	-
Bench Maji	720	438	-	366	-
Yem Liyu	66	-	-	-	-
Segen Akababi Hizboch	1,625	1,886	-	-	245
Alaba Special	4,692	99	-	1,308	-
Dawro	7,744	5,204	344	1,082	-
Basketo Special	1,265	382	40	75	47
Konta Liyu	1,488	186	-	733	58
Silite	10,847	2,901	-	-	325
Gambela region	-	-	-	-	-
Agnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	5,143	1,011	102	-	105
Harari	5,143	1,011	102	-	105
DirDawaAstedader	455	72	-	-	79
Dire Dawa	455	72	-	-	79

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	3,844,739	713,870	140,856	1,005,280	28,787
Tigray	668,462	58,951	17,373	174,623	2,475
North West Tigray	253,816	16,323	5,264	53,820	1,172
Central Tigray	147,337	10,435	1,656	50,106	-
Eastern Tigray	72,731	6,853	4,754	6,812	339
Southern Tigray	60,283	1,773	-	7,552	231
Western Tigray	48,135	21,276	5,375	22,463	427
Debub Misrak	86,161	2,291	324	33,870	305
Afar	5,712	213	7,413	230	-
Zone_1 (Awsiresu)	2,806	-	2,774	-	-
Zone_2 (Kelbetiresu)	276	-	-	-	-
Zone_3 (Gebiresu)	2,092	213	4,607	230	-
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	538	-	32	-	-
Amhara	1,724,508	418,856	81,915	558,287	11,969
Semen Gonder	128,813	29,341	2,868	31,114	-
Debub Gonder	234,375	48,237	11,527	71,962	-
Semen Wello	148,070	26,686	4,716	60,879	1,532
Debub Wello	316,842	43,583	4,609	98,411	14
Semen Shewa	201,178	42,355	578	78,410	1,643
Misrak Gojjam	100,367	33,156	14,031	28,112	1,380
Mirab Gojjam	175,726	64,683	14,317	60,675	2,427
Waghimra	35,208	4,425	6,962	11,607	867
Awi	82,727	29,655	7,375	23,193	1,654
Oromiya Liyu Zone	31,248	8,300	340	10,900	-
Maekelawi Gonder	256,277	85,737	12,129	78,179	2,372
Mirab Gonder	13,677	2,699	2,464	4,842	81
Oromiya	822,200	166,510	17,233	163,478	10,591
Mirab Wollega	20,559	1,065	659	2,413	-
Misrak Wollega	6,675	2,547	260	370	198
Ilu Ababor	9,703	1,026	366	373	-
Jimma	9,870	-	-	2,273	-
Mirab Shewa	53,206	18,896	-	23,599	1,814
Semen Shewa	140,659	51,310	2,244	55,919	4,149
Misrak Shewa	30,553	3,626	997	4,987	331
Arsi	71,745	26,860	2,522	3,442	-
Mirab Hararghe	134,574	10,149	-	4,943	1,222
Mierak Hararge	77,829	11,011	2,074	16,320	-
Bale	16,702	4,571	-	2,216	-
Borena	2,761	888	973	513	-
Debub Mirab Shewa	66,732	4,156	817	2,254	376
Guji	17,717	2,899	3,182	15,584	-
Mirab Guji	19,619	4,349	1,613	1,772	-
Oromiya Liyu Zone	50,224	21,100	201	19,598	1,490
Mirab Arsi	62,785	1,034	1,038	3,055	1,012
Kelem Wollega	9,200	-	-	-	-
Horo Guduru Wollega	14,115	939	163	3,616	-
Buno Bedele	6,973	86	123	231	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	3,885	9,978	903	354	-
Siti	1,455	297	-	-	-
Fafan	817	672	386	-	-
Jerer	-	-	-	-	-
Erer	74	640	-	-	-
Korahe	-	-	-	-	-
Shebele	1,516	101	518	354	-
Dollo	-	-	-	-	-
Afder	-	3,551	-	-	-
Liben	-	3,672	-	-	-
Nogob	-	51	-	-	-
Dawa	23	993	-	-	-
Benshangul-Gumuz	22,862	2,568	1,091	3,303	-
Metekel	3,056	103	117	547	-
Asosa	17,788	2,429	975	2,740	-
Kemeshi	1,541	-	-	-	-
Mao Komo	478	36	-	16	-
SNNP	590,463	56,239	14,401	104,915	3,283
Gurage	93,481	11,202	-	34,390	-
Hadiya	79,021	6,901	400	5,381	-
Kembata Tembaro	45,320	5,039	-	5,897	-
Sidama	81,280	2,961	-	15,762	-
Gedeo	11,112	1,350	281	297	-
Welayta	66,590	7,649	413	3,979	438
Debub Omo	5,287	-	181	1,848	-
Sheka	671	60	60	-	-
Kefa	2,591	312	-	-	-
Gamo Gofa	53,275	8,603	11,269	15,557	1,945
Bench Maji	3,372	171	-	895	-
Yem Liyu	9,011	130	335	147	-
Segen Akababi Hizboch	17,642	1,216	467	5,139	239
Alaba Special	19,498	1,968	-	3,442	-
Dawro	31,788	1,795	205	7,763	-
Basketo Special	2,548	514	156	186	-
Konta Liyu	12,242	238	633	1,500	-
Silite	55,733	6,130	-	2,732	661
Gambela region	630	-	424	-	102
Agnuwak	-	-	-	-	-
Nware	-	-	405	-	-
Mezhenger	630	-	-	-	102
Itang Special	-	-	19	-	-
Harari	4,925	555	102	90	367
Harari	4,925	555	102	90	367
DirDawaAstedader	1,091	-	-	-	-
Dire Dawa	1,091	-	-	-	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	707,350	1,130,262	7,082	114,927	6,564
Tigray	142,271	41,840	645	24,078	647
North West Tigray	93,838	8,890	645	4,025	647
Central Tigray	12,716	6,953	-	8,861	-
Eastern Tigray	8,885	15,215	-	1,326	-
Southern Tigray	1,233	480	-	125	-
Western Tigray	13,572	3,379	-	2,489	-
Debub Misrak	12,027	6,922	-	7,252	-
Afar	27	18,576	-	-	-
Zone_1 (Awsiresu)	-	8,350	-	-	-
Zone_2 (Kelbetiresu)	-	9,172	-	-	-
Zone_3 (Gebiresu)	27	763	-	-	-
Zone_4 (Fentiresu)	-	290	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
Amhara	225,715	218,733	6	25,646	2,561
Semen Gonder	8,604	11,857	-	381	-
Debub Gonder	50,907	11,127	-	1,480	613
Semen Wello	1,827	7,371	-	-	-
Debub Wello	1,372	13,929	-	817	-
Semen Shewa	25,967	93,600	-	3,863	-
Misrak Gojjam	8,648	11,717	-	-	1,187
Mirab Gojjam	54,357	41,085	-	4,399	633
Waghimra	1,734	264	-	-	119
Awi	2,731	1,696	-	305	-
Oromiya Liyu Zone	1,020	1,424	-	170	-
Maekelawi Gonder	66,671	22,897	6	13,562	10
Mirab Gonder	1,877	1,767	-	669	-
Oromia	200,995	572,911	4,807	45,219	2,056
Mirab Wollega	11,336	14,840	-	965	-
Misrak Wollega	2,801	3,390	-	-	198
Ilu Ababor	19,985	1,774	-	3,929	-
Jimma	26,136	2,110	-	-	-
Mirab Shewa	4,300	16,610	-	12,848	584
Semen Shewa	7,850	59,328	434	5,588	-
Misrak Shewa	9,333	72,540	319	1,292	-
Arsi	11,847	90,382	-	10,526	-
Mirab Hararghe	11,843	63,110	-	981	-
Mierak Hararge	21,517	94,389	-	2,851	659
Bale	7,668	25,872	-	413	-
Borena	257	5,270	282	-	-
Debub Mirab Shewa	9,400	17,861	414	-	-
Guji	3,622	2,943	1,591	-	-
Mirab Guji	12,313	7,551	-	-	-
Oromiya Liyu Zone	3,204	57,598	567	1,392	615
Mirab Arsi	26,046	36,106	1,038	4,320	-
Kelem Wollega	1,805	-	-	-	-
Horo Guduru Wollega	4,939	-	163	-	-
Buno Bedele	4,794	1,238	-	116	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	1,545	4,636	381	317	-
Siti	1,361	256	148	317	-
Fafan	73	-	-	-	-
Jerer	-	-	104	-	-
Erer	-	-	-	-	-
Korahe	-	-	-	-	-
Shebele	-	131	-	-	-
Dollo	-	-	-	-	-
Afder	-	-	-	-	-
Liben	-	2,191	-	-	-
Nogob	-	-	-	-	-
Dawa	111	2,058	128	-	-
Benshangul-Gumuz	10,170	480	199	-	1,072
Metekel	2,107	294	-	-	-
Asosa	6,211	186	199	-	881
Kemeshi	1,526	-	-	-	191
Mao Komo	327	-	-	-	-
SNNP	123,876	252,658	1,045	19,177	229
Gurage	9,297	24,572	-	1,753	-
Hadiya	8,537	21,365	-	1,599	-
Kembata Tembaro	17,911	39,156	-	501	229
Sidama	15,117	77,806	-	4,496	-
Gedeo	2,134	4,201	-	-	-
Welayta	13,010	51,820	-	1,495	-
Debub Omo	1,490	3,513	-	153	-
Sheka	1,192	231	-	-	-
Kefa	2,903	-	-	-	-
Gamo Gofa	11,452	7,325	961	955	-
Bench Maji	7,287	1,104	-	198	-
Yem Liyu	139	-	-	-	-
Segen Akababi Hizboch	13,130	3,380	-	651	-
Alaba Special	3,004	4,071	-	228	-
Dawro	12,330	4,656	84	6,079	-
Basketo Special	482	858	-	43	-
Konta Liyu	2,580	773	-	1,024	-
Silite	1,880	7,827	-	-	-
Gambela region	-	-	-	-	-
Agnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	2,259	8,374	-	176	-
Harari	2,259	8,374	-	176	-
DirDawaAstedader	491	12,055	-	313	-
Dire Dawa	491	12,055	-	313	-

TABLE 3 – 30: ESTIMATED NUMBER OF HOLDERS PRACTICED LIVESTOCK EXTENSION PACKAGES DURING THE REFERENCE PERIOD BY ZONE AND REGION (table is not produced)

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	Other Package
Ethiopia	161,281	55,179	314,514	16,048	27,067	31,534
Tigray	16,663	3,330	63,507	5,931	1,630	4,899
North West Tigray	6,110	627	7,906	3,488	-	1,894
Central Tigray	2,937	415	15,778	411	1,338	1,644
Eastern Tigray	2,865	760	25,396	1,704	292	289
Southern Tigray	992	395	4,484	195	-	204
Western Tigray	-	-	2,247	133	-	-
Debub Misrak	3,758	1,133	7,697	-	-	868
Afar	-	-	319	-	-	-
Zone_1 (Awsiresu)	-	-	289	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	30	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-
Amhara	17,700	20,643	101,669	6,088	5,010	9,719
Semen Gonder	362	717	5,711	-	-	401
Debub Gonder	1,415	693	2,446	693	-	1,144
Semen Wello	865	869	9,090	542	-	-
Debub Wello	2,997	2,992	4,254	794	7	-
Semen Shewa	3,747	4,589	38,778	-	1,279	3,563
Misrak Gojjam	3,149	4,569	11,381	1,057	1,841	3,715
Mirab Gojjam	1,567	4,127	9,163	2,003	646	496
Waghimra	-	-	-	-	-	-
Awi	1,858	2,075	1,326	999	1,192	365
Oromiya Liyu Zone	-	-	119	-	-	-
Maekelawi Gonder	774	13	19,308	-	45	34
Mirab Gonder	967	-	92	-	-	-
Oromiya	69,128	26,591	113,705	3,833	16,250	11,288
Mirab Wollega	659	989	28,445	-	1,048	1,978
Misrak Wollega	293	1,189	295	-	-	-
Ilu Ababor	-	-	16,263	324	-	-
Jimma	7,957	2,510	17,834	-	2,035	3,296
Mirab Shewa	7,532	3,514	8,861	-	571	-
Semen Shewa	6,910	1,713	5,837	421	405	428
Misrak Shewa	3,235	334	-	-	-	-
Arsi	22,387	3,725	7,985	798	-	-
Mirab Hararghe	1,068	3,723	4,578	-	-	1,016
Mierak Hararge	-	1,339	3,027	-	586	-
Bale	401	401	826	-	-	-
Borena	1,240	124	746	-	2,727	98
Debub Mirab Shewa	2,376	1,541	1,599	-	1,173	-
Guji	-	-	-	-	781	2,344
Mirab Guji	-	-	2,117	-	522	-
Oromiya Liyu Zone	1,790	3,999	603	702	5,318	366
Mirab Arsi	12,806	1,011	2,870	-	496	1,512
Kelem Wollega	-	-	8,237	1,587	-	-
Horo Guduru Wollega	474	-	1,325	-	465	-
Buno Bedele	-	479	2,258	-	123	249

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		73	-	-	-	336
Siti	-	-	-	-	-	-
Fafan	-	73	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	112
Korahe	-	-	-	-	-	224
Shebele	-	-	-	-	-	-
Dollo	-	-	-	-	-	-
Afder	-	-	-	-	-	-
Liben	-	-	-	-	-	-
Nogob	-	-	-	-	-	-
Dawa	-	-	-	-	-	-
Benshangul-Gumuz		123	3,446	-	-	123
Metekel	-	-	436	-	-	-
Asosa	-	123	2,231	-	-	123
Kemeshi	-	-	626	-	-	-
Mao Komo	-	-	153	-	-	-
SNNP	58,326	3,756	30,259	92	3,811	4,950
Gurage	1,186	-	392	-	-	-
Hadiya	-	-	-	-	-	-
Kembata Tembaro	1,177	-	2,385	-	244	-
Sidama	47,317	1,550	3,135	-	2,177	1,550
Gedeo	544	-	224	-	-	261
Welayta	1,371	-	4,346	-	-	-
Debub Omo	1,693	319	2,694	-	-	650
Sheka	290	-	-	-	-	97
Kefa	-	-	4,347	-	-	-
Gamo Gofa	955	-	2,324	-	-	2,061
Bench Maji	167	190	2,371	-	-	-
Yem Liyu	62	32	535	35	35	-
Segen Akababi Hizboch	624	228	2,580	-	647	228
Alaba Special	513	-	612	-	-	105
Dawro	1,182	461	2,077	-	115	-
Basketo Special	923	977	294	-	594	-
Konta Liyu	-	-	1,052	57	-	-
Silite	321	-	891	-	-	-
Gambela region		-	-	-	-	-
Agnuwak	-	-	-	-	-	-
Nware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari		551	-	102	184	-
Harari	-	551	-	102	184	-
DirDawaAstedader	-	-	491	-	69	69
Dire Dawa	-	-	491	-	69	69

**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

Geographic Area	Cattles			Sheep			Goats			Horses			Mules		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	65,354,090	1,582,978	2.42	39,894,394	1,193,556	2.99	50,501,672	1,824,478	3.61	2,111,134	121,385	5.75	357,603	24,472	6.84
Tigray	4,908,964	238,593	4.86	2,097,619	194,445	9.27	4,838,969	415,654	8.59	2,558	1,132	44.24	8,078	2,520	31.20
North West Tigray	1,954,132	206,852	10.59	410,846	112,440	27.37	2,357,427	365,439	15.5	-	-	-	1,389	1,386	99.76
Central Tigray	725,700	56,465	7.78	549,192	119,667	21.79	1,110,054	141,538	12.75	-	-	-	1,816	1,381	76.08
Eastern Tigray	466,981	32,781	7.02	614,973	71,873	11.69	194,578	46,025	23.65	859	641	74.60	-	-	-
Southern Tigray	390,934	24,322	6.22	186,475	30,641	16.43	161,672	27,086	16.75	138	137	99.26	3,808	1,498	39.34
Western Tigray	847,546	90,546	10.68	101,390	46,269	45.63	679,188	116,669	17.18	1,115	807	72.40	484	342	70.63
Debub Misrak	523,671	32,955	6.29	234,743	50,995	21.72	336,050	52,209	15.54	447	447	100.00	581	404	69.50
Afar	1,952,394	262,582	13.45	4,040,176	470,241	11.64	8,531,082	769,270	9.02	82	80	98.40	187	183	98.32
Zone_1 (Awsiresu)	956,514	229,179	23.96	2,097,665	407,008	19.4	3,684,850	513,582	13.94	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	60,423	27,451	45.43	261,082	74,843	28.67	1,631,277	397,346	24.36	-	-	-	187	183	98.32
Zone_3 (Gebiresu)	581,902	100,795	17.32	1,036,987	200,059	19.29	1,665,529	324,709	19.5	82	80	98.40	-	-	-
Zone_4 (Fentiresu)	74,664	24,694	33.07	274,330	45,960	16.75	566,703	87,774	15.49	-	-	-	-	-	-
Zone_5 (Hariresu)	278,891	70,022	25.11	370,112	87,942	23.76	982,724	238,715	24.29	-	-	-	-	-	-
Amhara	16,318,446	594,777	3.64	10,386,223	573,405	5.52	6,883,316	462,005	6.71	461,620	56,450	12.23	184,657	19,140	10.37
Semen Gonder	747,139	75,467	10.1	526,668	70,001	13.29	604,411	109,553	18.13	39,178	13,066	33.35	10,768	2,519	23.39
Debub Gonder	1,843,223	119,882	6.5	1,200,590	136,848	11.4	841,006	183,237	21.79	36,871	17,854	48.42	24,147	7,493	31.03
Semen Wello	912,162	52,470	5.75	1,050,831	166,888	15.88	564,572	102,027	18.07	41,668	16,115	38.68	15,962	4,451	27.88
Debub Wello	1,846,140	184,067	9.97	1,444,391	262,619	18.18	1,342,100	237,633	17.71	26,728	9,990	37.38	21,795	6,739	30.92
Semen Shewa	1,540,426	136,664	8.87	1,917,701	320,342	16.7	820,701	115,168	14.03	104,713	29,739	28.40	5,548	2,310	41.63
Misrak Gojjam	2,107,345	254,618	12.08	1,159,848	146,697	12.65	237,881	72,675	30.55	82,565	21,960	26.60	21,449	9,457	44.09
Mirab Gojjam	2,515,806	299,018	11.89	1,361,456	214,908	15.79	222,911	74,645	33.49	26,814	13,914	51.89	57,635	11,106	19.27
Waghimra	408,352	41,348	10.13	222,089	40,829	18.38	595,054	113,409	19.06	-	-	-	1,926	688	35.70
Awi	1,190,654	154,269	12.96	491,824	60,467	12.29	271,727	187,576	69.03	80,808	25,232	31.22	18,325	3,712	20.26
Oromiya Liyu Zone	311,616	32,494	10.43	84,053	20,355	24.22	174,801	39,592	22.65	-	-	-	204	205	100.10
Maekelawi Gonder	2,541,249	310,664	12.22	896,911	179,423	20	1,017,533	162,744	15.99	22,274	11,863	53.26	6,844	2,496	36.47
Mirab Gonder	354,335	32,597	9.2	29,863	9,535	31.93	190,617	27,857	14.61	-	-	-	54	53	98.53
Oromiya	25,031,068	579,382	2.31	9,260,493	384,032	4.15	7,526,644	387,741	5.15	1,324,903	102,594	7.74	108,356	13,511	12.47
Mirab Wollega	1,126,465	127,681	11.33	358,091	30,724	8.58	111,144	46,736	42.05	2,123	1,253	59.05	2,196	1,278	58.19
Misrak Wollega	1,008,968	110,479	10.95	274,629	39,207	14.28	189,644	34,087	17.97	4,437	4,388	98.90	4,030	1,414	35.10
Ilu Ababor	902,072	81,946	9.08	291,053	30,717	10.55	116,661	22,506	19.29	47,772	14,891	31.17	4,815	1,496	31.06
Jimma	2,369,307	160,358	6.77	750,487	84,970	11.32	515,513	95,780	18.58	63,567	15,712	24.72	22,291	5,970	26.78
Mirab Shewa	2,202,544	180,720	8.21	1,048,490	133,298	12.71	313,569	66,552	21.22	264,969	45,050	17.00	7,143	3,347	46.87
Semen Shewa	1,267,893	82,976	6.54	931,885	142,288	15.27	183,952	39,999	21.74	76,136	20,554	27.00	962	668	69.48
Misrak Shewa	1,054,035	90,553	8.59	430,503	63,234	14.69	351,586	63,574	18.08	10,725	1,859	17.33	4,516	1,926	42.66
Geographic Area	Cattle			Sheep			Goat			Horses			Mules		

	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	2,857,751	228,314	7.99	1,291,568	196,656	15.23	746,463	187,554	25.13	255,478	51,586	20.19	28,275	9,686	34.25
Mirab Hararghe	1,081,736	84,482	7.81	137,090	24,195	17.65	931,849	143,249	15.37	1,599	1,152	72.02	494	494	100.01
Mierak Hararge	1,118,552	73,398	6.56	309,696	50,991	16.46	1,078,685	90,480	8.39	-	-	-	-	-	-
Bale	1,661,218	114,996	6.92	314,590	68,634	21.82	1,024,220	198,468	19.38	65,910	20,638	31.31	12,801	3,832	29.94
Borena	789,453	119,196	15.1	343,607	69,378	20.19	589,024	68,215	11.58	1,125	540	47.95	721	421	58.37
Debub Mirab Shewa	1,113,433	80,059	7.19	261,186	41,443	15.87	281,224	44,060	15.67	65,339	14,254	21.82	4,845	1,712	35.34
Guji	1,393,394	176,294	12.65	430,676	84,045	19.51	301,541	95,181	31.56	123,436	37,094	30.05	1,840	1,524	82.85
Mirab Guji	443,377	102,129	23.03	207,162	33,877	16.35	98,980	45,867	46.34	37,343	13,916	37.27	4,013	2,023	50.42
Oromiya Liyu Zone	858,742	73,076	8.51	451,246	57,713	12.79	65,125	23,778	36.51	38,802	7,443	19.18	3,893	1,787	45.91
Mirab Arsi	2,095,572	262,650	12.53	875,734	158,177	18.06	239,651	58,369	24.36	227,798	50,370	22.11	2,058	1,652	80.27
Kelem Wollega	566,943	73,293	12.93	273,725	61,578	22.5	120,443	27,716	23.01	-	-	-	-	-	-
Horo Guduru Wollega	681,928	83,097	12.19	162,022	33,357	20.59	172,992	37,051	21.42	26,508	10,760	40.59	2,896	1,192	41.14
Buno Bedele	437,688	19,906	4.55	117,052	16,009	13.68	94,377	10,125	10.73	11,836	3,285	27.75	568	270	47.48
Somale	3,646,940	217,760	5.97	9,188,394	524,996	5.71	17,001,672	976,242	5.74	-	-	-	529	193	36.41
Siti	37,066	9,581	25.85	52,005	13,222	25.42	327,191	41,260	12.61	-	-	-	-	-	-
Fafan	451,605	46,244	10.24	1,185,676	181,834	15.34	644,107	101,815	15.81	-	-	-	268	193	71.88
Jerer	212,702	45,304	21.3	2,819,667	389,844	13.83	3,694,723	501,983	13.59	-	-	-	-	-	-
Erer	498,067	-	-	570,443	-	-	857,412	-	-	-	-	-	-	-	-
Korahe	247,875	-	-	532,596	-	-	706,993	-	-	-	-	-	-	-	-
Shebele	576,920	-	-	506,011	-	-	1,183,341	-	-	-	-	-	261	-	-
Dollo	38,528	-	-	494,221	-	-	839,151	-	-	-	-	-	-	-	-
Afder	565,091	108,404	19.18	1,357,775	200,881	14.79	3,464,101	442,025	12.76	-	-	-	-	-	-
Liben	836,684	173,941	20.79	1,481,987	220,302	14.87	4,767,845	692,991	14.53	-	-	-	-	-	-
Nogob	30,212	-	-	39,372	-	-	61,231	-	-	-	-	-	-	-	-
Dawa	152,190	33,611	22.08	148,643	38,960	26.21	455,578	115,638	25.38	-	-	-	-	-	-
Benshangul-Gumuz	626,537	71,991	11.49	72,284	16,892	23.37	404,015	53,899	13.34	2,604	1,407	54.03	2,705	759	28.07
Metekel	73,394	21,099	28.75	14,347	3,214	22.4	179,652	41,299	22.99	-	-	-	-	-	-
Asosa	506,829	68,236	13.46	45,544	16,393	35.99	137,121	30,252	22.06	2,604	1,407	54.03	2,670	759	28.42
Kemeshi	37,343	8,933	23.92	5,396	2,235	41.42	76,119	16,781	22.05	-	-	-	-	-	-
Mao Komo	8,970	1,224	13.65	6,997	1,136	16.24	11,123	1,643	14.77	-	-	-	35	25	70.60
SNNP	12,404,963	1,279,240	10.31	4,735,604	642,829	13.57	4,819,573	1,114,612	23.13	318,654	31,921	10.02	52,679	6,548	12.43
Gurage	1,000,600	55,705	5.57	308,849	61,500	19.91	113,947	24,260	21.29	46,222	14,141	30.59	2,988	1,035	34.63
Hadiya	950,388	39,373	4.14	206,732	30,540	14.77	218,039	27,964	12.83	25,241	7,926	31.40	4,605	1,786	38.79
Kembata Tembaro	399,307	17,645	4.42	56,441	10,662	18.89	71,433	11,166	15.63	4,587	1,834	39.99	495	344	69.53
Sidama	2,344,218	188,030	8.02	475,776	89,271	18.76	323,200	102,189	31.62	24,292	10,616	43.70	2,298	1,606	69.88
Gedeo	125,907	25,390	20.17	237,991	44,180	18.56	7,805	3,255	41.7	25,986	8,454	32.53	1,970	965	48.99
Welayta	896,032	57,888	6.46	186,805	21,484	11.5	202,686	46,494	22.94	484	484	99.95	2,334	1,757	75.25
Debub Omo	1,932,979	1,249,098	64.62	1,092,104	606,357	55.52	2,127,432	1,096,813	51.56	9,961	2,755	27.65	2,591	816	31.48

Geographic Area	Cattle			Sheep			Goat			Horses			Mules		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	150,250	23,801	15.84	65,770	14,675	22.31	15,782	4,447	28.18	9,411	2,382	25.31	1,580	856	54.18
Kefa	1,008,165	75,380	7.48	572,188	63,663	11.13	208,430	21,241	10.19	70,625	13,225	18.73	11,066	2,636	23.82
Gamo Gofa	1,403,050	125,763	8.96	502,720	123,523	24.57	460,207	96,230	20.91	45,709	14,476	31.67	11,773	3,999	33.97
Bench Maji	355,831	39,422	11.08	190,148	23,953	12.6	112,380	20,030	17.82	9,148	2,069	22.62	2,698	1,800	66.70
Yem Liyu	78,228	27,479	35.13	17,284	4,032	23.33	43,314	15,231	35.16	372	130	34.96	196	105	53.52
Segen Akababi Hizboch	457,273	75,754	16.57	301,515	86,091	28.55	491,133	117,621	23.95	1,859	1,197	64.37	1,247	846	67.80
Alaba Special	187,136	15,186	8.11	63,597	8,949	14.07	97,461	13,888	14.25	1,155	646	55.96	-	-	-
Dawro	334,971	18,105	5.41	61,029	11,982	19.63	69,716	10,919	15.66	2,823	1,138	40.32	4,155	1,536	36.96
Basketo Special	53,387	5,723	10.72	18,239	3,191	17.5	11,708	3,466	29.61	139	103	74.62	335	120	35.71
Konta Liyu	114,682	9,182	8.01	18,712	4,326	23.12	27,395	4,251	15.52	930	372	39.95	860	675	78.49
Silite	612,561	33,254	5.43	359,705	50,671	14.09	217,502	26,671	12.26	39,712	12,771	32.16	1,488	877	58.92
Gambela region	327,801	36,142	11.03	43,903	11,848	26.99	134,206	27,461	20.46	714	368	51.52	414	309	74.59
Agnuwak	6,671	2,149	32.22	568	350	61.57	6,226	1,262	20.27	-	-	-	-	-	-
Nuware	279,414	35,294	12.63	26,393	11,062	41.91	110,049	27,269	24.78	-	-	-	-	-	-
Mezhenger	16,679	3,031	18.17	13,255	3,668	27.67	5,877	1,831	31.15	714	368	51.52	414	309	74.59
Itang Special	25,038	6,838	27.31	3,686	2,106	57.14	12,054	2,359	19.57	-	-	-	-	-	-
Harari	69,615	8,382	12.04	4,236	1,283	30.29	103,567	11,308	10.92	-	-	-	-	-	-
Harari	69,615	8,382	12.04	4,236	1,283	30.29	103,567	11,308	10.92	-	-	-	-	-	-
DirDawaAstedader	67,364	8,053	11.95	65,462	9,413	14.38	258,629	34,471	13.33	-	-	-	-	-	-
Dire Dawa	67,364	8,053	11.95	65,462	9,413	14.38	258,629	34,471	13.33	-	-	-	-	-	-

Geographic Area	Donkies			Camels			Poultries			Beehives		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	9,987,762	192,060	1.92	7,702,493	689,553	8.95	48,955,675	1,010,638	2.06	6,958,004	465,761	6.69
Tigray	901,002	42,195	4.68	46,436	9,574	20.62	6,317,518	358,646	5.68	343,243	40,930	11.92
North West Tigray	268,072	31,529	11.76	18,423	6,257	33.96	2,416,962	288,182	11.92	84,520	29,230	34.58
Central Tigray	179,470	18,479	10.30	11,345	4,646	40.95	1,226,139	122,474	9.99	74,152	15,126	20.40
Eastern Tigray	146,425	11,128	7.60	-	-	-	837,439	90,741	10.84	78,612	19,526	24.84
Southern Tigray	70,266	8,643	12.30	7,214	3,731	51.71	352,624	33,121	9.39	27,759	7,294	26.28
Western Tigray	72,760	9,132	12.55	6,603	3,009	45.58	830,957	128,303	15.44	38,516	10,124	26.28
Debub Misrak	164,009	12,766	7.78	2,851	2,823	98.99	653,397	69,178	10.59	39,684	7,421	18.70
Afar	317,065	45,463	14.34	1,162,311	191,947	16.51	92,941	32,217	34.66	35,216	10,967	31.14
Zone_1 (Awsiresu)	131,122	41,822	31.90	468,623	152,330	32.51	2,172	1,532	70.50	-	-	-
Zone_2 (Kelbetiresu)	61,328	5,412	8.82	146,511	44,294	30.23	8,748	4,411	50.43	34,447	10,953	31.80
Zone_3 (Gebiresu)	66,580	14,133	21.23	347,177	97,867	28.19	39,245	17,545	44.71	769	542	70.52
Zone_4 (Fentiresu)	18,227	3,394	18.62	49,206	15,410	31.32	686	463	67.51	-	-	-
Zone_5 (Hariresu)	39,808	8,790	22.08	150,794	43,147	28.61	42,090	26,610	63.22	-	-	-
Amhara	3,435,729	127,353	3.71	49,467	14,031	28.36	16,827,119	756,642	4.50	1,353,537	81,714	6.04
Semen Gonder	170,950	16,458	9.63	-	-	-	1,436,676	153,516	10.69	85,931	15,222	17.71
Debub Gonder	390,254	36,693	9.40	-	-	-	1,749,428	216,459	12.37	183,379	32,384	17.66
Semen Wello	276,042	21,660	7.85	20,430	11,670	57.12	1,205,943	123,994	10.28	64,237	12,359	19.24
Debub Wello	582,451	60,485	10.38	4,552	3,128	68.71	1,683,956	206,791	12.28	172,364	29,846	17.32
Semen Shewa	568,261	51,115	8.99	12,764	5,565	43.60	1,578,906	109,032	6.91	82,641	14,387	17.41
Misrak Gojjam	400,113	46,097	11.52	-	-	-	1,056,961	136,100	12.88	110,204	18,337	16.64
Mirab Gojjam	370,073	54,413	14.70	-	-	-	2,616,075	393,747	15.05	252,130	40,565	16.09
Waghimra	124,121	9,112	7.34	-	-	-	440,687	55,432	12.58	130,771	27,182	20.79
Awi	86,535	17,114	19.78	-	-	-	1,189,280	198,250	16.67	93,668	21,816	23.29
Oromiya Liyu Zone	44,834	6,292	14.03	11,273	4,455	39.52	245,513	33,719	13.73	13,985	9,666	69.11
Maekelawi Gonder	392,546	48,490	12.35	-	-	-	3,310,498	461,000	13.93	138,781	28,498	20.53
Mirab Gonder	29,549	2,964	10.03	449	258	57.50	313,197	49,671	15.86	25,446	6,640	26.09
Oromiya	3,640,642	116,764	3.21	294,331	63,189	21.47	16,668,657	478,578	2.87	3,782,186	437,522	11.57
Mirab Wollega	163,492	19,666	12.03	-	-	-	1,139,366	121,529	10.67	493,849	133,151	26.96
Misrak Wollega	121,636	11,626	9.56	-	-	-	770,250	95,989	12.46	172,194	38,300	22.24
Ilu Ababor	42,853	7,512	17.53	-	-	-	824,610	82,407	9.99	694,628	290,689	41.85
Jimma	179,228	29,262	16.33	-	-	-	1,868,113	195,997	10.49	647,294	226,173	34.94
Mirab Shewa	237,825	32,555	13.69	-	-	-	1,273,221	117,216	9.21	145,007	26,463	18.25
Semen Shewa	302,663	20,545	6.79	-	-	-	745,159	77,105	10.35	51,761	13,659	26.39
Misrak Shewa	275,713	23,979	8.70	39,032	35,467	90.86	701,129	65,507	9.34	9,196	4,350	47.30

Geographic Area	Donkies			Camels			Poultries			Beehives		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	580,221	62,385	10.75	1,179	1,179	99.97	1,460,723	170,894	11.70	92,075	27,564	29.94
Mirab Hararghe	232,898	23,244	9.98	26,977	14,912	55.28	984,844	113,475	11.52	59,494	12,673	21.30
Mierak Hararge	257,223	31,588	12.28	3,457	2,226	64.41	1,478,465	141,239	9.55	54,796	12,615	23.02
Bale	280,712	28,527	10.16	123,113	42,507	34.53	681,585	100,450	14.74	432,151	145,186	33.60
Borena	63,225	14,019	22.17	88,066	23,330	26.49	161,860	34,486	21.31	11,862	3,520	29.68
Debub Mirab Shewa	171,433	22,031	12.85	-	-	-	715,839	64,151	8.96	62,791	10,786	17.18
Guji	76,531	19,134	25.00	12,508	12,456	99.59	823,798	130,958	15.90	258,829	65,165	25.18
Mirab Guji	24,239	6,482	26.74	-	-	-	365,769	71,221	19.47	92,766	27,327	29.46
Oromiya Liyu Zone	179,055	19,269	10.76	-	-	-	506,371	39,222	7.75	42,777	22,954	53.66
Mirab Arsi	257,659	40,336	15.65	-	-	-	731,044	100,553	13.75	34,518	13,904	40.28
Kelem Wollega	67,504	24,941	36.95	-	-	-	744,096	145,062	19.49	160,466	53,077	33.08
Horo Guduru Wollega	101,067	12,880	12.74	-	-	-	442,035	52,924	11.97	165,354	66,644	40.30
Buno Bedele	25,465	4,725	18.55	-	-	-	250,379	27,059	10.81	100,378	20,246	20.17
Somale	772,584	38,854	5.03	6,132,352	659,036	10.75	354,264	53,608	15.13	76,925	38,968	50.66
Siti	17,022	2,797	16.43	13,711	4,234	30.88	6,286	1,646	26.18	34	34	97.57
Fafan	79,373	6,492	8.18	278,339	63,458	22.80	17,497	7,102	40.59	676	391	57.80
Jerer	54,489	6,001	11.01	1,789,314	356,706	19.94	-	-	-	-	-	-
Erer	43,197	-	-	602,151	-	-	1,911	-	-	5,712	-	-
Korahe	28,621	-	-	379,471	-	-	1,265	-	-	-	-	-
Shebele	61,099	-	-	230,168	-	-	8,617	-	-	-	-	-
Dollo	1,397	-	-	373,170	-	-	-	-	-	-	-	-
Afder	182,942	16,849	9.21	680,613	151,591	22.27	93,723	37,560	40.08	2,765	1,822	65.87
Liben	279,496	33,516	11.99	1,497,787	521,617	34.83	199,832	35,888	17.96	60,590	38,759	63.97
Nogob	2,370	-	-	56,596	-	-	-	-	-	-	-	-
Dawa	22,577	4,053	17.95	231,033	89,328	38.66	25,134	11,044	43.94	7,148	3,570	49.95
Benshangul-Gumuz	62,584	7,498	11.98	-	-	-	884,660	75,555	8.54	153,781	31,405	20.42
Metekel	21,108	3,217	15.24	-	-	-	335,981	45,229	13.46	40,438	15,428	38.15
Asosa	32,924	6,236	18.94	-	-	-	359,765	47,998	13.34	47,964	16,561	34.53
Kemeshi	7,474	2,637	35.28	-	-	-	157,191	36,725	23.36	31,364	20,831	66.42
Mao Komo	1,078	175	16.24	-	-	-	31,723	3,202	10.09	34,015	6,329	18.61
SNNP	818,595	40,010	4.89	-	-	-	7,347,205	284,272	3.87	1,155,017	119,410	10.34
Gurage	122,201	17,530	14.35	-	-	-	473,360	44,169	9.33	44,723	10,876	24.32
Hadiya	171,007	13,987	8.18	-	-	-	724,972	76,202	10.51	100,308	30,279	30.19
Kembata Tembaro	54,961	7,488	13.63	-	-	-	243,969	26,329	10.79	36,616	6,915	18.88
Sidama	69,612	18,483	26.55	-	-	-	1,370,350	197,858	14.44	41,953	24,124	57.50
Gedeo	3,068	1,249	40.72	-	-	-	135,324	19,009	14.05	40,041	12,120	30.27
Welayta	47,540	7,862	16.54	-	-	-	573,468	59,644	10.40	48,195	16,389	34.00
Debub Omo	21,910	6,856	31.29	-	-	-	347,078	63,805	18.38	123,463	42,587	34.49

Geographic Area	Donkies			Camels			Poultries			Beehives		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	1,892	856	45.25	-	-	-	120,384	13,893	11.54	148,467	55,636	37.47
Kefa	8,645	4,592	53.12	-	-	-	817,397	76,453	9.35	223,018	66,268	29.71
Gamo Gofa	53,180	12,670	23.83	-	-	-	727,024	85,014	11.69	79,975	22,550	28.20
Bench Maji	1,935	667	34.48	-	-	-	361,868	67,157	18.56	71,137	37,695	52.99
Yem Liyu	5,357	1,610	30.05	-	-	-	52,069	23,710	45.54	36,200	22,258	61.49
Segen Akababi Hizboch	41,117	8,370	20.36	-	-	-	479,713	61,864	12.90	50,007	14,968	29.93
Alaba Special	54,358	3,675	6.76	-	-	-	144,927	15,091	10.41	14,066	2,499	17.77
Dawro	4,870	1,037	21.29	-	-	-	183,555	26,210	14.28	31,913	10,638	33.33
Basketo Special	1,065	292	27.37	-	-	-	37,335	5,013	13.43	7,526	2,192	29.13
Konta Liyu	801	303	37.84	-	-	-	85,110	8,750	10.28	14,909	6,473	43.42
Silite	155,075	17,877	11.53	-	-	-	469,301	45,177	9.63	42,497	7,935	18.67
Gambela region	209	127	61.00	-	-	-	229,151	18,134	7.91	48,337	16,197	33.51
Agnuwak	209	127	61.00	-	-	-	26,328	5,095	19.35	5,331	4,078	76.49
Nuware	-	-	-	-	-	-	107,672	12,082	11.22	-	-	-
Mezhenger	-	-	-	-	-	-	61,652	11,797	19.13	43,005	15,675	36.45
Itang Special	-	-	-	-	-	-	33,499	4,210	12.57	-	-	-
Harari	14,649	2,795	19.08	735	724	98.59	104,585	17,426	16.66	4,408	1,259	28.57
Harari	14,649	2,795	19.08	735	724	98.59	104,585	17,426	16.66	4,408	1,259	28.57
DirDawaAstedader	24,702	3,554	14.39	16,862	5,434	32.22	129,575	12,376	9.55	5,354	2,856	53.34
Dire Dawa	24,702	3,554	14.39	16,862	5,434	32.22	129,575	12,376	9.55	5,354	2,856	53.34

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	2,884,118	68,707	2.38	2,565,321	74,475	2.90	4,917,116	136,898	2.78	17,193,663	475,895	2.77	1,259,722	92,985	7.38
Tigray	207,378	16,810	8.11	137,749	12,983	9.43	318,496	26,410	8.29	1,552,068	68,717	4.43	133,248	19,613	14.72
North West Tigray	98,085	14,252	14.53	50,684	10,824	21.36	122,574	21,989	17.94	604,514	59,080	9.77	26,624	6,718	25.23
Central Tigray	21,532	4,938	22.93	14,018	3,189	22.75	39,375	4,869	12.37	287,423	23,555	8.20	39,863	14,013	35.15
Eastern Tigray	16,078	2,780	17.29	13,012	1,909	14.67	37,705	4,301	11.41	157,326	11,683	7.43	16,608	6,488	39.07
Southern Tigray	16,173	2,859	17.68	13,225	2,028	15.33	26,890	3,950	14.69	135,503	6,997	5.16	6,595	2,374	36.00
Western Tigray	39,335	5,446	13.85	31,497	4,611	14.64	64,156	11,808	18.40	159,232	14,729	9.25	10,378	2,345	22.60
Debub Misrak	16,175	3,089	19.09	15,313	3,496	22.83	27,795	4,096	14.73	208,070	16,565	7.96	33,181	9,484	28.58
Afar	140,584	19,954	14.19	81,040	14,860	18.34	83,980	17,485	20.82	164,356	26,250	15.97	9,691	2,971	30.66
Zone_1 (Awsiresu)	64,066	17,388	27.14	36,651	12,737	34.75	46,864	16,317	34.82	73,326	22,682	30.93	6,400	2,787	43.55
Zone_2 (Kelbetiresu)	4,867	2,853	58.62	4,557	2,483	54.49	2,338	1,648	70.49	8,386	2,487	29.65	-	-	-
Zone_3 (Gebiresu)	43,867	7,152	16.30	24,215	5,307	21.92	23,416	5,277	22.53	59,059	10,603	17.95	222	154	69.27
Zone_4 (Fentiresu)	6,086	2,186	35.91	1,976	716	36.24	1,938	633	32.66	1,480	397	26.80	1,348	749	55.60
Zone_5 (Hariresu)	21,698	5,634	25.97	13,640	4,874	35.73	9,424	2,918	30.96	22,105	7,470	33.79	1,722	690	40.05
Amhara	643,495	33,166	5.15	497,796	32,538	6.54	1,265,824	53,204	4.20	5,425,755	190,821	3.52	517,652	59,252	11.45
Semen Gonder	36,398	6,612	18.17	19,371	3,662	18.90	58,454	8,462	14.48	240,410	21,679	9.02	21,814	6,855	31.43
Debub Gonder	90,760	12,088	13.32	54,697	9,676	17.69	141,819	14,516	10.24	601,534	45,305	7.53	48,069	14,887	30.97
Semen Wello	43,646	5,877	13.47	31,233	4,163	13.33	71,703	7,780	10.85	288,420	20,813	7.22	38,057	14,100	37.05
Debub Wello	66,474	9,819	14.77	58,453	10,727	18.35	136,734	20,194	14.77	733,652	78,839	10.75	29,392	12,899	43.89
Semen Shewa	45,469	7,553	16.61	34,510	5,921	17.16	124,433	17,974	14.44	663,948	53,882	8.12	84,835	24,811	29.25
Misrak Gojjam	51,901	9,260	17.84	44,960	11,116	24.72	158,559	18,997	11.98	748,238	81,456	10.89	119,506	30,572	25.58
Mirab Gojjam	81,340	11,528	14.17	75,116	13,663	18.19	196,788	25,581	13.00	830,408	95,053	11.45	80,518	31,243	38.80
Waghimra	21,603	4,681	21.67	9,769	1,941	19.87	30,440	4,447	14.61	126,941	11,409	8.99	8,361	3,348	40.04
Awj	62,911	11,163	17.74	40,711	9,628	23.65	105,885	12,721	12.01	291,488	42,073	14.43	17,984	9,643	53.62
Oromiya Liyu Zone	19,217	3,097	16.12	12,386	2,096	16.92	23,477	3,511	14.96	86,303	9,053	10.49	7,114	1,957	27.50
Maekelawi Gonder	101,642	18,467	18.17	99,189	19,175	19.33	191,672	23,260	12.14	757,328	81,592	10.77	55,277	15,470	27.99
Mirab Gonder	22,132	2,527	11.42	17,402	2,342	13.46	25,860	2,587	10.00	57,086	5,332	9.34	6,725	1,780	26.47
Oromiya	1,030,462	41,942	4.07	1,057,325	43,320	4.10	2,017,257	61,104	3.03	6,849,691	172,403	2.52	486,727	67,341	13.84
Mirab Wollega	39,132	5,601	14.31	41,724	5,888	14.11	89,345	13,320	14.91	286,383	34,644	12.10	9,183	5,829	63.48
Misrak Wollega	45,471	7,786	17.12	44,546	7,314	16.42	87,473	11,877	13.58	279,625	31,355	11.21	4,293	1,605	37.39
Ilu Ababor	35,426	5,932	16.74	42,477	6,088	14.33	81,022	9,352	11.54	199,710	21,468	10.75	4,432	2,055	46.37
Jimma	83,128	11,650	14.01	88,061	10,219	11.60	188,377	18,275	9.70	728,592	62,653	8.60	11,225	4,193	37.36
Mirab Shewa	90,696	12,575	13.87	77,179	11,755	15.23	212,518	20,420	9.61	661,048	49,041	7.42	51,814	20,159	38.91
Semen Shewa	53,151	9,279	17.46	45,008	7,179	15.95	92,636	9,561	10.32	465,041	22,347	4.81	30,268	9,254	30.57
Misrak Shewa	24,391	5,276	21.63	41,263	6,938	16.81	79,429	10,641	13.40	367,757	35,044	9.53	36,762	11,459	31.17

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
Arsi	129,744	19,228	14.82	120,333	18,293	15.20	204,160	24,346	11.92	905,942	83,281	9.19	116,692	43,181	37.00
Mirab Hararghe	53,402	7,032	13.17	49,954	7,784	15.58	95,770	10,845	11.32	258,623	22,459	8.68	11,471	5,736	50.00
Mierak Hararge	59,752	9,121	15.27	54,208	6,642	12.25	150,303	14,222	9.46	138,348	23,473	16.97	-	-	-
Bale	64,972	8,471	13.04	85,518	11,007	12.87	109,163	13,438	12.31	436,069	36,525	8.38	31,744	11,431	36.01
Borena	42,758	9,682	22.64	42,040	7,567	18.00	57,479	11,685	20.33	96,737	14,737	15.23	12,798	5,923	46.28
Debub Mirab Shewa	35,555	6,652	18.71	41,535	6,084	14.65	98,270	10,568	10.75	371,287	33,426	9.00	48,549	10,186	20.98
Guji	58,358	12,105	20.74	58,939	14,075	23.88	101,857	16,625	16.32	332,306	49,642	14.94	17,868	9,587	53.65
Mirab Guji	21,478	6,131	28.55	27,722	11,852	42.75	27,307	5,417	19.84	88,282	27,937	31.65	7,682	4,638	60.38
Oromiya Liyu Zone	27,658	4,470	16.16	32,546	5,009	15.39	64,306	7,095	11.03	280,335	25,249	9.01	22,854	6,136	26.85
Mirab Arsi	98,301	16,246	16.53	98,421	16,474	16.74	151,252	22,393	14.81	445,740	53,543	12.01	57,925	39,018	67.36
Kelem Wollega	21,388	5,053	23.62	21,069	9,776	46.40	35,678	10,740	30.10	192,817	29,230	15.16	-	-	-
Horo Guduru Wollega	22,889	3,636	15.88	23,542	4,272	18.15	52,272	6,980	13.35	204,947	26,366	12.86	10,205	3,461	33.91
Buno Bedele	22,812	2,295	10.06	21,241	2,332	10.98	38,638	3,028	7.84	110,104	7,883	7.16	961	804	83.69
Somale	244,159	15,912	6.52	173,720	11,353	6.53	247,534	13,771	5.56	414,384	24,425	5.89	15,446	3,311	21.44
Siti	4,804	1,343	27.95	1,195	464	38.82	1,857	536	28.86	5,163	1,500	29.06	71	70	98.70
Fafan	32,167	2,928	9.10	14,061	2,686	19.10	37,838	5,368	14.19	76,982	9,522	12.37	406	193	47.48
Jerer	9,927	2,573	25.92	11,040	4,769	43.20	25,475	6,830	26.81	37,868	8,472	22.37	4,675	3,202	68.49
Erer	23,922	-	-	22,253	-	-	28,033	-	-	81,277	-	-	-	-	-
Korahe	17,507	-	-	17,130	-	-	18,985	-	-	23,815	-	-	8,969	-	-
Shebele	43,316	-	-	43,751	-	-	55,291	-	-	45,721	-	-	77	-	-
Dollo	1,391	-	-	2,977	-	-	2,612	-	-	4,969	-	-	47	-	-
Afder	32,575	4,441	13.63	16,530	4,026	24.36	22,327	4,775	21.39	62,355	16,088	25.80	177	179	100.98
Liben	67,678	14,606	21.58	36,971	8,937	24.17	45,303	9,311	20.55	58,628	12,759	21.76	777	775	99.78
Nogob	1,767	-	-	1,795	-	-	1,444	-	-	4,270	-	-	-	-	-
Dawa	9,105	1,771	19.45	6,019	1,621	26.93	8,369	2,095	25.04	13,336	3,207	24.05	247	192	77.56
Benshangul-Gumuz	33,733	5,267	15.61	23,678	3,573	15.09	54,694	8,751	16.00	145,890	15,262	10.46	7,286	2,208	30.31
Metekel	3,605	1,690	46.89	3,387	984	29.05	7,097	2,037	28.70	11,479	3,740	32.58	199	138	69.06
Asosa	27,580	4,947	17.94	17,593	3,332	18.94	42,859	8,437	19.69	125,223	14,558	11.63	6,297	2,083	33.08
Kemeshi	2,299	632	27.50	2,182	821	37.65	3,829	1,106	28.89	6,858	2,626	38.29	726	719	99.05
Mao Komo	250	64	25.62	517	130	25.10	910	164	18.08	2,330	324	13.91	63	41	65.79
SNNP	548,019	29,779	5.43	576,293	45,584	7.91	892,673	104,399	11.70	2,585,074	392,514	15.18	88,033	13,781	15.65
Gurage	46,742	5,848	12.51	55,590	6,486	11.67	65,403	7,136	10.91	151,262	26,197	17.32	3,675	1,886	51.33
Hadiya	43,255	4,903	11.33	41,397	6,312	15.25	53,839	6,493	12.06	233,463	20,650	8.85	10,983	3,632	33.07
Kembata Tembaro	16,202	2,100	12.96	10,319	2,353	22.80	25,974	3,139	12.09	75,507	7,245	9.59	9,670	5,023	51.94
Sidama	131,971	16,684	12.64	136,014	20,313	14.93	153,744	22,458	14.61	153,686	35,953	23.39	6,267	4,475	71.39
Gedeo	3,229	1,133	35.08	4,380	1,769	40.39	16,417	3,831	23.33	37,443	7,836	20.93	785	784	99.98
Welayta	45,781	6,321	13.81	51,197	6,045	11.81	68,917	10,996	15.95	203,653	19,657	9.65	2,382	1,627	68.30
Debub Omo	53,695	18,094	33.70	74,484	37,236	49.99	151,084	98,489	65.19	539,930	384,289	71.17	3,231	2,661	82.37

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
Sheka	6,453	1,152	17.86	9,256	1,663	17.96	15,588	3,174	20.36	28,438	5,463	19.21	234	163	69.93
Kefa	50,840	7,859	15.46	40,924	4,766	11.65	74,407	9,578	12.87	259,326	21,784	8.40	8,969	6,354	70.85
Gamo Gofa	65,781	8,425	12.81	65,705	8,824	13.43	115,988	15,269	13.16	296,197	43,505	14.69	8,091	4,370	54.01
Bench Maji	14,904	2,751	18.46	12,247	2,062	16.84	27,060	5,006	18.50	89,112	15,311	17.18	6,109	3,611	59.11
Yem Liyu	1,285	330	25.69	999	191	19.09	7,240	4,565	63.04	27,833	8,007	28.77	705	570	80.90
Segen Akababi Hizboch	16,259	3,732	22.95	18,381	5,198	28.28	24,072	5,609	23.30	162,540	22,541	13.87	4,865	2,781	57.16
Alaba Special	9,204	1,772	19.25	6,859	1,163	16.95	10,426	1,169	11.22	52,641	5,434	10.32	3,647	1,460	40.03
Dawro	12,512	1,640	13.10	16,395	2,033	12.40	32,048	3,820	11.92	65,432	6,534	9.99	5,722	2,541	44.40
Basketo Special	3,172	526	16.58	3,093	528	17.07	4,599	565	12.29	13,115	2,243	17.11	1,028	390	37.94
Konta Liyu	3,380	545	16.13	4,828	804	16.66	11,247	1,400	12.44	33,221	2,907	8.75	1,117	611	54.72
Silite	23,353	3,887	16.65	24,227	3,254	13.43	34,621	5,063	14.62	162,275	13,934	8.59	10,555	5,279	50.01
Gambela region	27,315	3,389	12.41	11,876	1,231	10.37	21,684	2,427	11.19	38,725	5,209	13.45	52	31	58.89
Agnuwak	355	122	34.42	331	140	42.40	740	317	42.87	2,337	791	33.83	43	29	68.34
Nuware	23,335	3,280	14.06	9,457	1,119	11.83	17,655	2,291	12.97	32,865	5,019	15.27	-	-	-
Mezhenger	1,853	592	31.96	693	219	31.53	1,495	358	23.96	422	187	44.34	-	-	-
Itang Special	1,771	598	33.75	1,395	444	31.83	1,794	644	35.89	3,101	1,133	36.54	9	10	101.22
Harari	4,008	774	19.30	2,932	594	20.26	7,879	1,018	12.92	8,923	1,690	18.94	1,588	1,197	75.40
Harari	4,008	774	19.30	2,932	594	20.26	7,879	1,018	12.92	8,923	1,690	18.94	1,588	1,197	75.40
DirDawaAstedader	4,965	952	19.17	2,912	596	20.45	7,094	1,083	15.26	8,797	1,759	19.99	-	-	-
Dire Dawa	4,965	952	19.17	2,912	596	20.45	7,094	1,083	15.26	8,797	1,759	19.99	-	-	-

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	3,246,038	82,487	2.54	3,043,170	86,228	2.83	6,567,945	185,351	2.82	22,530,000	630,906	2.8	1,146,997	82,498	7.19
Tigray	278,675	22,116	7.94	203,400	18,648	9.17	452,172	31,495	6.97	1,538,778	90,006	5.85	87,001	12,497	14.36
North West Tigray	128,540	18,444	14.35	80,364	13,943	17.35	162,101	21,160	13.05	654,510	82,016	12.53	26,138	7,326	28.03
Central Tigray	29,279	4,861	16.6	20,547	6,078	29.58	63,990	7,180	11.22	195,380	18,929	9.69	14,292	4,775	33.41
Eastern Tigray	20,159	4,700	23.32	16,802	3,013	17.93	39,710	4,554	11.47	142,820	12,252	8.58	6,760	3,386	50.08
Southern Tigray	15,968	3,302	20.68	14,608	2,381	16.3	36,229	3,895	10.75	121,944	9,893	8.11	3,799	1,298	34.16
Western Tigray	63,548	8,714	13.71	52,974	9,193	17.35	113,500	20,916	18.43	293,499	25,478	8.68	19,428	6,329	32.58
Debub Misrak	21,181	4,050	19.12	18,104	4,140	22.87	36,642	4,390	11.98	130,626	10,910	8.35	16,583	5,147	31.04
Afar	190,475	27,088	14.22	125,176	20,105	16.06	176,812	29,799	16.85	929,394	123,673	13.31	50,886	12,936	25.42
Zone_1 (Awsiresu)	97,855	24,197	24.73	62,445	17,378	27.83	89,366	26,284	29.41	458,706	104,975	22.88	20,836	9,598	46.06
Zone_2 (Kelbetiresu)	5,205	3,083	59.23	4,715	2,246	47.64	3,873	2,913	75.22	26,483	10,761	40.64	-	-	-
Zone_3 (Gebiresu)	49,689	9,527	19.17	34,814	8,002	22.99	57,187	12,056	21.08	288,055	53,759	18.66	1,379	742	53.82
Zone_4 (Fentiresu)	9,057	3,047	33.64	5,501	1,356	24.65	6,676	2,258	33.82	28,776	8,475	29.45	11,826	6,656	56.28
Zone_5 (Hariresu)	28,670	6,223	21.71	17,701	5,594	31.6	19,711	6,179	31.34	127,374	34,609	27.17	16,845	5,510	32.71
Amhara	691,575	41,846	6.05	560,210	34,461	6.15	1,457,429	67,719	4.65	4,911,081	203,270	4.14	347,628	41,351	11.9
Semen Gonder	44,663	6,561	14.69	22,791	5,672	24.89	69,709	12,937	18.56	216,270	23,753	10.98	17,258	5,186	30.05
Debub Gonder	70,220	8,210	11.69	61,549	8,703	14.14	153,539	15,531	10.12	576,260	40,647	7.05	44,775	16,749	37.41
Semen Wello	50,880	10,396	20.43	22,841	3,708	16.23	76,333	7,218	9.46	273,929	21,827	7.97	15,121	3,904	25.82
Debub Wello	87,806	12,838	14.62	72,410	10,873	15.02	144,068	20,735	14.39	489,274	52,465	10.72	27,876	10,601	38.03
Semen Shewa	37,934	5,850	15.42	34,210	5,904	17.26	117,901	19,420	16.47	370,857	44,434	11.98	26,329	6,001	22.79
Misrak Gojjam	51,498	7,748	15.04	45,287	9,831	21.71	172,522	22,707	13.16	646,921	94,924	14.67	67,953	23,222	34.17
Mirab Gojjam	76,893	12,495	16.25	82,920	13,218	15.94	245,481	32,139	13.09	801,516	106,281	13.26	44,827	9,969	22.24
Waghimra	20,206	3,669	18.16	13,228	3,555	26.87	39,271	5,829	14.84	131,321	12,740	9.7	7,212	3,019	41.86
Awi	77,750	15,411	19.82	48,389	10,792	22.3	127,890	17,482	13.67	401,500	50,426	12.56	16,146	5,078	31.45
Oromiya Liyu Zone	12,184	1,778	14.59	14,153	2,920	20.63	27,252	4,343	15.94	105,642	14,178	13.42	3,888	1,186	30.51
Maekelawi Gonder	129,899	29,053	22.37	117,841	22,035	18.7	242,726	37,209	15.33	778,704	102,660	13.18	66,969	23,595	35.23
Mirab Gonder	31,642	4,379	13.84	24,591	4,277	17.39	40,737	5,165	12.68	118,887	12,147	10.22	9,272	2,679	28.9
Oromiya	1,137,259	45,949	4.04	1,195,275	48,135	4.03	2,531,950	81,371	3.21	8,249,348	205,857	2.5	475,774	65,531	13.77
Mirab Wollega	36,728	5,631	15.33	44,046	7,363	16.72	130,876	17,553	13.41	425,993	58,988	13.85	23,055	10,315	44.74
Misrak Wollega	34,393	4,693	13.65	43,083	7,172	16.65	99,912	10,993	11	364,795	41,994	11.51	5,377	1,469	27.32
Ilu Ababor	49,133	7,930	16.14	47,184	7,842	16.62	110,618	11,055	9.99	326,192	30,837	9.45	5,879	2,494	42.43
Jimma	89,007	11,927	13.4	114,086	12,620	11.06	224,204	20,233	9.02	822,437	58,836	7.15	20,190	6,794	33.65
Mirab Shewa	94,441	11,894	12.59	79,800	13,083	16.4	205,045	26,570	12.96	680,300	62,204	9.14	49,702	11,233	22.6
Semen Shewa	58,480	7,910	13.53	39,508	6,103	15.45	94,055	10,039	10.67	371,036	34,532	9.31	18,709	3,714	19.85
Misrak Shewa	23,939	4,602	19.22	58,588	10,721	18.3	115,277	14,544	12.62	273,515	27,705	10.13	33,115	17,406	52.56

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
Arsi	128,249	16,141	12.59	114,493	16,239	14.18	254,214	28,885	11.36	790,764	74,492	9.42	93,160	42,165	45.26
Mirab Hararghe	67,470	9,626	14.27	48,115	7,091	14.74	126,079	18,007	14.28	361,722	29,449	8.14	9,129	3,233	35.42
Mierak Hararge	54,825	6,876	12.54	52,160	7,476	14.33	175,183	22,017	12.57	425,011	26,257	6.18	8,761	3,837	43.8
Bale	93,047	11,167	12	101,833	11,437	11.23	138,745	17,546	12.65	574,190	48,109	8.38	25,937	11,494	44.31
Borena	67,066	13,648	20.35	67,788	12,282	18.12	113,901	21,289	18.69	264,474	37,914	14.34	24,413	8,944	36.63
Debub Mirab Shewa	35,885	5,727	15.96	39,383	4,648	11.8	92,552	8,481	9.16	329,498	28,404	8.62	20,921	6,554	31.33
Guji	64,799	14,197	21.91	77,100	18,125	23.51	128,098	21,890	17.09	518,640	71,100	13.71	35,427	15,833	44.69
Mirab Guji	23,803	6,333	26.6	25,516	7,537	29.54	43,226	11,211	25.94	164,638	40,774	24.77	13,722	6,655	48.5
Oromiya Liyu Zone	28,797	5,217	18.11	40,148	5,741	14.3	75,728	9,585	12.66	275,453	29,685	10.78	10,917	2,924	26.79
Mirab Arsi	116,171	21,670	18.65	128,041	22,612	17.66	227,349	33,748	14.84	708,243	77,303	10.91	64,130	36,247	56.52
Kelem Wollega	33,188	11,313	34.09	24,951	6,181	24.77	58,737	13,901	23.67	178,213	21,842	12.26	902	902	99.96
Horo Guduru Wollega	19,130	3,450	18.03	28,342	4,465	15.75	72,217	10,963	15.18	237,685	33,156	13.95	10,698	3,636	33.98
Buno Bedele	18,707	2,168	11.59	21,111	2,509	11.89	45,936	4,134	9	156,549	8,751	5.59	1,631	967	59.33
Somale	290,412	18,087	6.23	242,581	18,127	7.47	406,788	32,182	7.91	1,584,688	115,034	7.26	27,229	3,452	12.68
Siti	3,441	958	27.86	786	336	42.74	2,823	947	33.56	16,457	4,588	27.88	470	253	53.86
Fafan	32,611	3,945	12.1	20,906	4,854	23.22	59,497	7,367	12.38	176,468	16,724	9.48	669	287	42.86
Jerer	8,867	2,274	25.64	9,843	4,329	43.98	22,417	6,137	27.38	77,302	16,277	21.06	5,288	3,250	61.46
Erer	41,679	-	-	41,363	-	-	58,652	-	-	200,198	-	-	691	-	-
Korahe	31,704	-	-	25,715	-	-	29,001	-	-	58,729	-	-	16,320	-	-
Shebele	46,292	-	-	53,249	-	-	61,322	-	-	227,046	-	-	857	-	-
Dollo	1,649	-	-	1,996	-	-	5,051	-	-	17,351	-	-	484	-	-
Afder	43,739	11,969	27.36	32,851	10,833	32.97	55,966	18,139	32.41	297,660	53,027	17.81	911	650	71.39
Liben	62,576	12,302	19.66	42,615	12,746	29.91	87,335	24,030	27.51	434,024	98,059	22.59	777	775	99.78
Nogob	3,768	-	-	3,494	-	-	3,423	-	-	10,251	-	-	-	-	-
Dawa	14,086	3,299	23.42	9,763	2,526	25.87	21,301	6,036	28.33	69,202	15,477	22.37	763	429	56.2
Benshangul-Gumuz	29,563	4,721	15.97	28,978	4,957	17.11	68,800	9,928	14.43	219,061	28,950	13.22	14,853	4,999	33.66
Metekel	3,685	1,529	41.48	4,564	1,531	33.54	7,014	2,045	29.16	30,614	9,380	30.64	1,750	1,180	67.43
Asosa	24,686	4,416	17.89	21,812	4,639	21.27	55,158	9,590	17.39	173,261	27,202	15.7	12,358	4,831	39.09
Kemeshi	935	671	71.73	2,105	828	39.35	5,611	1,536	27.37	12,087	3,152	26.08	712	512	71.89
Mao Komo	256	79	30.69	497	138	27.87	1,017	216	21.29	3,099	483	15.57	32	22	67.39
SNNP	591,263	36,695	6.21	664,565	53,091	7.99	1,421,576	141,829	9.98	4,897,331	525,883	10.74	140,136	20,980	14.97
Gurage	49,179	8,296	16.87	56,417	7,852	13.92	112,491	10,606	9.43	450,116	35,304	7.84	9,726	3,068	31.55
Hadiya	44,743	4,676	10.45	52,823	6,137	11.62	92,597	9,299	10.04	358,249	18,290	5.11	19,040	8,656	45.46
Kembata Tembaro	21,177	2,184	10.31	21,083	3,555	16.86	42,614	3,263	7.66	164,629	9,234	5.61	12,134	5,823	47.99
Sidama	127,049	19,810	15.59	140,774	19,688	13.99	321,651	31,422	9.77	1,134,949	83,674	7.37	38,114	14,881	39.04
Gedeo	5,063	2,316	45.74	3,930	1,227	31.22	16,207	3,716	22.93	37,293	9,979	26.76	1,162	1,156	99.48
Welayta	38,692	5,302	13.7	54,226	6,188	11.41	104,265	14,840	14.23	324,771	21,200	6.53	2,147	910	42.38
Debub Omo	62,451	25,293	40.5	88,769	44,869	50.55	217,326	134,190	61.75	737,908	512,751	69.49	4,100	2,738	66.78

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
Sheka	9,239	1,850	20.03	7,556	1,627	21.53	18,666	4,351	23.31	53,024	7,655	14.44	1,795	1,123	62.54
Kefa	52,857	8,088	15.3	48,245	5,782	11.98	103,731	12,572	12.12	357,786	29,021	8.11	11,080	5,749	51.88
Gamo Gofa	72,509	7,953	10.97	84,216	12,263	14.56	164,327	16,525	10.06	521,524	44,676	8.57	8,712	4,367	50.12
Bench Maji	23,409	3,673	15.69	15,140	2,820	18.63	39,892	6,485	16.26	122,142	14,333	11.73	5,817	3,540	60.86
Yem Liyu	3,115	1,340	43.03	3,251	1,080	33.22	5,993	2,147	35.82	27,374	9,684	35.38	432	304	70.37
Segen Akababi Hizboch	18,811	3,424	18.2	20,747	7,214	34.77	39,845	9,642	24.2	148,673	27,182	18.28	3,081	1,297	42.09
Alaba Special	9,254	1,521	16.44	10,678	1,463	13.7	15,653	2,396	15.31	65,040	5,198	7.99	3,735	1,701	45.54
Dawro	15,409	2,119	13.75	19,473	1,956	10.05	51,418	5,649	10.99	108,095	8,118	7.51	8,467	3,289	38.85
Basketo Special	2,305	498	21.62	1,689	329	19.48	5,430	882	16.25	17,794	2,074	11.66	1,161	377	32.48
Konta Liyu	4,576	686	14.99	5,505	769	13.98	13,419	1,723	12.84	36,233	4,150	11.46	1,156	891	77.12
Selite	31,427	4,338	13.8	30,044	3,430	11.42	56,052	6,814	12.16	231,731	19,315	8.34	8,277	2,909	35.14
Gambela region	28,287	4,532	16.02	17,999	2,514	13.97	32,414	3,491	10.77	149,317	17,497	11.72	132	83	62.39
Agnuwak	168	56	33.34	226	145	64.14	459	172	37.39	2,012	706	35.09	-	-	-
Nuware	25,368	4,494	17.72	14,913	2,449	16.42	26,360	3,352	12.72	129,390	17,262	13.34	70	68	96.33
Mehzenger	851	241	28.33	1,271	304	23.94	2,613	598	22.89	7,438	1,261	16.95	43	43	99.84
Itang Special	1,901	527	27.72	1,589	458	28.79	2,982	751	25.19	10,476	2,467	23.55	19	19	101.22
Harari	4,919	1,377	27.98	2,478	574	23.16	8,095	1,180	14.58	25,832	3,392	13.13	2,959	1,004	33.93
Harari	4,919	1,377	27.98	2,478	574	23.16	8,095	1,180	14.58	25,832	3,392	13.13	2,959	1,004	33.93
DirDawaAstedader	3,610	664	18.4	2,508	598	23.85	11,909	2,082	17.49	25,171	2,976	11.82	398	229	57.58
Dire Dawa	3,610	664	18.4	2,508	598	23.85	11,909	2,082	17.49	25,171	2,976	11.82	398	229	57.58

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

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	4,201,209	121,693	2.9	1,971,773	76,005	3.85	2,107,147	101,209	4.8	3,574,803	229,805	6.43
Tigray	194,150	18,500	9.53	96,440	11,646	12.08	93,180	13,142	14.1	132,799	20,073	15.12
North West Tigray	30,425	9,385	30.85	18,887	7,198	38.11	14,099	6,683	47.4	28,813	8,515	29.55
Central Tigray	46,871	9,439	20.14	18,984	4,240	22.34	25,929	7,316	28.22	43,945	13,688	31.15
Eastern Tigray	77,883	11,254	14.45	29,371	6,282	21.39	25,279	4,810	19.03	19,793	3,945	19.93
Southern Tigray	15,890	3,321	20.9	8,899	2,167	24.35	7,003	1,448	20.67	12,012	3,153	26.25
Western Tigray	4,188	1,951	46.59	4,451	2,898	65.11	11,345	6,629	58.43	1,822	774	42.49
Debub Misrak	18,893	4,858	25.71	15,849	3,644	22.99	9,525	2,316	24.31	26,413	10,814	40.94
Afar	368,301	44,265	12.02	191,547	36,419	19.01	192,816	43,134	22.37	342,216	47,152	13.78
Zone_1 (Awsiresu)	202,970	39,341	19.38	88,690	31,709	35.75	99,362	39,458	39.71	165,063	39,283	23.8
Zone_2 (Kelbetiresu)	18,481	5,399	29.21	9,906	3,259	32.9	6,459	2,577	39.9	20,008	6,952	34.74
Zone_3 (Gebiresu)	87,621	16,636	18.99	54,851	15,110	27.55	61,412	16,099	26.22	112,852	22,931	20.32
Zone_4 (Fentiresu)	23,164	3,902	16.85	11,258	2,485	22.07	7,415	1,479	19.95	9,750	1,691	17.35
Zone_5 (Hariresu)	36,065	9,520	26.4	26,843	8,703	32.42	18,168	5,967	32.84	34,542	10,156	29.4
Amhara	1,351,481	79,585	5.89	437,081	33,839	7.74	411,944	44,754	10.86	703,012	70,276	10
Semen Gonder	73,119	12,354	16.9	17,999	3,522	19.57	17,473	4,526	25.9	26,685	5,767	21.61
Debub Gonder	161,188	24,298	15.07	60,062	12,827	21.36	36,874	12,029	32.62	55,901	10,323	18.47
Semen Wello	119,191	15,230	12.78	40,476	8,558	21.14	45,612	10,943	23.99	104,440	26,051	24.94
Debub Wello	172,348	32,111	18.63	59,251	13,837	23.35	84,084	29,990	35.67	138,164	35,625	25.78
Semen Shewa	208,896	37,488	17.95	77,572	14,007	18.06	102,364	24,998	24.42	209,690	48,143	22.96
Misrak Gojjam	177,094	27,273	15.4	28,386	7,388	26.03	27,100	7,424	27.39	40,370	9,529	23.6
Mirab Gojjam	193,372	35,074	18.14	68,550	14,815	21.61	35,202	7,165	20.35	39,331	9,408	23.92
Waghimra	25,646	6,541	25.51	9,424	2,316	24.58	12,861	3,858	30	15,255	3,492	22.89
Awi	81,782	12,401	15.16	23,174	5,860	25.29	19,936	5,754	28.86	12,659	4,676	36.94
Oromiya Liyu Zone	7,322	3,185	43.51	12,316	7,818	63.48	3,777	1,116	29.55	11,217	3,687	32.87
Maekelawi Gonder	128,107	27,202	21.23	38,777	11,502	29.66	25,193	6,133	24.34	46,258	17,459	37.74
Mirab Gonder	3,415	1,272	37.25	1,095	319	29.09	1,469	649	44.2	3,042	1,252	41.15
Oromiya	1,175,099	60,078	5.11	479,266	31,547	6.58	493,759	40,960	8.3	669,925	73,298	10.94
Mirab Wollega	51,741	6,400	12.37	15,035	3,955	26.31	18,791	4,470	23.79	25,925	7,503	28.94
Misrak Wollega	40,978	7,475	18.24	16,842	5,926	35.19	10,776	2,402	22.29	15,579	4,687	30.08
Ilu Ababor	35,627	5,711	16.03	18,677	3,531	18.91	12,879	2,852	22.14	6,166	2,152	34.9
Jimma	90,654	16,274	17.95	38,959	6,488	16.65	50,191	11,651	23.21	37,553	8,304	22.11
Mirab Shewa	178,721	25,803	14.44	40,442	10,157	25.11	30,932	7,941	25.67	25,976	5,655	21.77
Semen Shewa	121,939	18,728	15.36	31,678	9,329	29.45	31,392	9,169	29.21	79,299	23,140	29.18
Misrak Shewa	43,750	7,403	16.92	33,810	6,593	19.5	16,533	3,632	21.97	37,283	13,115	35.18

Male Sheep

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	154,717	31,625	20.44	80,598	19,195	23.82	84,255	26,655	31.64	134,963	42,293	31.34
Mirab Hararghe	16,892	4,220	24.98	7,746	2,410	31.12	5,876	1,729	29.43	8,437	2,997	35.52
Mierak Hararge	37,683	9,122	24.21	14,202	3,726	26.24	17,135	5,667	33.08	17,937	4,856	27.07
Bale	30,540	8,524	27.91	19,683	5,966	30.31	22,430	6,189	27.59	14,649	4,647	31.73
Borena	27,015	5,826	21.56	21,621	4,663	21.57	27,901	6,652	23.84	50,269	17,679	35.17
Debub Mirab Shewa	42,101	8,860	21.04	21,154	4,029	19.05	16,512	4,951	29.98	12,865	3,282	25.51
Guji	33,694	13,761	40.84	20,083	6,525	32.49	40,982	9,747	23.78	27,127	7,042	25.96
Mirab Guji	20,942	3,804	18.16	16,453	4,412	26.81	11,497	4,018	34.95	16,304	5,799	35.57
Oromiya Liyu Zone	79,547	12,587	15.82	18,500	2,813	15.21	9,068	3,670	40.47	16,299	4,966	30.47
Mirab Arsi	94,272	17,536	18.6	41,524	10,301	24.81	55,431	17,823	32.15	55,198	19,453	35.24
Kelem Wollega	30,473	12,239	40.16	8,938	3,670	41.06	18,599	6,794	36.53	78,815	42,688	54.16
Horo Guduru Wollega	26,474	5,568	21.03	5,891	1,491	25.3	7,386	2,273	30.77	6,031	2,335	38.72
Buno Bedele	17,338	2,628	15.16	7,429	1,661	22.35	5,193	1,231	23.7	3,250	1,029	31.67
Somale	646,203	38,990	6.03	499,100	36,287	7.27	635,970	45,586	7.17	1,220,983	96,261	7.88
Siti	5,536	1,580	28.54	1,051	464	44.09	2,709	839	30.95	5,823	1,366	23.45
Fafan	90,644	14,638	16.15	57,609	12,172	21.13	94,437	16,145	17.1	159,631	22,196	13.9
Jerer	159,114	28,015	17.61	163,026	27,561	16.91	252,834	38,570	15.26	510,077	85,465	16.76
Erer	29,202	-	-	23,395	-	-	44,630	-	-	79,832	-	-
Korahe	48,035	-	-	33,488	-	-	38,612	-	-	64,166	-	-
Shebele	35,873	-	-	30,035	-	-	44,056	-	-	54,791	-	-
Dollo	36,857	-	-	33,552	-	-	27,581	-	-	41,386	-	-
Afder	94,812	12,949	13.66	62,579	9,829	15.71	46,999	10,711	22.79	156,995	30,034	19.13
Liben	130,988	18,582	14.19	84,914	17,602	20.73	73,853	14,455	19.57	130,126	23,466	18.03
Nogob	2,931	-	-	3,010	-	-	2,814	-	-	5,090	-	-
Dawa	12,211	2,360	19.33	6,441	1,520	23.6	7,443	2,317	31.13	13,066	3,844	29.42
Benshangul-Gumuz	11,863	3,906	32.93	5,600	2,105	37.59	2,296	614	26.74	4,449	1,478	33.21
Metekel	1,466	525	35.83	1,438	700	48.66	671	240	35.81	1,215	604	49.73
Asosa	8,412	3,819	45.41	3,835	1,983	51.7	579	317	54.73	2,495	1,322	53.01
Kemeshi	746	577	77.3	-	-	-	879	463	52.75	472	247	52.27
Mao Komo	1,239	252	20.34	327	98	29.9	167	61	36.4	268	95	35.66
SNNP	438,846	31,994	7.29	257,888	29,173	11.31	271,854	49,496	18.21	490,961	174,928	35.63
Gurage	30,077	8,130	27.03	16,027	4,582	28.59	12,408	3,604	29.05	20,945	6,127	29.25
Hadiya	17,610	4,225	23.99	11,993	3,471	28.94	9,252	3,108	33.59	9,934	3,085	31.06
Kembata Tembaro	5,161	1,553	30.08	3,021	868	28.74	7,542	1,885	24.99	9,266	3,535	38.15
Sidama	58,602	12,289	20.97	33,515	9,756	29.11	32,354	10,895	33.67	27,084	8,257	30.49
Gedeo	26,940	7,563	28.07	11,136	2,553	22.92	15,411	3,790	24.59	21,250	7,573	35.64
Welayta	20,464	4,992	24.39	13,193	3,121	23.66	17,842	4,048	22.69	11,637	2,457	21.12
Debub Omo	57,822	18,533	32.05	48,217	23,476	48.69	79,287	46,158	58.22	222,691	172,508	77.47

Male Sheep

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	10,355	2,691	25.98	3,737	951	25.45	3,593	1,263	35.15	1,916	581	30.34
Kefa	63,180	9,937	15.73	18,225	3,291	18.06	19,999	3,876	19.38	57,495	18,829	32.75
Gamo Gofa	42,447	10,483	24.7	28,887	7,747	26.82	15,236	4,039	26.51	24,513	9,332	38.07
Bench Maji	21,962	3,489	15.89	9,671	2,432	25.14	9,089	2,529	27.82	9,781	2,774	28.36
Yem Liyu	2,125	640	30.13	768	201	26.17	614	228	37.09	1,048	574	54.78
Segen Akababi Hizboch	22,759	6,921	30.41	21,689	7,455	34.37	27,575	9,596	34.8	41,893	13,028	31.1
Alaba Special	7,776	1,633	21	3,993	1,116	27.95	2,220	733	33.01	1,756	511	29.09
Dawro	2,490	652	26.18	6,930	1,989	28.69	4,174	2,067	49.52	5,620	1,760	31.31
Basketo Special	1,729	390	22.57	794	304	38.33	1,306	380	29.12	1,178	336	28.49
Konta Liyu	1,360	405	29.76	670	246	36.8	3,584	1,037	28.95	5,052	2,125	42.06
Selite	45,987	8,992	19.55	25,421	4,010	15.77	10,369	2,482	23.93	17,901	4,683	26.16
Gambela region	6,266	1,973	31.49	2,416	1,367	56.6	1,985	556	28.02	5,989	1,769	29.54
Agnuwak	29	32	107.23	59	63	107.23	128	121	94.35	81	59	72.85
Nuware	3,736	1,757	47.03	1,886	1,351	71.62	962	420	43.59	3,911	1,681	42.98
Mezhenger	2,071	852	41.13	248	139	55.79	673	305	45.26	1,637	505	30.85
Itang Special	430	282	65.6	223	149	66.82	222	161	72.67	359	212	58.94
Harari	391	170	43.49	-	-	-	322	231	71.88	317	229	72.25
Harari	391	170	43.49	-	-	-	322	231	71.88	317	229	72.25
DirDawaAstedader	8,609	1,171	13.6	2,435	554	22.76	3,022	763	25.24	4,154	1,322	31.82
Dire Dawa	8,609	1,171	13.6	2,435	554	22.76	3,022	763	25.24	4,154	1,322	31.82

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

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	4,520,740	131,856	2.92	2,532,010	94,406	3.73	3,609,450	142,250	3.94	17,377,262	525,025	3.02
Tigray	225,036	22,302	9.91	153,502	19,424	12.65	233,302	27,161	11.64	969,210	94,384	9.74
North West Tigray	36,829	12,646	34.34	39,456	13,909	35.25	50,721	16,992	33.5	191,616	47,418	24.75
Central Tigray	53,085	10,936	20.6	43,213	10,099	23.37	60,597	15,936	26.3	256,568	59,559	23.21
Eastern Tigray	77,223	11,034	14.29	33,367	6,100	18.28	61,854	10,485	16.95	290,203	39,711	13.68
Southern Tigray	21,600	5,278	24.44	15,166	3,492	23.02	19,568	4,219	21.56	86,336	15,722	18.21
Western Tigray	7,326	3,284	44.82	8,970	4,361	48.62	10,750	6,182	57.5	52,537	25,031	47.65
Debub Misrak	28,972	7,580	26.16	13,330	3,666	27.5	29,812	5,391	18.08	91,950	25,725	27.98
Afar	480,572	57,754	12.02	267,032	49,122	18.4	376,581	65,525	17.4	1,821,110	182,438	10.02
Zone_1 (Awsiresu)	278,578	52,820	18.96	134,671	45,107	33.49	203,245	60,092	29.57	925,086	149,276	16.14
Zone_2 (Kelbetiresu)	29,008	8,355	28.8	17,541	5,943	33.88	17,866	4,314	24.14	141,815	42,010	29.62
Zone_3 (Gebiresu)	97,579	19,924	20.42	67,949	16,669	24.53	100,256	23,970	23.91	454,467	85,903	18.9
Zone_4 (Fentiresu)	33,755	4,663	13.82	19,205	3,341	17.4	28,596	5,931	20.74	141,187	26,355	18.67
Zone_5 (Hariresu)	41,652	7,555	18.14	27,667	7,344	26.55	26,619	7,360	27.65	158,556	34,080	21.49
Amhara	1,369,343	83,774	6.12	525,039	39,267	7.48	680,190	52,954	7.79	4,908,133	286,623	5.84
Semen Gonder	78,548	12,073	15.37	26,802	5,589	20.85	38,126	7,377	19.35	247,916	34,299	13.84
Debub Gonder	167,435	22,242	13.28	89,721	16,614	18.52	66,643	11,536	17.31	562,766	72,455	12.87
Semen Wello	119,485	17,660	14.78	61,990	12,760	20.58	67,879	15,071	22.2	491,758	80,218	16.31
Debub Wello	151,114	28,947	19.16	62,717	16,390	26.13	112,182	30,311	27.02	664,531	129,025	19.42
Semen Shewa	233,071	43,113	18.5	93,507	21,043	22.5	127,140	27,341	21.5	865,460	150,496	17.39
Misrak Gojjam	174,192	27,236	15.64	37,718	7,086	18.79	60,364	11,319	18.75	614,623	81,099	13.19
Mirab Gojjam	195,691	37,294	19.06	60,094	10,849	18.05	95,381	18,837	19.75	673,834	119,030	17.66
Waghimra	27,229	6,812	25.02	13,384	3,628	27.1	16,237	4,189	25.8	102,052	17,245	16.9
Awi	81,117	11,401	14.05	17,204	2,881	16.75	32,575	6,877	21.11	223,378	28,567	12.79
Oromiya Liyu Zone	6,681	1,755	26.26	4,674	1,545	33.06	6,013	2,465	41	32,054	10,162	31.7
Maekelawi Gonder	131,315	32,493	24.74	54,536	12,961	23.77	54,915	12,977	23.63	417,812	89,504	21.42
Mirab Gonder	3,464	1,086	31.36	2,694	827	30.71	2,734	951	34.77	11,949	4,719	39.5
Oromiya	1,199,406	57,214	4.77	625,282	38,671	6.18	840,457	56,440	6.72	3,777,300	169,700	4.49
Mirab Wollega	44,929	6,456	14.37	27,157	5,844	21.52	36,588	7,434	20.32	137,925	14,808	10.74
Misrak Wollega	47,346	8,999	19.01	14,648	3,225	22.02	19,281	4,333	22.48	109,179	17,808	16.31
Ilu Ababor	39,349	8,580	21.8	26,337	6,393	24.27	38,091	7,117	18.68	113,926	13,690	12.02
Jimma	91,315	13,446	14.73	48,607	11,691	24.05	104,918	21,843	20.82	288,291	38,564	13.38
Mirab Shewa	163,286	22,630	13.86	76,007	16,149	21.25	74,290	14,805	19.93	458,836	65,820	14.35
Semen Shewa	139,787	21,033	15.05	38,629	8,929	23.12	44,389	12,944	29.16	444,773	69,288	15.58
Misrak Shewa	46,565	8,700	18.68	37,970	11,058	29.12	38,813	9,612	24.76	175,779	24,762	14.09

Female Sheep

Geographic Area	<6MONTHS			6MONTHS <1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	147,560	26,095	17.68	85,462	15,876	18.58	96,976	20,204	20.83	507,036	83,660	16.5
Mirab Hararghe	17,903	4,334	24.21	6,862	1,910	27.83	11,607	2,924	25.19	61,767	15,481	25.06
Mierak Hararge	36,239	7,913	21.83	14,235	4,134	29.04	28,982	8,826	30.45	143,282	25,079	17.5
Bale	42,731	11,397	26.67	19,462	6,175	31.73	31,473	10,656	33.86	133,621	34,000	25.45
Borena	38,691	10,621	27.45	36,197	7,074	19.54	42,359	8,087	19.09	99,556	19,872	19.96
Debub Mirab Shewa	25,632	6,849	26.72	17,433	4,664	26.75	16,393	5,203	31.74	109,095	23,954	21.96
Guji	44,955	11,720	26.07	28,444	8,361	29.39	69,953	16,235	23.21	165,438	33,722	20.38
Mirab Guji	22,475	5,177	23.04	16,908	4,008	23.7	29,140	8,103	27.81	73,443	19,434	26.46
Oromiya Liyu Zone	76,389	11,876	15.55	21,110	4,249	20.13	22,403	4,795	21.4	207,930	30,527	14.68
Mirab Arsi	106,814	20,719	19.4	83,184	16,171	19.44	99,191	32,009	32.27	340,119	54,605	16.05
Kelem Wollega	25,552	4,583	17.93	8,537	6,860	80.36	15,480	3,764	24.31	87,332	33,907	38.83
Horo Guduru Wollega	26,742	7,000	26.18	11,818	3,573	30.23	10,596	2,505	23.64	67,084	14,607	21.77
Buno Bedele	15,146	3,111	20.54	6,276	1,578	25.14	9,532	2,568	26.94	52,888	7,540	14.26
Somale	738,464	38,940	5.27	647,471	38,337	5.92	938,385	54,057	5.76	3,861,817	244,496	6.33
Siti	7,383	2,399	32.49	2,262	1,023	45.24	3,015	810	26.88	24,225	5,986	24.71
Fafan	102,180	23,294	22.8	73,841	18,203	24.65	152,905	28,601	18.7	454,429	57,820	12.72
Jerer	153,540	19,114	12.45	163,122	21,278	13.04	251,841	32,454	12.89	1,166,112	182,432	15.64
Erer	51,724	-	-	54,570	-	-	88,641	-	-	198,448	-	-
Korahe	80,892	-	-	47,949	-	-	64,227	-	-	155,228	-	-
Shebele	38,226	-	-	32,070	-	-	63,162	-	-	207,798	-	-
Dollo	44,858	-	-	56,226	-	-	64,082	-	-	189,681	-	-
Afder	99,647	14,770	14.82	92,860	16,703	17.99	102,146	22,087	21.62	701,737	109,891	15.66
Liben	136,565	19,023	13.93	106,875	20,008	18.72	127,130	23,361	18.38	691,536	103,212	14.93
Nogob	3,874	-	-	6,243	-	-	5,501	-	-	9,909	-	-
Dawa	19,577	4,756	24.29	11,454	2,298	20.07	15,737	4,095	26.02	62,714	19,730	31.46
Benshangul-Gumuz	8,676	2,726	31.42	7,976	2,546	31.92	7,560	2,085	27.58	23,866	4,587	19.22
Metekel	1,668	729	43.7	1,175	470	39.97	2,359	842	35.68	4,355	1,075	24.68
Asosa	5,621	2,608	46.4	6,061	2,495	41.16	3,796	1,823	48.02	14,746	4,330	29.36
Kemeshi	479	252	52.52	-	-	-	527	520	98.64	2,294	963	42
Mao Komo	908	186	20.54	740	194	26.28	878	212	24.18	2,472	461	18.65
SNNP	485,269	41,603	8.57	299,685	40,093	13.38	521,052	79,255	15.21	1,970,048	250,358	12.71
Gurage	42,560	10,427	24.5	24,236	6,879	28.38	37,425	10,600	28.32	125,171	26,772	21.39
Hadiya	21,157	5,347	25.27	18,589	4,384	23.58	23,821	5,871	24.64	94,375	16,427	17.41
Kembata Tembaro	6,548	1,895	28.94	2,657	1,070	40.27	4,981	1,498	30.08	17,264	4,803	27.82
Sidama	48,584	13,223	27.22	28,064	7,268	25.9	25,640	6,875	26.81	221,932	41,804	18.84
Gedeo	18,155	5,176	28.51	14,872	3,017	20.29	30,625	6,955	22.71	99,602	20,049	20.13
Welayta	19,727	4,413	22.37	16,052	3,506	21.84	27,500	5,414	19.69	60,391	8,797	14.57
Debub Omo	75,431	26,848	35.59	70,055	36,153	51.61	145,199	74,467	51.29	393,402	225,855	57.41

Female Sheep

Geographic Area	<6MONTHS			6MONTHS <1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	9,508	2,571	27.04	2,617	674	25.76	8,109	2,109	26	25,934	6,462	24.92
Kefa	70,579	9,309	13.19	30,171	5,905	19.57	49,594	9,108	18.37	262,945	31,606	12.02
Gamo Gofa	56,191	18,944	33.71	23,876	7,291	30.54	62,263	14,903	23.94	249,306	75,297	30.2
Bench Maji	20,039	3,674	18.33	12,968	2,560	19.74	25,236	4,444	17.61	81,402	12,009	14.75
Yem Liyu	2,026	586	28.91	755	215	28.48	803	246	30.57	9,146	2,429	26.56
Segen Akababi Hizboch	29,926	8,910	29.77	18,022	6,169	34.23	32,055	9,141	28.52	107,596	31,462	29.24
Alaba Special	8,760	1,836	20.96	4,292	1,027	23.93	6,309	2,006	31.8	28,490	4,288	15.05
Dawro	3,140	1,066	33.94	5,868	1,841	31.38	8,818	2,258	25.6	23,989	6,017	25.08
Basketo Special	1,914	623	32.53	1,026	389	37.89	2,398	571	23.81	7,894	1,750	22.17
Konta Liyu	1,103	478	43.3	620	437	70.41	1,699	540	31.78	4,625	1,483	32.07
Silite	49,920	9,875	19.78	24,947	4,534	18.18	28,576	6,265	21.92	156,585	22,843	14.59
Gambela region	6,447	2,365	36.68	1,723	533	30.95	2,338	603	25.81	16,739	4,062	24.27
Agnuwak	16	17	104.22	-	-	-	147	158	107.23	107	71	66.31
Nuware	3,634	2,057	56.61	1,090	443	40.69	1,163	498	42.86	10,011	3,570	35.66
Mezhenger	2,602	1,163	44.7	439	274	62.52	799	263	32.84	4,786	1,620	33.86
Itang Special	195	81	41.66	194	111	57.1	228	148	64.62	1,835	1,061	57.84
Harari	663	295	44.43	-	-	-	607	355	58.51	1,936	561	28.95
Harari	663	295	44.43	-	-	-	607	355	58.51	1,936	561	28.95
DirDawaAstedader	6,863	1,140	16.6	4,299	935	21.75	8,978	2,413	26.88	27,103	3,574	13.19
Dire Dawa	6,863	1,140	16.6	4,299	935	21.75	8,978	2,413	26.88	27,103	3,574	13.19

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	4,562,902	135,943	2.98	2,610,134	110,877	4.25	2,830,070	131,557	4.65	5,052,199	375,874	7.44
Tigray	506,809	45,156	8.91	209,642	27,709	13.22	222,876	24,882	11.16	367,882	44,893	12.2
North West Tigray	275,136	40,883	14.86	93,762	23,067	24.6	87,902	18,244	20.75	158,028	34,731	21.98
Central Tigray	97,421	12,781	13.12	50,076	9,581	19.13	53,198	9,194	17.28	114,647	25,107	21.9
Eastern Tigray	24,645	5,769	23.41	6,291	2,745	43.64	8,023	2,767	34.48	16,663	6,295	37.78
Southern Tigray	16,858	4,078	24.19	7,733	1,882	24.34	7,224	1,996	27.63	9,568	2,099	21.94
Western Tigray	62,937	10,659	16.94	41,489	11,331	27.31	48,827	13,044	26.72	39,376	8,434	21.42
Debub Misrak	29,813	6,383	21.41	10,291	2,108	20.49	17,704	4,465	25.22	29,601	7,977	26.95
Afar	697,471	61,921	8.88	383,308	57,872	15.1	346,763	45,479	13.12	733,664	82,875	11.3
Zone_1 (Awsiresu)	338,421	49,170	14.53	161,477	48,384	29.96	140,859	32,402	23	338,984	62,664	18.49
Zone_2 (Kelbetiresu)	95,496	19,568	20.49	54,032	9,424	17.44	45,741	10,215	22.33	99,781	28,042	28.1
Zone_3 (Gebiresu)	131,494	23,167	17.62	78,813	19,553	24.81	92,271	24,667	26.73	176,734	33,805	19.13
Zone_4 (Fentiresu)	42,952	5,999	13.97	22,856	4,427	19.37	16,310	3,229	19.8	20,496	2,680	13.08
Zone_5 (Hariresu)	89,109	21,468	24.09	66,130	22,748	34.4	51,581	17,183	33.31	97,668	31,705	32.46
Amhara	871,764	67,087	7.7	412,526	38,261	9.27	411,545	39,365	9.57	772,456	87,733	11.36
Semen Gonder	88,650	18,930	21.35	35,010	6,868	19.62	23,074	6,794	29.45	41,329	10,663	25.8
Debub Gonder	99,146	21,716	21.9	55,631	15,923	28.62	43,029	15,368	35.72	84,892	21,165	24.93
Semen Wello	85,660	15,933	18.6	26,101	6,698	25.66	24,001	5,804	24.18	40,503	9,843	24.3
Debub Wello	193,662	43,777	22.6	69,568	17,053	24.51	86,978	17,940	20.63	183,495	44,966	24.51
Semen Shewa	82,106	14,952	18.21	46,717	10,882	23.29	66,797	12,479	18.68	181,007	44,303	24.48
Misrak Gojam	34,507	11,405	33.05	7,384	3,655	49.5	8,723	3,907	44.79	15,556	7,299	46.92
Mirab Gojam	31,571	9,606	30.43	22,565	12,678	56.18	21,673	12,626	58.26	12,010	5,658	47.11
Waghimra	59,929	14,324	23.9	27,637	5,113	18.5	39,771	14,154	35.59	52,020	10,657	20.49
Awi	27,126	15,268	56.29	18,626	13,828	74.24	18,113	13,119	72.43	58,342	49,228	84.38
Oromiya Liyu Zone	20,213	5,487	27.14	9,520	2,203	23.14	10,915	3,223	29.53	17,662	6,187	35.03
Maekelawi Gonder	121,561	23,892	19.65	80,834	17,463	21.6	56,862	13,873	24.4	73,850	19,556	26.48
Mirab Gonder	27,633	3,910	14.15	12,932	2,810	21.73	11,611	2,458	21.17	11,790	3,300	27.99
Oromiya	894,875	54,274	6.07	426,674	29,332	6.87	479,607	34,747	7.24	555,626	48,346	8.7
Mirab Wollega	8,284	2,586	31.22	9,991	4,874	48.78	6,340	3,973	62.66	7,740	4,246	54.86
Misrak Wollega	23,298	5,341	22.93	8,070	1,900	23.55	11,276	3,140	27.85	20,221	10,165	50.27
Ilu Ababor	16,589	4,016	24.21	6,111	2,089	34.19	3,393	1,270	37.42	4,976	1,846	37.11
Jimma	71,566	15,201	21.24	30,231	8,431	27.89	23,823	5,857	24.58	11,274	5,641	50.03
Mirab Shewa	53,325	13,337	25.01	15,280	5,920	38.74	7,541	2,926	38.8	14,813	4,598	31.04
Semen Shewa	20,371	5,537	27.18	9,070	3,648	40.22	12,362	3,942	31.89	11,821	3,262	27.6
Misrak Shewa	43,890	10,848	24.72	17,506	4,315	24.65	23,644	7,943	33.59	21,892	6,788	31.01

Male Goats

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	78,412	24,356	31.06	46,626	11,575	24.82	51,864	14,594	28.14	66,607	26,915	40.41
Mirab Hararghe	113,907	20,156	17.7	38,623	5,908	15.3	54,727	13,712	25.06	99,298	21,705	21.86
Mierak Hararge	119,412	11,963	10.02	69,024	11,722	16.98	88,672	13,434	15.15	84,420	15,841	18.76
Bale	119,860	26,634	22.22	53,831	13,910	25.84	60,978	15,143	24.83	65,547	18,220	27.8
Borena	44,913	7,050	15.7	37,629	6,069	16.13	53,438	9,926	18.57	59,213	10,123	17.1
Debub Mirab Shewa	49,169	8,514	17.32	20,374	5,192	25.48	14,242	3,809	26.74	13,392	4,302	32.12
Guji	31,548	12,703	40.26	19,276	8,278	42.95	17,437	6,079	34.86	24,511	8,869	36.18
Mirab Guji	11,336	5,481	48.35	4,999	2,204	44.1	6,553	3,249	49.58	8,472	4,898	57.81
Oromiya Liyu Zone	11,681	4,086	34.98	2,825	1,444	51.11	3,304	1,888	57.12	2,622	1,334	50.88
Mirab Arsi	21,269	7,356	34.59	17,677	5,428	30.71	16,723	6,962	41.63	13,835	6,130	44.31
Kelem Wollega	17,258	8,393	48.63	3,890	2,568	66.01	13,392	5,333	39.82	7,257	4,687	64.58
Horo Guduru Wollega	25,823	5,220	20.21	11,014	3,821	34.69	6,171	2,417	39.16	14,986	6,230	41.57
Buno Bedele	12,965	1,734	13.37	4,626	931	20.13	3,728	963	25.84	2,728	837	30.7
Somale	1,078,494	59,648	5.53	892,222	61,493	6.89	980,584	61,271	6.25	1,880,896	129,783	6.9
Siti	34,669	3,644	10.51	9,816	1,706	17.38	15,577	2,792	17.92	31,063	6,702	21.58
Fafan	45,649	7,009	15.35	32,943	6,440	19.55	49,804	9,150	18.37	96,604	15,845	16.4
Jerer	176,352	26,655	15.11	205,560	36,840	17.92	317,870	50,735	15.96	710,955	112,586	15.84
Erer	41,609	-	-	35,169	-	-	74,969	-	-	120,826	-	-
Korahe	56,283	-	-	57,393	-	-	61,498	-	-	87,753	-	-
Shebele	86,400	-	-	74,747	-	-	99,100	-	-	152,261	-	-
Dollo	58,550	-	-	48,819	-	-	42,654	-	-	74,329	-	-
Afder	229,855	31,579	13.74	164,121	20,392	12.42	113,226	15,540	13.73	261,059	43,646	16.72
Liben	321,080	42,017	13.09	243,661	44,191	18.14	180,831	28,456	15.74	300,360	43,213	14.39
Nogob	3,469	-	-	3,599	-	-	4,090	-	-	9,483	-	-
Dawa	24,578	4,725	19.22	16,395	3,335	20.34	20,965	6,108	29.13	36,203	9,987	27.59
Benshangul-Gumuz	49,834	6,324	12.69	20,080	3,337	16.62	22,724	4,090	18	29,822	5,635	18.9
Metekel	17,541	3,673	20.94	8,782	2,135	24.32	9,880	2,340	23.68	12,679	3,344	26.38
Asosa	19,434	4,310	22.18	7,170	2,408	33.59	6,714	2,323	34.6	13,203	4,344	32.9
Kemeshi	10,941	2,797	25.56	3,510	869	24.77	5,830	2,419	41.49	3,237	1,280	39.55
Mao Komo	1,920	310	16.16	619	137	22.06	300	81	26.83	703	239	34.01
SNNP	403,832	39,077	9.68	240,693	45,337	18.84	341,144	89,912	26.36	664,252	324,716	48.88
Gurage	12,914	4,790	37.09	7,900	2,859	36.18	4,228	1,299	30.72	8,969	3,150	35.12
Hadiya	24,137	4,503	18.66	7,868	2,073	26.35	10,748	2,692	25.05	17,639	7,040	39.91
Kembata Tembaro	7,692	1,775	23.08	4,868	1,151	23.64	6,043	1,465	24.25	3,058	1,545	50.52
Sidama	27,884	9,955	35.7	23,271	12,071	51.87	23,361	9,007	38.55	26,246	9,131	34.79
Gedeo	-	-	-	683	487	71.21	705	499	70.82	-	-	-
Welayta	22,677	6,300	27.78	8,718	3,464	39.74	10,586	3,388	32.01	19,424	8,209	42.26
Debub Omo	101,004	29,309	29.02	102,506	42,523	41.48	175,796	88,015	50.07	449,864	323,959	72.01

Male Goats

Geographic Area	<6MONTHS			6MONTHS <1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	3,044	1,436	47.18	690	262	38.05	538	259	48.13	365	215	58.74
Kefa	30,187	5,371	17.79	6,819	1,894	27.77	7,505	3,131	41.72	11,374	3,667	32.24
Gamo Gofa	69,197	16,412	23.72	20,394	4,712	23.1	28,424	8,137	28.63	20,722	4,630	22.34
Bench Maji	9,414	2,575	27.36	5,257	1,751	33.31	7,187	2,559	35.61	12,400	5,862	47.27
Yem Liyu	6,677	2,926	43.82	3,620	2,498	69.01	630	184	29.25	1,450	397	27.37
Segen Akababi Hizboch	44,641	11,579	25.94	20,777	5,617	27.03	34,599	11,262	32.55	72,250	14,130	19.56
Alaba Special	11,379	2,594	22.8	6,794	1,302	19.17	2,940	799	27.18	3,794	1,215	32.02
Dawro	9,876	2,666	26.99	5,598	1,241	22.17	6,811	1,237	18.16	6,735	1,461	21.69
Basketo Special	1,386	574	41.37	335	218	65.02	363	124	34.01	873	369	42.28
Konta Liyu	2,941	693	23.56	1,452	450	30.99	3,354	754	22.48	2,367	607	25.65
Selite	18,781	4,312	22.96	13,143	2,312	17.59	17,327	4,619	26.65	6,720	2,163	32.19
Gambela region	16,990	3,653	21.5	4,871	574	11.78	6,056	1,216	20.09	15,840	3,900	24.62
Agnuwak	734	206	28.02	323	163	50.38	493	182	36.83	685	258	37.69
Nuware	14,008	3,614	25.8	3,695	512	13.87	4,746	1,182	24.9	13,414	3,865	28.81
Mehenger	921	408	44.29	283	126	44.43	337	178	52.76	544	216	39.63
Itang Special	1,327	269	20.3	570	156	27.32	479	135	28.23	1,197	402	33.59
Harari	13,345	2,121	15.9	5,547	1,015	18.3	8,027	1,477	18.41	11,131	3,013	27.07
Harari	13,345	2,121	15.9	5,547	1,015	18.3	8,027	1,477	18.41	11,131	3,013	27.07
DirDawaAstedader	29,488	4,253	14.42	14,571	1,772	12.16	10,744	2,026	18.86	20,629	4,822	23.38
Dire Dawa	29,488	4,253	14.42	14,571	1,772	12.16	10,744	2,026	18.86	20,629	4,822	23.38

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

Female Goat

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<2YEARS			2 years & older		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	5,348,630	165,771	3.1	3,592,104	148,169	4.12	5,031,796	223,419	4.44	21,473,836	809,783	3.77
Tigray	618,995	51,976	8.4	383,588	43,138	11.25	546,009	60,575	11.09	1,983,167	177,375	8.94
North West Tigray	316,490	44,859	14.17	172,306	32,924	19.11	266,771	50,150	18.8	987,032	159,857	16.2
Central Tigray	123,809	17,810	14.39	82,849	13,046	15.75	106,691	18,774	17.6	481,363	62,541	12.99
Eastern Tigray	23,173	7,070	30.51	13,301	3,046	22.9	25,272	8,842	34.99	77,211	18,950	24.54
Southern Tigray	19,443	4,229	21.75	13,654	3,599	26.36	17,276	3,344	19.35	69,917	13,982	20
Western Tigray	92,846	14,818	15.96	75,566	23,687	31.35	98,081	25,929	26.44	220,068	24,457	11.11
Debub Misrak	43,234	9,197	21.27	25,913	4,837	18.67	31,919	6,332	19.84	147,576	29,046	19.68
Afar	959,438	88,141	9.19	577,516	67,752	11.73	763,355	86,308	11.31	4,069,568	367,903	9.04
Zone_1 (Awsiresu)	460,654	67,439	14.64	235,585	49,639	21.07	340,085	64,717	19.03	1,668,785	207,423	12.43
Zone_2 (Kelbetiresu)	174,413	42,560	24.4	119,291	31,449	26.36	146,331	32,563	22.25	896,192	237,213	26.47
Zone_3 (Gebiresu)	142,786	29,335	20.54	104,156	26,394	25.34	147,722	41,696	28.23	791,553	158,815	20.06
Zone_4 (Fentiresu)	68,499	9,364	13.67	49,583	7,717	15.56	64,455	13,877	21.53	281,550	46,251	16.43
Zone_5 (Hariresu)	113,086	21,479	18.99	68,900	19,523	28.34	64,762	16,414	25.35	431,488	93,256	21.61
Amhara	902,415	65,267	7.23	438,346	38,512	8.79	556,908	45,520	8.17	2,517,356	166,587	6.62
Semen Gonder	97,500	18,637	19.12	40,412	8,692	21.51	43,910	10,213	23.26	234,526	40,288	17.18
Debub Gonder	117,526	26,733	22.75	60,582	14,562	24.04	65,731	16,263	24.74	314,469	66,814	21.25
Semen Wello	80,193	13,812	17.22	33,797	10,870	32.16	43,049	12,873	29.9	231,266	41,030	17.74
Debub Wello	163,612	36,328	22.2	57,565	14,270	24.79	91,255	17,956	19.68	495,966	87,865	17.72
Semen Shewa	89,530	16,536	18.47	38,424	8,680	22.59	63,490	11,845	18.66	252,630	36,813	14.57
Misrak Gojjam	46,510	16,168	34.76	6,324	2,724	43.07	24,054	11,360	47.23	94,824	28,432	29.98
Mirab Gojjam	22,637	8,019	35.42	9,880	4,673	47.3	19,984	6,988	34.97	82,591	28,216	34.16
Waghimra	74,228	16,892	22.76	38,573	10,114	26.22	45,430	11,140	24.52	257,467	50,136	19.47
Awi	25,931	14,767	56.95	22,139	13,878	62.69	23,436	14,705	62.74	78,014	54,532	69.9
Oromiya Liyu Zone	18,752	5,554	29.62	11,322	3,222	28.46	23,253	4,804	20.66	63,165	16,583	26.25
Maekelawi Gonder	136,192	23,036	16.91	99,957	21,115	21.12	94,033	22,732	24.17	354,244	59,060	16.67
Mirab Gonder	29,803	4,821	16.18	19,370	4,255	21.97	19,283	4,106	21.29	58,195	7,078	12.16
Oromiya	993,715	63,359	6.38	574,735	40,128	6.98	780,802	54,914	7.03	2,820,610	157,597	5.59
Mirab Wollega	8,193	2,733	33.36	16,126	10,454	64.83	14,367	6,000	41.76	40,104	17,603	43.89
Misrak Wollega	26,964	6,950	25.77	11,055	2,971	26.87	19,647	5,536	28.18	69,113	14,630	21.17
Ilu Ababor	16,462	4,845	29.43	12,086	4,101	33.93	17,548	3,599	20.51	39,498	8,851	22.41
Jimma	72,872	13,316	18.27	42,971	11,772	27.4	52,056	10,985	21.1	210,719	42,143	20
Mirab Shewa	64,121	16,515	25.76	15,733	4,847	30.81	21,870	6,555	29.97	120,886	25,433	21.04
Semen Shewa	30,653	6,159	20.09	14,811	6,839	46.18	23,620	7,845	33.21	61,243	14,660	23.94
Misrak Shewa	53,933	13,690	25.38	28,671	6,559	22.88	40,402	9,286	22.98	121,649	23,301	19.15

Female Goat

Geographic Area	<6MONTHS			6MONTHS <1YEAR			1<3YEARS			3<10YEARS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	103,505	31,184	30.13	47,395	13,517	28.52	64,749	17,851	27.57	287,304	68,080	23.7
Mirab Hararghe	124,649	26,295	21.1	56,321	11,485	20.39	57,677	11,730	20.34	386,646	60,434	15.63
Mierak Hararge	113,892	13,383	11.75	73,996	14,279	19.3	129,808	26,867	20.7	399,461	33,551	8.4
Bale	126,010	28,807	22.86	83,842	20,399	24.33	107,598	30,580	28.42	406,553	90,705	22.31
Borena	67,188	9,778	14.55	63,432	8,846	13.95	79,504	10,617	13.35	183,707	20,590	11.21
Debub Mirab Shewa	44,369	8,529	19.22	21,885	5,429	24.81	19,062	4,116	21.59	98,731	17,038	17.26
Guji	31,732	12,950	40.81	26,271	8,040	30.6	44,536	14,180	31.84	106,232	37,634	35.43
Mirab Guji	10,475	5,237	49.99	5,800	2,474	42.65	10,596	4,872	45.98	40,749	21,570	52.93
Oromiya Liyu Zone	8,958	3,550	39.64	7,139	3,840	53.79	6,604	3,934	59.58	21,992	9,429	42.87
Mirab Arsi	25,474	7,793	30.59	23,191	7,212	31.1	32,578	9,241	28.37	88,905	20,949	23.56
Kelem Wollega	19,624	8,035	40.94	5,665	4,694	82.86	19,779	6,629	33.52	33,578	10,530	31.36
Horo Guduru Wollega	30,425	8,935	29.37	11,659	4,379	37.56	9,992	3,004	30.07	62,922	12,646	20.1
Buno Bedele	14,216	2,391	16.82	6,685	1,521	22.75	8,811	1,722	19.55	40,618	4,389	10.81
Somale	1,310,023	73,235	5.59	1,218,548	87,468	7.18	1,672,680	120,135	7.18	7,968,225	515,580	6.47
Siti	42,116	5,098	12.11	20,509	3,074	14.99	29,141	4,610	15.82	144,300	17,674	12.25
Fafan	54,196	10,117	18.67	42,011	9,740	23.18	78,358	13,669	17.44	244,542	36,044	14.74
Jerer	169,817	21,894	12.89	205,117	28,800	14.04	319,628	52,001	16.27	1,589,423	230,585	14.51
Erer	72,006	-	-	71,025	-	-	141,698	-	-	300,110	-	-
Korahe	93,517	-	-	72,283	-	-	75,757	-	-	202,510	-	-
Shebele	90,278	-	-	94,610	-	-	119,445	-	-	466,500	-	-
Dollo	69,478	-	-	83,449	-	-	112,777	-	-	349,094	-	-
Afder	257,495	33,707	13.09	221,423	32,852	14.84	253,179	47,938	18.93	1,963,743	285,299	14.53
Liben	415,524	59,556	14.33	365,011	74,560	20.43	483,931	95,071	19.65	2,457,447	354,091	14.41
Nogob	5,979	-	-	7,678	-	-	7,801	-	-	19,132	-	-
Dawa	39,617	8,518	21.5	35,432	8,863	25.01	50,966	13,548	26.58	231,424	65,319	28.22
Benshangul-Gumuz	54,268	7,851	14.47	31,464	5,506	17.5	42,085	6,183	14.69	153,735	26,238	17.07
Metekel	22,384	5,007	22.37	15,573	3,723	23.91	18,337	4,457	24.31	74,476	22,135	29.72
Asosa	19,530	5,398	27.64	11,660	3,872	33.21	10,029	2,639	26.31	49,382	12,252	24.81
Kemeshi	10,804	2,712	25.1	3,473	1,201	34.56	12,038	3,363	27.93	26,286	6,931	26.37
Mao Komo	1,550	262	16.89	757	167	22.02	1,681	307	18.23	3,592	584	16.27
SNNP	452,481	57,124	12.62	340,321	68,721	20.19	620,333	138,570	22.34	1,756,516	411,548	23.43
Gurage	16,586	4,951	29.85	6,903	2,156	31.24	12,100	3,353	27.71	44,347	10,629	23.97
Hadiya	31,536	5,323	16.88	14,824	4,374	29.51	30,121	7,303	24.25	81,165	14,736	18.15
Kembata Tembaro	7,947	1,629	20.5	5,806	1,708	29.42	9,838	1,964	19.97	26,182	5,165	19.73
Sidama	38,485	16,946	44.03	20,399	12,103	59.33	45,755	17,878	39.07	117,800	31,698	26.91
Gedeo	293	292	99.9	521	364	69.76	543	380	70.11	5,061	2,283	45.11
Welayta	18,945	5,202	27.46	17,371	5,260	30.28	27,356	9,735	35.59	77,608	21,049	27.12
Debub Omo	143,324	50,332	35.12	151,641	65,793	43.39	288,571	134,479	46.6	714,727	404,492	56.59

Female Goat

Geographic Area	<6MONTHS			6MONTHS <1YEAR			1<3YEARS			3<10YEARS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	1,474	498	33.79	1,136	575	50.62	1,558	629	40.37	6,977	1,774	25.43
Kefa	31,133	5,380	17.28	15,586	3,126	20.06	21,054	4,212	20	84,772	9,820	11.58
Gamo Gofa	49,216	13,417	27.26	33,501	9,922	29.62	60,827	16,660	27.39	177,925	35,622	20.02
Bench Maji	11,261	2,499	22.19	11,089	3,987	35.96	16,660	3,594	21.57	39,112	6,915	17.68
Yem Liyu	5,508	2,442	44.34	1,812	395	21.83	3,700	831	22.46	19,918	6,716	33.72
Segen Akababi Hizboch	44,549	10,238	22.98	29,714	7,260	24.43	54,301	16,965	31.24	190,303	47,457	24.94
Alaba Special	12,794	2,014	15.74	7,187	1,180	16.42	9,154	1,717	18.75	43,419	6,807	15.68
Dawro	6,487	1,715	26.44	6,267	1,493	23.82	10,003	1,918	19.17	17,938	3,522	19.63
Basketo Special	1,582	636	40.17	655	293	44.71	1,230	441	35.84	5,283	1,544	29.22
Konta Liyu	2,890	794	27.48	1,606	463	28.86	3,922	1,061	27.06	8,863	1,715	19.35
Silite	28,471	5,082	17.85	14,303	3,411	23.85	23,640	5,385	22.78	95,117	13,069	13.74
Gambela region	15,959	3,733	23.39	6,961	1,079	15.5	11,938	3,380	28.31	55,591	11,398	20.5
Agnuwak	525	140	26.65	245	136	55.38	604	218	36.08	2,617	535	20.45
Nuware	13,556	3,713	27.39	5,128	987	19.25	9,881	3,359	34	45,621	11,333	24.84
Mezhenger	423	222	52.42	458	234	51.02	458	197	43.01	2,452	791	32.27
Itang Special	1,455	282	19.37	1,130	341	30.15	995	227	22.77	4,900	757	15.45
Harari	10,094	1,690	16.74	4,663	710	15.23	10,849	1,773	16.35	39,910	5,217	13.07
Harari	10,094	1,690	16.74	4,663	710	15.23	10,849	1,773	16.35	39,910	5,217	13.07
DirDawaAstedader	31,243	5,515	17.65	15,961	2,049	12.84	26,836	4,814	17.94	109,157	17,506	16.04
Dire Dawa	31,243	5,515	17.65	15,961	2,049	12.84	26,836	4,814	17.94	109,157	17,506	16.04

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	205,172	17,527	8.54	879,800	57,001	6.48	190,113	17,632	9.27	836,049	55,175	6.6
Tigray	-	-	-	2,001	890	44.5	-	-	-	557	404	72.52
North West Tigray	-	-	-	859	641	74.6	-	-	-	-	-	-
Central Tigray	-	-	-	138	137	99.26	-	-	-	-	-	-
Eastern Tigray	-	-	-	557	404	72.52	-	-	-	557	404	72.52
Southern Tigray	-	-	-	447	447	100.16	-	-	-	-	-	-
Western Tigray												
Debub Misrak												
Afar												
Zone_1 (Awsiresu)												
Zone_2 (Kelbetiresu)												
Zone_3 (Gebiresu)												
Zone_4 (Fentiresu)												
Zone_5 (Hariresu)												
Amhara	35,896	7,268	20.25	175,186	24,009	13.7	38,642	7,357	19.04	211,895	31,438	14.84
Semen Gonder	2,747	1,346	49	20,787	6,895	33.17	2,920	1,373	47.02	12,724	5,165	40.59
Debub Gonder	-	-	-	17,528	8,723	49.77	3,252	1,992	61.26	16,091	7,835	48.69
Semen Wello	5,307	2,883	54.32	10,105	4,589	45.42	3,950	2,671	67.63	22,305	9,159	41.06
Debub Wello	47	34	72.52	6,975	2,352	33.73	843	818	97.02	18,863	8,631	45.75
Semen Shewa	10,131	4,267	42.12	31,240	11,209	35.88	14,346	5,206	36.29	48,997	17,639	36
Misrak Gojjam	9,197	3,397	36.94	38,319	11,457	29.9	4,535	2,260	49.83	30,514	9,139	29.95
Mirab Gojjam	735	735	99.92	4,242	2,311	54.46	1,199	1,197	99.83	20,637	11,220	54.37
Waghimra	3,502	1,648	47.06	41,906	12,566	29.99	4,228	1,637	38.72	31,173	13,928	44.68
Awi	4,230	3,113	73.59	4,083	2,456	60.16	3,370	2,038	60.47	10,592	5,232	49.4
Oromiya Liyu Zone	35,896	7,268	20.25	175,186	24,009	13.7	38,642	7,357	19.04	211,895	31,438	14.84
Maekelawi Gonder	2,747	1,346	49	20,787	6,895	33.17	2,920	1,373	47.02	12,724	5,165	40.59
Mirab Gonder												
Oromiya	141,860	15,024	10.59	562,554	49,594	8.82	125,443	15,273	12.18	495,045	42,414	8.57
Mirab Wollega	548	547	99.91	-	-	-	527	526	99.92	1,048	726	69.3
Misrak Wollega	317	317	100.04	634	630	99.37	951	943	99.15	2,535	2,508	98.91
Ilu Ababor	4,825	1,960	40.63	11,754	3,266	27.78	6,302	2,512	39.85	24,890	8,813	35.41
Jimma	3,715	2,215	59.61	30,134	8,230	27.31	5,961	2,110	35.4	23,757	7,312	30.78
Mirab Shewa	37,189	6,830	18.36	84,484	16,995	20.12	34,999	9,975	28.5	108,298	19,697	18.19
Semen Shewa	15,523	5,493	35.39	12,746	4,022	31.55	10,161	4,041	39.77	37,706	10,378	27.52
Misrak Shewa	633	441	69.74	9,430	1,690	17.92	-	-	-	662	461	69.63

Estimates of Horses

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	27,026	8,423	31.17	95,840	19,994	20.86	27,167	7,493	27.58	105,445	23,002	21.81
Mirab Hararghe	499	499	100.03	-	-	-	-	-	-	1,101	772	70.11
Mierak Hararge	4,772	2,779	58.23	44,412	12,262	27.61	3,873	2,093	54.04	12,853	6,484	50.45
Bale	-	-	-	871	423	48.57	254	254	100.02	-	-	-
Borena	3,670	1,359	37.04	40,097	7,805	19.46	4,309	2,450	56.86	17,263	5,906	34.21
Debub Mirab Shewa	8,161	3,831	46.94	63,974	24,244	37.9	8,471	2,994	35.35	42,830	13,599	31.75
Guji	3,428	1,881	54.86	22,318	9,554	42.81	170	170	99.83	11,426	4,552	39.84
Mirab Guji	4,629	1,425	30.79	18,490	3,764	20.36	4,264	1,344	31.52	11,420	3,208	28.09
Oromiya Liyu Zone	22,160	5,899	26.62	112,722	27,471	24.37	14,144	5,042	35.65	78,772	17,754	22.54
Mirab Arsi	3,977	1,898	47.72	9,257	3,325	35.92	2,766	1,533	55.42	10,507	4,989	47.48
Kelem Wollega	788	353	44.8	5,391	1,683	31.21	1,126	605	53.69	4,531	1,572	34.7
Horo Guduru Wollega	27,026	8,423	31.17	95,840	19,994	20.86	27,167	7,493	27.58	105,445	23,002	21.81
Buno Bedele	499	499	100.03	-	-	-	-	-	-	1,101	772	70.11
Somale												
Siti												
Fafan												
Jerer												
Erer												
Korahe												
Shebele												
Dollo												
Afder												
Liben												
Nogob												
Dawa												
Benshangul-Gumuz	221	219	98.92	1,523	845	55.5	207	205	98.92	653	477	73.11
Metekel	221	219	98.92	1,523	845	55.5	207	205	98.92	653	477	73.11
Asosa												
Kemeshi												
Mao Komo												
SNNP	27,147	5,348	19.7	137,788	14,543	10.55	25,820	4,842	18.75	127,898	16,019	12.52
Gurage	5,314	2,267	42.65	12,083	3,200	26.48	5,513	2,502	45.39	23,311	7,926	34
Hadiya	796	555	69.76	10,114	5,741	56.76	1,158	870	75.09	13,172	3,765	28.58
Kembata Tembaro	-	-	-	1,775	932	52.49	227	226	99.79	2,585	1,334	51.61
Sidama	2,078	2,074	99.79	11,516	5,718	49.66	2,167	1,516	69.94	8,532	5,071	59.44
Gedeo	3,240	1,554	47.97	13,836	4,536	32.79	1,081	780	72.18	7,829	3,587	45.82
Welayta	-	-	-	484	484	99.95	-	-	-	-	-	-
Debub Omo	757	363	47.98	3,564	1,438	40.35	1,330	703	52.87	4,310	1,431	33.2

Estimates of Horses

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	703	412	58.66	7,215	2,015	27.93	119	121	100.89	1,375	662	48.14
Kefa	7,731	2,849	36.85	40,750	7,063	17.33	4,953	1,857	37.49	17,191	4,254	24.74
Gamo Gofa	4,581	2,734	59.68	21,225	7,010	33.03	4,300	2,192	50.97	15,603	6,135	39.32
Bench Maji	601	443	73.64	3,025	874	28.91	950	487	51.2	4,571	1,263	27.63
Yem Liyu	35	34	96.7	93	63	67.41	39	38	95.31	204	86	42.31
Segen Akababi Hizboch	-	-	-	1,032	825	79.97	-	-	-	827	606	73.25
Alaba Special	-	-	-	725	433	59.63	103	103	100.09	326	182	55.7
Dawro	358	257	71.83	2,190	877	40.06	-	-	-	275	190	68.98
Basketo Special	-	-	-	139	103	74.62	-	-	-	-	-	-
Konta Liyu	-	-	-	582	281	48.24	56	57	100.73	292	200	68.7
Selite	952	535	56.17	7,440	2,503	33.64	3,823	2,112	55.25	27,496	8,886	32.32
Gambela region	47	47	98.62	667	326	48.96	-	-	-	-	-	-
Agnuwak	47	47	98.62	667	326	48.96	-	-	-	-	-	-
Nuware												
Mehenger												
Itang Special												
Harari												
Harari												
DirDawaAstedader												
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	1,169,640	38,798	3.32	3,709,224	91,760	2.47	1,072,661	37,395	3.49	4,036,238	103,661	2.57
Tigray	94,929	9,528	10.04	414,921	26,585	6.41	80,844	8,242	10.2	310,308	21,368	6.89
North West Tigray	30,256	7,084	23.41	109,119	18,879	17.3	24,979	5,956	23.85	103,718	14,612	14.09
Central Tigray	19,385	3,705	19.11	85,643	13,541	15.81	11,257	2,572	22.85	63,186	9,647	15.27
Eastern Tigray	13,564	2,549	18.79	74,528	8,056	10.81	16,176	3,116	19.26	42,157	6,014	14.27
Southern Tigray	8,743	1,864	21.32	17,816	3,181	17.85	9,807	1,724	17.58	33,901	4,706	13.88
Western Tigray	5,277	1,325	25.1	40,816	4,472	10.96	5,434	2,037	37.48	21,233	4,946	23.29
Debub Misrak	17,704	3,894	21.99	87,000	8,485	9.75	13,191	3,003	22.76	46,113	8,200	17.78
Afar	36,650	6,322	17.25	136,685	18,561	13.58	19,727	4,331	21.95	124,004	19,234	15.51
Zone_1 (Awsiresu)	14,087	5,375	38.15	53,229	16,654	31.29	8,643	3,964	45.87	55,164	17,497	31.72
Zone_2 (Kelbetiresu)	5,785	1,093	18.89	41,071	4,946	12.04	2,795	799	28.6	11,677	2,299	19.69
Zone_3 (Gebiresu)	7,696	2,423	31.48	26,601	6,161	23.16	4,485	1,171	26.11	27,798	5,860	21.08
Zone_4 (Fentiresu)	2,392	654	27.35	5,976	1,047	17.52	1,290	329	25.51	8,569	1,981	23.12
Zone_5 (Hariresu)	6,690	1,893	28.29	9,808	1,905	19.42	2,514	960	38.18	20,797	4,502	21.65
Amhara	481,979	29,389	6.1	1,054,544	53,403	5.06	418,515	24,592	5.88	1,480,691	69,317	4.68
Semen Gonder	22,446	3,860	17.2	53,776	8,566	15.93	23,160	4,491	19.39	71,568	10,178	14.22
Debub Gonder	63,616	8,824	13.87	98,821	13,743	13.91	46,770	7,536	16.11	181,048	18,304	10.11
Semen Wello	37,184	5,915	15.91	83,607	9,819	11.74	36,471	4,988	13.68	118,780	10,990	9.25
Debub Wello	78,145	11,888	15.21	176,396	25,037	14.19	74,546	12,382	16.61	253,365	31,038	12.25
Semen Shewa	86,705	15,803	18.23	193,502	18,705	9.67	66,887	9,027	13.5	221,166	29,993	13.56
Misrak Gojjam	45,032	8,002	17.77	147,524	24,428	16.56	47,459	8,864	18.68	160,098	21,166	13.22
Mirab Gojjam	55,210	10,387	18.81	69,408	17,314	24.94	51,555	10,666	20.69	193,900	32,901	16.97
Waghimra	13,424	2,624	19.55	55,433	8,633	15.57	10,158	1,897	18.67	45,106	4,950	10.97
Awi	13,715	3,705	27.02	35,779	12,105	33.83	10,656	2,765	25.95	26,384	6,211	23.54
Oromiya Liyu Zone	5,543	1,557	28.08	12,423	2,813	22.65	6,100	1,538	25.21	20,767	3,652	17.59
Maekelawi Gonder	58,679	12,205	20.8	103,795	19,634	18.92	44,300	7,881	17.79	185,772	27,829	14.98
Mirab Gonder	2,279	990	43.45	24,080	2,352	9.77	453	261	57.67	2,737	1,088	39.76
Oromiya	402,882	21,234	5.27	1,338,995	59,365	4.43	413,860	24,581	5.94	1,484,905	65,455	4.41
Mirab Wollega	16,230	4,550	28.04	35,262	5,694	16.15	21,864	6,722	30.75	90,136	13,855	15.37
Misrak Wollega	16,522	2,989	18.09	41,096	9,814	23.88	13,583	2,688	19.79	50,436	6,773	13.43
Ilu Ababor	7,272	2,773	38.14	24,062	5,839	24.27	4,254	1,610	37.84	7,266	2,166	29.8
Jimma	10,740	2,874	26.76	89,876	16,956	18.87	16,190	5,706	35.24	62,423	16,214	25.97
Mirab Shewa	35,349	6,190	17.51	46,497	10,476	22.53	39,013	8,685	22.26	116,966	17,649	15.09
Semen Shewa	42,215	4,981	11.8	67,829	13,906	20.5	46,724	7,347	15.73	145,895	11,302	7.75
Misrak Shewa	33,152	5,404	16.3	107,248	12,404	11.57	29,118	5,585	19.18	106,194	11,921	11.23

Estimates of Donkeys

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	62,735	10,215	16.28	207,249	29,718	14.34	65,619	10,416	15.87	244,619	36,030	14.73
Mirab Hararghe	19,071	4,378	22.96	92,476	15,844	17.13	23,465	5,342	22.77	97,887	12,662	12.94
Mierak Hararge	24,628	6,910	28.06	135,818	20,756	15.28	17,901	5,565	31.09	78,876	15,737	19.95
Bale	22,190	5,053	22.77	152,697	17,716	11.6	27,022	6,935	25.66	78,803	16,667	21.15
Borena	5,259	1,099	20.9	22,945	5,261	22.93	8,142	2,628	32.28	26,878	6,872	25.57
Debub Mirab Shewa	19,157	4,335	22.63	51,873	9,726	18.75	17,750	4,249	23.94	82,654	13,628	16.49
Guji	7,812	3,003	38.43	27,157	9,929	36.56	11,683	5,946	50.89	29,878	8,075	27.03
Mirab Guji	7,508	3,247	43.24	13,355	3,335	24.97	289	288	99.69	3,087	1,646	53.31
Oromiya Liyu Zone	21,791	4,353	19.98	59,056	8,663	14.67	22,665	4,750	20.96	75,544	11,844	15.68
Mirab Arsi	26,890	6,164	22.92	98,659	16,026	16.24	26,811	6,007	22.4	105,299	21,367	20.29
Kelem Wollega	5,379	2,036	37.86	22,618	10,738	47.48	7,365	3,762	51.08	32,142	16,256	50.58
Horo Guduru Wollega	15,970	3,761	23.55	36,697	7,368	20.08	11,311	2,399	21.21	37,088	6,644	17.91
Buno Bedele	3,013	1,185	39.33	6,526	2,133	32.68	3,093	998	32.26	12,833	2,758	21.49
Somale	80,844	4,436	5.49	355,961	18,553	5.21	62,015	6,297	10.15	273,764	16,853	6.16
Siti	1,605	388	24.17	9,060	1,567	17.3	1,310	372	28.37	5,046	1,145	22.69
Fafan	13,216	1,711	12.94	37,750	2,728	7.23	4,776	803	16.82	23,632	2,484	10.51
Jerer	3,836	974	25.38	35,098	3,355	9.56	2,276	710	31.21	13,279	2,391	18
Erer	5,860	-	-	18,614	-	-	6,329	-	-	12,394	-	-
Korahe	3,533	-	-	12,397	-	-	2,888	-	-	9,803	-	-
Shebele	11,210	-	-	20,803	-	-	8,145	-	-	20,941	-	-
Dollo	125	-	-	940	-	-	194	-	-	137	-	-
Afder	11,562	1,918	16.59	79,407	5,435	6.85	11,365	2,900	25.52	80,608	9,470	11.75
Liben	26,139	3,389	12.97	133,426	17,083	12.8	22,178	5,443	24.54	97,753	13,322	13.63
Nogob	282	-	-	1,269	-	-	287	-	-	532	-	-
Dawa	3,475	699	20.12	7,197	1,293	17.97	2,267	564	24.89	9,638	1,917	19.89
Benshangul-Gumuz	7,015	1,396	19.9	37,408	5,369	14.35	5,260	1,268	24.12	12,901	2,319	17.98
Metekel	2,877	603	20.96	7,909	1,519	19.21	2,924	845	28.91	7,398	1,759	23.78
Asosa	2,634	994	37.73	24,378	4,600	18.87	1,857	899	48.42	4,055	1,286	31.72
Kemeshi	1,353	770	56.91	4,713	2,314	49.09	285	283	99.09	1,123	790	70.36
Mao Komo	152	68	44.56	408	85	20.81	194	76	39.18	325	79	24.27
SNNP	59,480	6,085	10.23	356,873	24,784	6.94	68,228	7,789	11.42	334,013	23,144	6.93
Gurage	8,600	2,430	28.25	51,823	10,923	21.08	15,397	4,000	25.98	46,381	9,764	21.05
Hadiya	13,185	2,977	22.58	69,329	10,037	14.48	10,011	2,364	23.61	78,482	10,593	13.5
Kembata Tembaro	3,935	1,543	39.22	42,327	5,735	13.55	953	577	60.59	7,746	3,493	45.09
Sidama	2,820	1,987	70.47	54,981	13,942	25.36	1,306	1,305	99.93	10,505	5,243	49.91
Gedeo	317	316	99.91	2,751	1,229	44.68	-	-	-	-	-	-
Welayta	3,658	1,791	48.97	30,680	5,701	18.58	3,579	1,994	55.72	9,623	5,377	55.88
Debub Omo	2,005	854	42.6	5,893	1,651	28.02	3,718	1,828	49.15	10,294	3,206	31.14

Estimates of Donkeys

Geographic Area	MALE							FEMALE						
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER				
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV		
Sheka	-	-	-	1,892	856	45.25	-	-	-	-	-	-		
Kefa	666	662	99.46	5,126	2,995	58.43	206	207	100.14	2,647	2,323	87.75		
Gamo Gofa	4,338	2,219	51.16	21,307	6,790	31.87	7,075	3,603	50.92	20,461	7,101	34.71		
Bench Maji	539	399	73.97	1,054	485	46.03	163	163	100.14	179	179	99.97		
Yem Liyu	352	119	33.67	1,427	363	25.41	555	304	54.85	3,023	1,097	36.28		
Segen Akababi Hizboch	4,013	1,342	33.45	23,377	5,488	23.48	4,207	1,771	42.1	9,520	3,148	33.07		
Alaba Special	3,918	520	13.28	11,329	1,753	15.48	6,736	1,001	14.86	32,376	3,348	10.34		
Dawro	346	190	55.11	3,816	918	24.05	246	241	97.96	462	219	47.35		
Basketo Special	78	78	99.54	252	139	55.08	42	43	102.94	693	241	34.7		
Konta Liyu	-	-	-	736	302	41.05	-	-	-	64	65	101.49		
Silite	10,712	2,060	19.23	28,771	6,316	21.95	14,035	3,520	25.08	101,556	13,074	12.87		
Gambela region	50	42	84.85	115	59	51.28	-	-	-	44	42	95.88		
Agnuwak	50	42	84.85	115	59	51.28	-	-	-	44	42	95.88		
Nuware	2,115	715	33.8	7,390	2,023	27.37	1,447	552	38.17	3,697	1,043	28.21		
Mezhenger	2,115	715	33.8	7,390	2,023	27.37	1,447	552	38.17	3,697	1,043	28.21		
Itang Special	3,695	863	23.34	6,331	1,122	17.72	2,764	718	25.97	11,911	1,939	16.28		
Harari	3,695	863	23.34	6,331	1,122	17.72	2,764	718	25.97	11,911	1,939	16.28		
Harari	-	-	-	1,892	856	45.25	-	-	-	-	-	-		
DirDawaAstedader	666	662	99.46	5,126	2,995	58.43	206	207	100.14	2,647	2,323	87.75		
Dire Dawa	4,338	2,219	51.16	21,307	6,790	31.87	7,075	3,603	50.92	20,461	7,101	34.71		

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	19,732	4,303	21.81	163,650	14,745	9.01	18,380	3,757	20.44	155,841	15,281	9.81
Tigray	-	-	-	6,093	2,129	34.94	-	-	-	1,985	975	49.1
North West Tigray	-	-	-	695	694	99.93	-	-	-	695	694	99.93
Central Tigray	-	-	-	1,307	1,299	99.39	-	-	-	509	509	100
Eastern Tigray	-	-	-	3,615	1,499	41.48	-	-	-	193	192	99.37
Southern Tigray	-	-	-	198	198	99.99	-	-	-	286	285	99.71
Western Tigray	-	-	-	279	279	99.81	-	-	-	302	301	99.68
Debub Misrak	19,732	4,303	21.81	163,650	14,745	9.01	18,380	3,757	20.44	155,841	15,281	9.81
Afar												
Zone_1 (Awsiresu)												
Zone_2 (Kelbetiresu)												
Zone_3 (Gebiresu)												
Zone_4 (Fentiresu)												
Zone_5 (Hariresu)												
Amhara	12,671	3,478	27.45	78,928	11,856	15.02	11,843	2,999	25.32	81,215	11,361	13.99
Semen Gonder	401	401	99.86	5,799	1,859	32.06	413	412	99.76	4,155	1,484	35.71
Debub Gonder	1,792	1,027	57.3	5,612	2,728	48.6	1,851	1,056	57.04	14,893	5,664	38.03
Semen Wello	-	-	-	3,669	1,760	47.98	3,034	1,228	40.45	9,258	2,778	30.01
Debub Wello	7	10	142.39	13,903	5,691	40.94	771	769	99.73	7,114	3,508	49.32
Semen Shewa	500	499	99.85	1,420	1,007	70.96	1,736	1,388	79.98	1,893	1,103	58.27
Misrak Gojjam	2,070	1,545	74.67	13,729	7,627	55.56	-	-	-	5,650	2,054	36.34
Mirab Gojjam	5,415	2,640	48.75	20,365	5,189	25.48	2,816	1,791	63.6	29,039	8,023	27.63
Waghimra	-	-	-	848	403	47.5	-	-	-	1,078	539	50.04
Awi	1,839	927	50.39	11,122	2,548	22.91	1,221	689	56.42	4,142	1,275	30.77
Oromiya Liyu Zone	-	-	-	-	-	-	-	-	-	204	205	100.1
Maekelawi Gonder	647	647	99.94	2,409	1,188	49.31	-	-	-	3,787	1,733	45.75
Mirab Gonder	-	-	-	54	53	98.53	-	-	-	-	-	-
Oromiya	2,790	1,966	70.46	47,469	7,110	14.98	3,048	1,731	56.78	55,048	9,724	17.66
Mirab Wollega	-	-	-	521	521	99.92	-	-	-	1,675	933	55.68
Misrak Wollega	-	-	-	1,644	817	49.65	-	-	-	2,385	978	41
Ilu Ababor	-	-	-	3,118	1,039	33.32	316	316	99.91	1,381	660	47.77
Jimma	1,760	1,755	99.71	6,154	2,402	39.03	2,129	1,635	76.76	12,248	4,782	39.05
Mirab Shewa	876	874	99.81	3,268	1,666	50.98	-	-	-	2,999	1,920	64.03
Semen Shewa	-	-	-	-	-	-	-	-	-	962	668	69.48
Misrak Shewa	-	-	-	4,516	1,926	42.66	-	-	-	-	-	-

Estimates of Mules

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	-	-	-	8,399	3,909	46.54	-	-	-	19,876	7,540	37.93
Mirab Hararghe	-	-	-	-	-	-	-	-	-	494	494	100.01
Mierak Hararge	-	-	-	10,340	3,607	34.89	-	-	-	2,461	1,104	44.88
Bale	-	-	-	339	192	56.65	-	-	-	382	283	74.01
Borena	-	-	-	1,980	1,141	57.62	448	448	100	2,417	915	37.86
Debub Mirab Shewa	-	-	-	753	752	99.87	-	-	-	1,086	809	74.5
Guji	-	-	-	-	-	-	-	-	-	4,013	2,023	50.42
Mirab Guji	-	-	-	3,027	1,727	57.06	-	-	-	865	618	71.41
Oromiya Liyu Zone	-	-	-	1,607	1,600	99.62	-	-	-	451	450	99.76
Mirab Arsi	155	152	97.96	1,375	699	50.8	155	152	97.96	1,211	842	69.56
Kelem Wollega	-	-	-	426	238	55.75	-	-	-	142	140	99.16
Horo Guduru Wollega	-	-	-	8,399	3,909	46.54	-	-	-	19,876	7,540	37.93
Buno Bedele	-	-	-	-	-	-	-	-	-	494	494	100.01
Somale	-	-	-	398	193	48.33	-	-	-	131	-	-
Siti	-	-	-	268	193	71.88	-	-	-	-	-	-
Fafan	-	-	-	131	-	-	-	-	-	131	-	-
Jerer	-	-	-	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-	-	-	-
Nogob	-	-	-	-	-	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	1,593	589	37.01	169	168	99.41	943	515	54.68
Metekel	-	-	-	1,575	589	37.4	169	168	99.41	925	515	55.67
Asosa	-	-	-	17	17	97.78	-	-	-	17	18	104.67
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	1,593	589	37.01	169	168	99.41	943	515	54.68
SNNP	4,222	1,598	37.85	28,996	4,620	15.93	3,320	1,448	43.61	16,141	2,930	18.15
Gurage	434	433	99.94	1,281	719	56.17	867	605	69.74	407	406	99.94
Hadiya	350	350	99.92	3,466	1,538	44.36	-	-	-	789	549	69.63
Kembata Tembaro	-	-	-	251	250	99.78	-	-	-	244	244	100.05
Sidama	-	-	-	-	-	-	1,128	1,127	99.94	1,170	1,169	99.9
Gedeo	363	363	99.86	1,192	587	49.25	-	-	-	414	414	99.84
Welayta	346	346	100.01	1,231	1,226	99.58	346	346	100.01	410	411	100.21
Debub Omo	-	-	-	1,047	396	37.79	169	169	99.57	1,375	628	45.7

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	-	-	-	1,424	793	55.71	-	-	-	156	155	99.37
Kefa	1,011	568	56.17	5,536	1,722	31.1	-	-	-	4,519	1,497	33.12
Gamo Gofa	1,257	1,251	99.51	6,169	2,931	47.52	512	511	99.86	3,835	1,551	40.44
Bench Maji	198	198	99.79	1,112	799	71.86	206	204	99.28	1,181	981	83.04
Yem Liyu	-	-	-	93	63	67.41	-	-	-	103	55	53.66
Segen Akababi Hizboch	-	-	-	1,247	846	67.8	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	263	255	97.16	2,919	1,311	44.9	91	90	98.38	881	432	49.07
Basketo Special	-	-	-	162	78	48.01	-	-	-	173	82	47.35
Konta Liyu	-	-	-	727	674	92.8	-	-	-	133	92	69.39
Silite	-	-	-	1,138	818	71.9	-	-	-	350	350	99.9
Gambela region	48	48	98.64	173	131	75.39	-	-	-	192	185	96.14
Agnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	48	48	98.64	173	131	75.39	-	-	-	192	185	96.14
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-	-	-	-
DirDawaAstedader	-	-	-	-	-	-	-	-	-	-	-	-
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
National	854,377	68,887	8.06	1,394,121	125,290	8.99	1,273,938	149,126	11.71	4,180,057	407,048	9.74
Tigray	1,699	1,061	62.43	44,532	9,319	20.93	-	-	-	204	204	99.83
Semen Mirab	-	-	-	18,423	6,257	33.96	-	-	-	-	-	-
Mehakelawi	846	841	99.44	10,499	4,382	41.74	-	-	-	-	-	-
Debubawi	594	592	99.75	6,416	3,586	55.89	-	-	-	204	204	99.83
Mirabawi	-	-	-	6,603	3,009	45.58	-	-	-	-	-	-
Debub Misrak	259	258	99.57	2,592	2,567	99.01	-	-	-	-	-	-
Afar	124,436	23,894	19.2	213,796	40,199	18.8	191,908	35,737	18.62	632,170	100,152	15.84
Zone_1 (Awsiresu)	50,029	19,750	39.48	100,001	33,519	33.52	76,057	27,941	36.74	242,537	76,469	31.53
Zone_2 (Kelbetiresu)	13,584	3,985	29.33	15,235	4,643	30.48	32,592	11,827	36.29	85,100	26,129	30.7
Zone_3 (Gebiresu)	35,130	10,767	30.65	63,487	19,600	30.87	51,373	16,869	32.84	197,187	54,845	27.81
Zone_4 (Fentiresu)	5,877	1,591	27.06	5,644	1,534	27.19	6,946	2,542	36.6	30,739	10,296	33.49
Zone_5 (Hariresu)	19,815	6,818	34.41	29,430	9,185	31.21	24,941	8,096	32.46	76,608	19,654	25.66
Amhara	1,853	1,060	57.21	47,614	13,947	29.29	-	-	-	-	-	-
Semen Wello	-	-	-	20,430	11,670	57.12	-	-	-	-	-	-
Debub Wello	-	-	-	4,552	3,128	68.71	-	-	-	-	-	-
Semen Shewa	-	-	-	12,764	5,565	43.6	-	-	-	-	-	-
Oromiya Liyu Zone	1,853	1,060	57.21	9,420	4,185	44.43	-	-	-	-	-	-
Mirab Gonder	-	-	-	449	258	57.5	-	-	-	-	-	-
Oromiya	46,218	10,138	21.94	50,127	13,698	27.33	50,656	11,165	22.04	147,330	31,627	21.47
Misrak Shewa	4,804	4,761	99.1	9,974	7,859	78.79	6,886	5,873	85.29	17,368	17,200	99.03
Arsi	1,179	1,179	99.97	-	-	-	-	-	-	-	-	-
Mirab Hararghe	4,332	2,338	53.96	3,199	1,747	54.62	4,170	2,516	60.34	15,276	9,265	60.65
Mierak Hararge	2,058	1,243	60.38	-	-	-	1,009	1,009	100	390	390	100.09
Bale	22,309	7,855	35.21	20,657	10,037	48.59	21,896	7,654	34.96	58,251	19,578	33.61
Borena	10,065	2,804	27.86	14,825	4,463	30.1	14,488	4,405	30.4	48,687	13,472	27.67
Guji	1,472	1,467	99.66	1,472	1,469	99.83	2,207	2,200	99.68	7,358	7,326	99.57
Somalie	677,766	63,789	9.41	1,034,325	116,667	11.28	1,029,844	144,349	14.02	3,390,417	393,248	11.6
Siti	2,181	722	33.1	2,958	1,075	36.33	2,347	931	39.68	6,226	1,996	32.05
Fafan	36,224	6,507	17.96	54,805	11,783	21.5	56,102	12,748	22.72	131,207	34,309	26.15
Jerer	207,635	36,892	17.77	460,800	109,566	23.78	211,745	36,355	17.17	909,134	204,310	22.47
Erer	52,107	-	-	121,500	-	-	130,088	-	-	298,456	-	-
Korahe	61,351	-	-	72,091	-	-	79,843	-	-	166,186	-	-
Shebele	23,885	-	-	43,321	-	-	24,557	-	-	138,404	-	-
Dollo	54,917	-	-	32,873	-	-	68,380	-	-	216,999	-	-
Afder	61,988	11,906	19.21	71,917	17,626	24.51	104,599	29,057	27.78	442,108	101,117	22.87

Estimates of Camels

Geographic Area	MALE						FEMALE					
	<4YEARS			4YEARS & OLDER			<4YEARS			4YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Liben	147,216	49,200	33.42	144,031	33,338	23.15	292,463	134,747	46.07	914,078	313,778	34.33
Nogob	5,816	-	-	9,275	-	-	14,698	-	-	26,807	-	-
Dawa	24,447	10,139	41.47	20,753	6,653	32.06	45,021	18,724	41.59	140,811	55,125	39.15
Hareri	367	364	99.09	184	181	98.59	-	-	-	184	185	100.59
Hareri	367	364	99.09	184	181	98.59	-	-	-	184	185	100.59
Dire Dawa Astedadar	2,037	578	28.35	3,543	1,245	35.15	1,530	529	34.61	9,752	3,725	38.2
Dire Dawa Astedadar	2,037	578	28.35	3,543	1,245	35.15	1,530	529	34.61	9,752	3,725	38.2

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	48,955,675	1,010,638	2.06	5,909,081	153,988	2.61	2,628,359	108,226	4.12	5,228,980	176,072	3.37	2,323,074	118,04	5	5.08	14,862,312	489,406	3.29	18,003,870	325,132	1.81
Tigray	6,317,518	358,646	5.68	566,311	35,733	6.31	375,264	39,522	10.53	781,141	88,373	11.31	360,471	47,430	13.16	2,143,871	192,154	8.96	2,090,458	94,188	4.51	
North West Tigray	2,416,962	288,182	11.92	193,478	24,456	12.64	141,071	28,926	20.5	257,029	42,509	16.54	151,195	40,115	26.53	1,010,136	151,682	15.02	664,053	64,881	9.77	
Central Tigray	1,226,139	122,474	9.99	110,273	16,174	14.67	53,429	10,636	19.91	118,381	18,001	15.21	95,630	20,857	21.81	419,191	86,147	20.55	429,236	46,829	10.91	
Eastern Tigray	837,439	90,741	10.84	78,731	11,207	14.23	59,042	15,674	26.55	144,510	66,008	45.68	28,545	7,670	26.87	148,622	24,074	16.2	377,989	32,315	8.55	
Southern Tigray	352,624	33,121	9.39	44,997	6,082	13.52	17,223	4,295	24.93	40,128	8,908	22.2	24,043	6,379	26.53	111,660	20,064	17.97	114,573	8,746	7.63	
Western Tigray	830,957	128,303	15.44	69,199	11,241	16.24	78,265	17,146	21.91	136,165	29,843	21.92	34,878	7,556	21.66	317,551	60,321	19	194,900	23,115	11.86	
Debub Misrak	653,397	69,178	10.59	69,633	11,323	16.26	26,234	7,351	28.02	84,928	18,758	22.09	26,181	6,981	26.67	136,713	43,289	31.66	309,708	28,529	9.21	
Afar	92,941	32,217	34.66	17,584	6,129	34.86	3,697	1,946	52.64	8,295	3,400	40.99	6,979	2,594	37.17	29,413	12,474	42.41	26,973	8,843	32.78	
Zone_1 (Awsiresu)	2,172	1,532	70.5	328	327	99.79	-	-	-	-	-	-	574	572	99.67	-	-	-	1,270	1,010	79.47	
Zone_2 (Kelbetiresu)	8,748	4,411	50.43	1,242	594	47.81	812	504	62.08	904	447	49.47	380	261	68.68	1,292	1,271	98.36	4,118	2,628	63.82	
Zone_3 (Gebiresu)	39,245	17,545	44.71	8,799	4,070	46.25	1,758	1,698	96.54	3,156	1,820	57.66	4,132	2,220	53.72	10,419	5,045	48.42	10,981	5,349	48.71	
Zone_4 (Fentiresu)	686	463	67.51	49	47	96.93	-	-	-	127	87	68.43	107	106	99.22	-	-	-	404	278	68.78	
Zone_5 (Hariresu)	42,090	26,610	63.22	7,167	4,533	63.25	1,127	807	71.67	4,108	2,836	69.03	1,786	1,181	66.13	17,702	11,338	64.05	10,200	6,449	63.23	
Amhara	16,827,119	756,642	4.5	1,677,659	100,241	5.98	964,862	73,717	7.64	1,948,672	118,781	6.1	718,594	80,083	11.14	5,980,785	376,815	6.3	5,536,547	216,308	3.91	
Semen Gonder	1,436,676	153,516	10.69	148,009	12,807	8.65	94,183	18,567	19.71	167,624	28,031	16.72	34,394	10,024	29.14	643,755	92,631	14.39	348,712	22,991	6.59	
Debub Gonder	1,749,428	216,459	12.37	174,377	49,097	28.16	117,468	23,512	20.02	219,763	42,307	19.25	106,859	35,262	33	588,978	94,865	16.11	541,983	44,629	8.23	
Semen Wello	1,205,943	123,994	10.28	225,116	52,642	23.38	45,199	6,128	13.56	131,633	23,088	17.54	56,009	16,908	30.19	319,415	53,580	16.77	428,571	43,520	10.15	
Debub Wello	1,683,956	206,791	12.28	221,874	33,569	15.13	71,915	18,244	25.37	184,836	29,892	16.17	48,330	11,680	24.17	451,160	87,568	19.41	705,839	87,599	12.41	
Semen Shewa	1,578,906	109,032	6.91	169,924	14,874	8.75	49,268	8,050	16.34	165,856	31,113	18.76	71,970	15,431	21.44	292,390	42,000	14.36	829,499	80,735	9.73	
Misrak Gojjam	1,056,961	136,100	12.88	96,166	16,508	17.17	34,124	10,016	29.35	90,371	17,422	19.28	74,167	17,567	23.69	257,287	48,435	18.83	504,846	74,505	14.76	
Mirab Gojjam	2,616,075	393,747	15.05	152,969	26,097	17.06	149,713	35,246	23.54	320,702	57,942	18.07	80,529	21,548	26.76	1,146,527	218,782	19.08	765,635	94,575	12.35	
Waghimra	440,687	55,432	12.58	55,416	7,365	13.29	25,634	5,053	19.71	47,481	7,433	15.65	15,044	3,265	21.7	154,202	28,349	18.38	142,909	17,063	11.94	
Awi	1,189,280	198,250	16.67	108,985	30,861	28.32	91,663	25,159	27.45	132,111	27,508	20.82	57,003	23,896	41.92	448,180	78,989	17.62	351,338	66,474	18.92	
Oromiya Liyu Zone	245,513	33,719	13.73	33,052	6,251	18.91	12,334	4,092	33.18	28,412	6,363	22.4	11,282	3,229	28.62	70,307	13,423	19.09	90,127	18,322	20.33	
Maekelawi Gonder	3,310,498	461,000	13.93	263,357	36,400	13.82	241,412	45,073	18.67	416,171	67,584	16.24	138,879	54,888	39.52	1,485,329	232,884	15.68	765,351	92,541	12.09	
Mirab Gonder	313,197	49,671	15.86	28,416	5,486	19.31	31,950	7,219	22.59	43,714	7,617	17.42	24,128	5,595	23.19	123,254	20,903	16.96	61,735	8,838	14.32	
Oromiya	16,668,657	478,578	2.87	2,451,101	93,168	3.8	767,650	52,164	6.8	1,469,690	76,755	5.22	810,278	62,546	7.72	4,095,092	204,290	4.99	7,074,846	200,065	2.83	
Mirab Wollega	1,139,366	121,529	10.67	174,803	24,654	14.1	124,041	29,617	23.88	153,282	23,615	15.41	38,990	16,940	43.45	261,332	50,461	19.31	386,918	29,089	7.52	
Misrak Wollega	770,250	95,989	12.46	109,348	15,169	13.87	42,522	12,156	28.59	85,081	16,858	19.81	18,031	5,660	31.39	260,592	47,141	18.09	254,676	21,762	8.55	
Ilu Ababor	824,610	82,407	9.99	147,884	17,435	11.79	39,646	8,308	20.96	77,992	20,534	26.33	44,680	12,237	27.39	145,135	19,238	13.26	369,273	31,567	8.55	
Jimma	1,868,113	195,997	10.49	253,834	31,733	12.5	47,441	11,593	24.44	119,826	21,614	18.04	73,444	23,475	31.96	635,236	109,905	17.3	738,331	62,438	8.46	
Mirab Shewa	1,273,221	117,216	9.21	152,802	23,474	15.36	54,939	14,966	27.24	121,757	22,710	18.65	60,318	15,109	25.05	340,930	61,462	18.03	542,475	46,077	8.49	
Semen Shewa	745,159	77,105	10.35	81,109	13,275	16.37	36,213	8,568	23.66	75,009	15,313	20.42	33,612	7,877	23.43	164,923	36,956	22.41	354,293	37,836	10.68	
Misrak Shewa	701,129	65,507	9.34	107,013	13,580	12.69	31,623	8,430	26.66	51,231	9,652	18.84	35,828	7,885	22.01	159,707	28,584	17.9	315,727	33,281	10.54	

Estimates of Poultry

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
Arsi	1,460,723	170,894	11.7	225,551	31,244	13.85	65,184	17,375	26.65	104,005	24,668	23.72	93,043	29,548	31.76	230,698	56,802	24.62	742,243	83,377	11.23
Mirab Hararghe	984,844	113,475	11.52	137,432	23,555	17.14	40,268	9,023	22.41	79,497	15,394	19.36	39,624	12,245	30.9	303,497	45,268	14.92	384,526	40,954	10.65
Mierak Hararge	1,478,465	141,239	9.55	233,820	27,004	11.55	56,138	12,016	21.4	122,427	29,259	23.9	66,270	24,637	37.18	348,240	44,825	12.87	651,570	69,201	10.62
Bale	681,585	100,450	14.74	105,768	16,850	15.93	25,201	6,607	26.22	51,942	10,758	20.71	57,951	11,558	19.94	175,031	36,944	21.11	265,692	40,130	15.1
Borena	161,860	34,486	21.31	28,680	7,658	26.7	8,130	2,261	27.82	14,861	3,779	25.43	13,427	3,804	28.33	34,382	13,223	38.46	62,379	12,373	19.83
Debub Mirab Shewa	715,839	64,151	8.96	87,235	11,156	12.79	48,442	11,700	24.15	73,896	8,571	11.6	26,344	7,842	29.77	148,497	28,689	19.32	331,425	30,801	9.29
Guji	823,798	130,958	15.9	169,684	26,721	15.75	26,707	7,281	27.26	50,801	15,020	29.57	48,935	13,633	27.86	173,458	47,419	27.34	354,214	61,507	17.36
Mirab Guji	365,769	71,221	19.47	75,381	20,807	27.6	11,881	4,097	34.49	37,597	11,950	31.79	17,255	6,542	37.91	86,106	22,122	25.69	137,549	27,261	19.82
Oromiya Liyu Zone	506,371	39,222	7.75	42,888	6,091	14.2	23,687	5,061	21.37	61,115	11,576	18.94	37,917	11,456	30.21	98,086	19,122	19.5	242,679	18,449	7.6
Mirab Arsi	731,044	100,553	13.75	102,510	20,055	19.56	25,164	8,768	34.84	63,169	20,421	32.33	49,303	15,253	30.94	133,072	30,826	23.17	357,827	47,643	13.31
Kelem Wollega	744,096	145,062	19.49	115,562	35,133	30.4	32,052	14,562	45.43	62,152	20,380	32.79	22,799	6,884	30.2	170,399	61,522	36.1	341,133	74,925	21.96
Horo Guduru Wollega	442,035	52,924	11.97	60,493	6,852	11.33	22,579	4,690	20.77	51,058	8,317	16.29	23,898	7,332	30.68	153,186	29,665	19.37	130,820	12,201	9.33
Buno Bedele	250,379	27,059	10.81	39,304	4,993	12.7	5,791	2,138	36.92	12,992	2,878	22.15	8,610	2,537	29.47	72,586	13,770	18.97	111,095	10,939	9.85
Somale	1,934,671	53,608	15.13	67,212	10,838	16.12	18,643	4,234	22.71	20,394	4,672	22.91	57,223	11,493	20.08	97,734	19,974	20.44	93,060	13,819	14.85
Siti	6,286	1,646	26.18	1,721	464	26.95	-	-	-	316	252	79.6	314	159	50.71	1,242	610	49.1	2,692	702	26.06
Fafan	17,497	7,102	40.59	4,707	1,946	41.34	1,939	1,231	63.47	818	593	72.47	2,383	1,122	47.08	1,607	999	62.14	6,042	2,614	43.26
Jerer	1,911	-	-	225	-	-	225	-	-	337	-	-	-	-	-	-	-	-	1,124	-	-
Erer	1,265	-	-	326	-	-	-	-	-	-	-	-	326	-	-	-	-	-	613	-	-
Korahe	8,617	-	-	1,183	-	-	1,029	-	-	1,029	-	-	1,029	-	-	2,058	-	-	2,289	-	-
Shebele	93,723	37,560	40.08	19,444	8,005	41.17	4,558	2,649	58.13	1,021	786	76.95	16,048	5,974	37.23	31,802	14,974	47.09	20,851	8,189	39.28
Dollo	199,832	35,888	17.96	35,161	6,699	19.05	9,304	2,929	31.48	15,463	4,512	29.18	32,676	9,471	28.98	53,655	12,653	23.58	53,574	10,594	19.78
Afder	25,134	11,044	43.94	4,446	2,122	47.74	1,588	905	57.02	1,410	657	46.63	4,447	2,329	52.37	7,370	3,640	49.39	5,874	2,086	35.51
Liben	884,660	75,555	8.54	93,950	10,044	10.69	76,816	12,411	16.16	126,428	19,400	15.34	33,158	8,386	25.29	344,329	37,470	10.88	209,979	17,524	8.35
Nogob	335,981	45,229	13.46	37,126	6,526	17.58	26,841	6,369	23.73	49,710	7,572	15.23	11,128	2,754	24.75	122,278	21,367	17.47	88,899	11,988	13.49
Dawa	359,765	47,998	13.34	39,242	7,222	18.4	27,574	7,138	25.89	35,175	7,518	21.37	16,476	7,720	46.85	154,784	27,299	17.64	86,515	11,409	13.19
Benshangul-Gumuz	157,191	36,725	23.36	13,454	2,424	18.02	20,659	7,895	38.21	38,050	16,191	42.55	3,221	1,712	53.14	53,951	14,118	26.17	27,855	5,720	20.54
Metekel	31,723	3,202	10.09	4,128	505	12.24	1,742	437	25.08	3,494	600	17.16	2,334	465	19.95	13,316	1,717	12.9	6,710	696	10.37
Asosa	7,347,205	284,272	3.87	964,833	58,467	6.06	392,465	42,562	10.84	811,995	52,387	6.45	321,779	33,721	10.48	2,062,136	129,761	6.29	2,793,997	96,480	3.45
Kemeshi	473,360	44,169	9.33	71,545	8,753	12.23	14,046	5,346	38.06	59,987	13,768	22.95	30,789	9,786	31.78	50,637	15,727	31.06	246,355	27,456	11.14
Mao Komo	724,972	76,202	10.51	72,410	11,250	15.54	41,023	19,202	46.81	85,561	28,162	32.91	14,666	4,392	29.94	265,277	42,707	16.1	246,035	21,351	8.68
SNNP	243,969	26,329	10.79	25,411	5,759	22.66	8,381	2,240	26.73	21,538	4,620	21.45	11,350	3,851	33.93	73,534	17,591	23.92	103,755	9,492	9.15
Gurage	1,370,350	197,858	14.44	181,626	45,810	25.22	44,593	21,091	47.3	81,664	20,750	25.41	52,617	24,109	45.82	479,232	93,107	19.43	530,618	66,728	12.58
Hadiya	135,324	19,009	14.05	29,888	5,926	19.83	4,449	1,533	34.45	21,039	4,221	20.06	8,366	3,877	46.35	8,060	3,629	45.02	63,522	9,080	14.29
Kembata Tembaro	573,468	59,644	10.4	59,152	10,062	17.01	44,644	14,499	32.48	78,905	14,754	18.7	29,542	8,207	27.78	183,114	25,023	13.67	178,111	17,705	9.94
Sidama	347,078	63,805	18.38	59,736	9,988	16.72	16,627	4,360	26.22	40,847	11,325	27.73	8,018	2,383	29.72	112,278	24,658	21.96	109,571	19,751	18.03
Gedeo	1,460,723	170,894	11.7	225,551	31,244	13.85	65,184	17,375	26.65	104,005	24,668	23.72	93,043	29,548	31.76	230,698	56,802	24.62	742,243	83,377	11.23
Welayta	984,844	113,475	11.52	137,432	23,555	17.14	40,268	9,023	22.41	79,497	15,394	19.36	39,624	12,245	30.9	303,497	45,268	14.92	384,526	40,954	10.65
Debub Omo	1,478,465	141,239	9.55	233,820	27,004	11.55	56,138	12,016	21.4	122,427	29,259	23.9	66,270	24,637	37.18	348,240	44,825	12.87	651,570	69,201	10.62

Estimates of Poultry

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
Sheka	120,384	13,893	11.54	17,427	2,806	16.1	12,438	3,335	26.82	26,560	4,825	18.17	3,923	1,093	27.87	12,125	3,468	28.6	47,911	6,054	12.64
Kefa	817,397	76,453	9.35	116,865	18,100	15.49	46,101	8,435	18.3	114,267	17,933	15.69	20,605	8,295	40.26	225,919	34,274	15.17	293,640	23,056	7.85
Gamo Gofa	727,024	85,014	11.69	85,007	15,390	18.1	77,966	22,287	28.59	72,298	13,833	19.13	37,006	9,425	25.47	154,851	26,056	16.83	299,896	30,582	10.2
Bench Maji	361,868	67,157	18.56	48,271	7,309	15.14	26,999	10,090	37.37	57,734	13,467	23.33	15,057	3,789	25.16	113,984	36,503	32.02	99,823	12,774	12.8
Yem Liyu	52,069	23,710	45.54	6,778	2,922	43.1	451	159	35.24	1,960	864	44.08	3,545	1,982	55.92	17,095	11,003	64.37	22,240	7,471	33.59
Segen Akababi Hizboch	479,713	61,864	12.9	82,267	11,962	14.54	24,528	5,497	22.41	50,841	10,169	20	30,587	9,434	30.84	121,640	21,954	18.05	169,850	23,295	13.71
Alaba Special	144,927	15,091	10.41	13,951	2,252	16.14	6,204	1,800	29.01	17,977	3,609	20.08	6,224	1,212	19.47	53,530	8,040	15.02	47,042	5,238	11.14
Dawro	183,555	26,210	14.28	26,878	3,876	14.42	7,384	1,731	23.44	20,033	4,157	20.75	16,673	4,683	28.09	50,184	11,766	23.44	62,402	7,107	11.39
Basketo Special	37,335	5,013	13.43	6,390	1,118	17.5	1,124	533	47.45	2,836	506	17.83	3,860	796	20.63	10,204	2,274	22.29	12,920	2,313	17.9
Konta Liyu	85,110	8,750	10.28	13,719	1,426	10.39	4,358	939	21.54	10,370	1,282	12.36	4,023	1,301	32.32	23,449	4,734	20.19	29,191	3,783	12.96
Silite	469,301	45,177	9.63	47,512	6,828	14.37	11,149	3,790	34	47,578	9,603	20.18	24,928	6,788	27.23	107,021	22,567	21.09	231,114	20,178	8.73
Gambela region	229,151	18,134	7.91	38,964	4,199	10.78	19,270	1,962	10.18	28,684	3,066	10.69	1,465	609	41.57	68,689	6,193	9.02	72,078	6,571	9.12
Agnuwak	26,328	5,095	19.35	3,354	687	20.49	2,783	791	28.42	3,324	795	23.91	187	115	61.12	10,604	2,207	20.81	6,075	1,107	18.23
Nuware	107,672	12,082	11.22	20,705	3,260	15.74	8,370	1,299	15.52	10,815	1,571	14.52	553	525	94.92	32,825	4,121	12.56	34,405	5,439	15.81
Mezhenger	61,652	11,797	19.13	9,778	2,456	25.12	3,896	1,014	26.03	8,548	2,219	25.95	582	270	46.41	15,368	3,895	25.35	23,481	3,325	14.16
Itang Special	33,499	4,210	12.57	5,127	705	13.75	4,222	713	16.88	5,997	1,174	19.58	143	97	68.16	9,893	1,150	11.62	8,118	1,144	14.1
Harari	104,585	17,426	16.66	19,714	3,510	17.8	5,977	1,938	32.42	10,842	2,592	23.91	6,076	1,984	32.65	19,491	4,026	20.66	42,485	7,723	18.18
Harari	104,585	17,426	16.66	19,714	3,510	17.8	5,977	1,938	32.42	10,842	2,592	23.91	6,076	1,984	32.65	19,491	4,026	20.66	42,485	7,723	18.18
DirDawaAstedader	129,575	12,376	9.55	11,753	1,610	13.7	3,714	807	21.73	22,840	4,561	19.97	7,051	3,040	43.12	20,771	4,472	21.53	63,446	6,083	9.59
Dire Dawa	129,575	12,376	9.55	11,753	1,610	13.7	3,714	807	21.73	22,840	4,561	19.97	7,051	3,040	43.12	20,771	4,472	21.53	63,446	6,083	9.59

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

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	6,958,004	465,761	6.69	6,680,885	463,823	6.94	94,159	14,522	15.42	182,960	29,778	16.28
Tigray	343,243	40,930	11.92	257,282	34,428	13.38	10,852	7,227	66.6	75,109	17,380	23.14
North West Tigray	84,520	29,230	34.58	73,997	28,627	38.69	-	-	-	10,523	4,026	38.26
Central Tigray	74,152	15,126	20.4	48,871	9,881	20.22	7,606	7,117	93.56	17,675	7,896	44.67
Eastern Tigray	78,612	19,526	24.84	41,598	9,075	21.82	1,970	1,109	56.28	35,044	14,495	41.36
Southern Tigray	27,759	7,294	26.28	23,719	6,919	29.17	614	445	72.42	3,426	1,820	53.13
Western Tigray	38,516	10,124	26.28	34,248	9,326	27.23	338	240	71.14	3,930	2,723	69.29
Debub Misrak	39,684	7,421	18.7	34,850	7,139	20.48	324	323	99.79	4,511	1,634	36.23
Afar	35,216	10,967	31.14	34,355	10,520	30.62	397	396	99.64	464	399	85.94
Zone_1 (Awsiresu)												
Zone_2 (Kelbetiresu)	34,447	10,953	31.8	33,586	10,506	31.28	397	396	99.64	464	399	85.94
Zone_3 (Gebiresu)	769	542	70.52	769	542	70.52	-	-	-	-	-	-
Zone_4 (Fentiresu)												
Zone_5 (Hariresu)												
Amhara	1,353,537	81,714	6.04	1,288,818	79,551	6.17	23,761	5,797	24.4	40,959	10,275	25.09
Semen Gonder	85,931	15,222	17.71	79,309	13,457	16.97	2,058	1,686	81.93	4,564	4,541	99.52
Debub Gonder	183,379	32,384	17.66	175,097	31,828	18.18	2,459	1,455	59.19	5,823	3,453	59.31
Semen Wello	64,237	12,359	19.24	55,986	10,384	18.55	2,691	1,210	44.95	5,560	3,294	59.25
Debub Wello	172,364	29,846	17.32	167,864	29,011	17.28	2,274	2,259	99.32	2,225	1,648	74.07
Semen Shewa	82,641	14,387	17.41	74,924	12,809	17.1	4,086	2,440	59.71	3,631	3,625	99.84
Misrak Gojjam	110,204	18,337	16.64	97,598	16,720	17.13	3,609	1,796	49.77	8,997	5,670	63.02
Mirab Gojjam	252,130	40,565	16.09	244,565	40,094	16.39	2,244	1,343	59.83	5,321	2,941	55.27
Waghimra	130,771	27,182	20.79	126,315	26,719	21.15	3,994	3,314	82.97	462	319	69.15
Awj	93,668	21,816	23.29	91,090	21,806	23.94	346	347	100.07	2,231	1,978	88.65
Oromiya Liyu Zone	13,985	9,666	69.11	13,985	9,666	69.11	-	-	-	-	-	-
Maekelawi Gonder	138,781	28,498	20.53	137,043	28,395	20.72	-	-	-	1,739	1,161	66.79
Mirab Gonder	25,446	6,640	26.09	25,039	6,676	26.66	-	-	-	407	392	96.47
Oromiya	3,782,186	437,522	11.57	3,702,383	436,764	11.8	38,520	10,066	26.13	41,282	19,176	46.45
Mirab Wollega	493,849	133,151	26.96	484,324	133,171	27.5	8,865	6,030	68.01	659	659	99.95
Misrak Wollega	172,194	38,300	22.24	167,351	38,581	23.05	4,459	4,467	100.18	384	383	99.69
Ilu Ababor	694,628	290,689	41.85	689,085	291,039	42.24	2,259	2,255	99.81	3,284	2,163	65.85
Jimma	647,294	226,173	34.94	619,700	225,017	36.31	2,796	2,253	80.61	24,799	18,307	73.82
Mirab Shewa	145,007	26,463	18.25	141,181	26,279	18.61	2,551	1,990	77.98	1,274	1,273	99.9
Semen Shewa	51,761	13,659	26.39	50,477	12,982	25.72	1,284	1,279	99.59	-	-	-
Misrak Shewa	9,196	4,350	47.3	9,196	4,350	47.3	-	-	-	-	-	-

Estimates of Beehives

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Arsi	92,075	27,564	29.94	90,650	27,522	30.36	1,425	996	69.87	-	-	-
Mirab Hararghe	59,494	12,673	21.3	59,010	12,704	21.53	485	485	100	-	-	-
Mierak Hararge	54,796	12,615	23.02	51,314	12,471	24.3	-	-	-	3,482	3,471	99.71
Bale	432,151	145,186	33.6	432,151	145,186	33.6	-	-	-	-	-	-
Borena	11,862	3,520	29.68	10,525	3,168	30.11	756	636	84.04	581	421	72.5
Debub Mirab Shewa	62,791	10,786	17.18	59,750	10,395	17.4	3,041	2,090	68.7	-	-	-
Guji	258,829	65,165	25.18	255,886	64,355	25.15	2,943	2,936	99.76	-	-	-
Mirab Guji	92,766	27,327	29.46	91,083	27,420	30.1	1,122	1,121	99.87	561	560	99.87
Oromiya Liyu Zone	42,777	22,954	53.66	37,500	19,355	51.61	1,098	795	72.38	4,178	3,249	77.75
Mirab Arsi	34,518	13,904	40.28	34,518	13,904	40.28	-	-	-	-	-	-
Kelem Wollega	160,466	53,077	33.08	155,404	52,460	33.76	3,475	3,474	99.97	1,587	1,588	100.02
Horo Guduru Wollega	165,354	66,644	40.3	164,548	66,593	40.47	806	463	57.42	-	-	-
Buno Bedele	100,378	20,246	20.17	98,732	20,147	20.41	1,154	681	59.07	493	287	58.27
Somale	76,925	38,968	50.66	75,087	38,978	51.91	1,838	1,147	62.42	-	-	-
Siti	34	34	97.57	34	34	97.57	-	-	-	-	-	-
Fafan	676	391	57.8	548	376	68.67	128	126	98.26	-	-	-
Jerer	5,712	-	-	5,152	-	-	559	-	-	-	-	-
Erer	2,765	1,822	65.87	2,765	1,822	65.87	-	-	-	-	-	-
Korahe	60,590	38,759	63.97	59,440	38,769	65.22	1,150	1,140	99.13	-	-	-
Shebele	7,148	3,570	49.95	7,148	3,570	49.95	-	-	-	-	-	-
Dollo	153,781	31,405	20.42	153,472	31,372	20.44	-	-	-	309	224	72.3
Afder	40,438	15,428	38.15	40,321	15,332	38.03	-	-	-	117	116	99.57
Liben	47,964	16,561	34.53	47,771	16,587	34.72	-	-	-	192	191	99.24
Nogob	31,364	20,831	66.42	31,364	20,831	66.42	-	-	-	-	-	-
Dawa	34,015	6,329	18.61	34,015	6,329	18.61	-	-	-	-	-	-
Benshangul-Gumuz	1,155,017	119,410	10.34	1,113,266	118,181	10.62	18,362	4,712	25.66	23,389	10,478	44.8
Metekel	44,723	10,876	24.32	39,321	9,279	23.6	1,732	1,209	69.77	3,670	2,565	69.89
Asosa	100,308	30,279	30.19	99,082	30,280	30.56	409	409	100.02	818	815	99.66
Kemeshi	36,616	6,915	18.88	35,409	6,903	19.5	969	749	77.25	239	239	100.02
Mao Komo	41,953	24,124	57.5	39,760	24,104	60.62	2,194	2,190	99.86	-	-	-
SNNP	40,041	12,120	30.27	39,794	12,013	30.19	247	247	99.85	-	-	-
Gurage	48,195	16,389	34	41,171	13,657	33.17	4,503	2,274	50.5	2,522	1,855	73.57
Hadiya	123,463	42,587	34.49	123,463	42,587	34.49	-	-	-	-	-	-
Kembata Tembaro	92,075	27,564	29.94	90,650	27,522	30.36	1,425	996	69.87	-	-	-
Sidama	59,494	12,673	21.3	59,010	12,704	21.53	485	485	100	-	-	-
Gedeo	54,796	12,615	23.02	51,314	12,471	24.3	-	-	-	3,482	3,471	99.71
Welayta	432,151	145,186	33.6	432,151	145,186	33.6	-	-	-	-	-	-
Debub Omo	11,862	3,520	29.68	10,525	3,168	30.11	756	636	84.04	581	421	72.5

Estimates of Beehives

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Sheka	148,467	55,636	37.47	144,735	54,737	37.82	1,596	1,454	91.05	2,136	1,345	62.97
Kefa	223,018	66,268	29.71	209,038	65,815	31.48	3,824	2,455	64.2	10,156	9,767	96.17
Gamo Gofa	79,975	22,550	28.2	78,573	22,264	28.34	1,011	1,007	99.64	392	391	99.62
Bench Maji	71,137	37,695	52.99	70,974	37,691	53.1	-	-	-	163	163	100.14
Yem Liyu	36,200	22,258	61.49	36,200	22,258	61.49	-	-	-	-	-	-
Segen Akababi Hizboch	50,007	14,968	29.93	49,563	14,962	30.19	444	443	99.79	-	-	-
Alaba Special	14,066	2,499	17.77	12,646	2,478	19.6	-	-	-	1,421	655	46.08
Dawro	31,913	10,638	33.33	30,208	10,701	35.43	1,197	757	63.3	509	414	81.39
Basketo Special	7,526	2,192	29.13	7,456	2,202	29.54	-	-	-	70	73	104.29
Konta Liyu	14,909	6,473	43.42	14,673	6,383	43.5	236	241	102.22	-	-	-
Selite	42,497	7,935	18.67	41,203	7,806	18.94	-	-	-	1,294	1,026	79.27
Gambela region	48,337	16,197	33.51	47,123	16,282	34.55	72	71	98.93	1,142	1,130	98.94
Agnuwak	5,331	4,078	76.49	5,331	4,078	76.49	-	-	-	-	-	-
Nuware	43,005	15,675	36.45	41,792	15,763	37.72	72	71	98.93	1,142	1,130	98.94
Mezhenger	4,408	1,259	28.57	3,745	1,131	30.2	357	249	69.81	307	306	99.71
Itang Special	4,408	1,259	28.57	3,745	1,131	30.2	357	249	69.81	307	306	99.71
Harari	5,354	2,856	53.34	5,354	2,856	53.34	-	-	-	-	-	-
Harari	5,354	2,856	53.34	5,354	2,856	53.34	-	-	-	-	-	-
DirDawaAstedader	148,467	55,636	37.47	144,735	54,737	37.82	1,596	1,454	91.05	2,136	1,345	62.97
Dire Dawa	223,018	66,268	29.71	209,038	65,815	31.48	3,824	2,455	64.2	10,156	9,767	96.17

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 2019/2020(2012 E.C.), Livestock Sample Survey(No table produced)
APPENDIX-I (a) (Continued...)

Region	Covered Zones	Number of Planned EA's	Number of covered EA's	Number of Planned HH	Number of covered HHs
Tigray	North West Tigray	36	36	720	714
	Central Tigray	38	36	760	712
	Eastern Tigray	34	33	680	654
	Southern Tigray	34	34	680	679
	Western Tigray	31	31	620	620
	Debub Misrak	33	30	660	600
Regional Total		206	200	4,120	3979
Afar	Zone_1 (Awsiresu)	26	23	520	452
	Zone_2 (Kelbetiresu)	28	28	560	560
	Zone_3 (Gebiresu)	25	22	500	428
	Zone_4 (Fentiresu)	25	23	500	428
	Zone_5 (Hariresu)	26	25	520	455
Regional Total		130	121	2,600	2323
Amhara	Semen Gonder	36	36	720	720
	Debub Gonder	46	46	920	919
	Semen Wello	42	42	840	837
	Debub Wello	48	67	960	1333
	Semen Shewa	44	44	880	880
	Misrak Gojjam	46	46	920	917
	Mirab Gojjam	46	45	920	1295
	Waghimra	34	31	680	616
	Awi	38	35	760	697
	Oromiya Liyu Zone	33	33	660	659
	Maekelawi Gonder	44	64	880	1273
	Mirab Gonder	31	30	620	597
Regional Total		488	539	9,760	10,743
Oromia	Mirab Wollega	39	27	780	538
	Misrak Wollega	38	37	760	738
	Ilu Ababor	35	35	700	700
	Jimma	46	46	920	910
	Mirab Shewa	42	40	840	791
	Semen Shewa	38	35	760	700
	Misrak Shewa	38	38	760	748
	Arsi	44	40	880	799
	Mirab Hararghe	43	39	860	775
	Mierak Hararge	46	43	920	856

Bale	40	39	800	780	
Borena	32	27	640	539	
Debub Mirab Shewa	36	36	720	718	
Guji	38	24	760	478	
Mirab Guji	37	23	740	460	
Oromiya Liyu Zone	31	31	620	617	
Mirab Arsi	43	42	860	840	
Kelem Wollega	36	7	720	140	
Horo Guduru Wollega	33	32	660	639	
Buno Bedele	34	34	680	680	
Regional Total	769	675	15,380	13,446	
Somalie	Siti	27	23	540	460
	Fafan	33	29	660	580
	Jerer	31	30	620	600
	Erer	29	29	580	580
	Korahe	27	27	540	540
	Shebele	31	31	620	620
	Dollo	31	31	620	620
	Afder	31	31	620	620
	Liben	29	29	580	580
	Nogob	22	21	440	420
	Dawa	25	24	500	480
Regional Total	316	305	6320	6100	
Benshangul	Metekel	30	27	600	540
	Asosa	29	21	580	419
	Kemeshi	24	12	480	239
	Mao Komo	20	20	400	400
Regional Total	103	80	2060	1,598	
SNNP	Gurage	39	38	780	756
	Hadiya	37	37	740	739
	Kembata Tembaro	32	32	640	640
	Sidama	46	46	920	919
	Gedeo	35	35	700	700
	Welayta	39	39	780	778
	Debub Omo	35	33	700	660
	Sheka	27	27	540	536
	Kefa	37	37	740	738
	Gamo Gofa	41	40	820	800
	Bench Maji	35	34	700	669
	Yem Liyu	22	22	440	440
	Segen Akababi Hizboch	32	31	640	618
	Alaba Special	28	27	560	539
	Dawro	32	32	640	639

	Basketo Special	20	20	400	394
	Konta Liyu	24	24	480	472
	Silite	35	35	700	700
	Regional Total	596	589	11,920	11,737
Gambella	Agnuwak	21	17	420	336
	Nuware	20	17	400	339
	Mezhenger	23	23	460	460
	Itang Special	20	20	400	400
	Regional Total	84	77	1,680	1,535
Harari	Harari	30	28	600	555
Diredawa	Dire Dawa	30	30	600	594
	Country Total	2,852	2,737	57,040	54,378

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.

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

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

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

4. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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

APPENDIX III
Survey Questionnaire

Annual Agricultural Sample Survey
Livestock and Beehives Population - 2019/2020 (2012 E.C.)

Part I - Identification Particulars

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

PART II - LIVESTOCK POPULATION AND PRODUCTS**QST I - Did You Have Livestock and/or Beehives on November 10, 2014?** Yes Complete questions below No – End of the question**Number of Cattle by Age and Purpose on Nov 10, 2014**

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

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

Number of Sheep by Age and Purpose on Nov 10, 2014

2. Sheep of all ages

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

Number of Goats by Age and Purpose on Nov 10, 2014

3. Goats of all ages _____

a. Goats less than 6 months _____

b. Goats 6 months and less than 1 year _____

c. Goats 1 year and less than 2 years _____

d. Goats 2 years and older _____

 1. Goats for meat _____

 2. Dairy Goats _____

 3. Goats for breeding _____

 4. Goats for other purposes _____

e. Grand Total _____

 1. Local breed _____

 2. Exotic _____

 3. Hybrid _____

None	Total	Male	Female
	86		88
	89		91
	92		94
	95		97
	98		100
	101		103
	104		105
	106		108
	109		111
	112		114
	115		117
	118		120
	121		123
		87	
		90	
		93	
		96	
		99	
		102	
		107	
		110	
		113	
		116	
		119	
		122	

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2014**Horses**

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

Mules

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

Donkeys

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

Camels

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

None

Total
124
127
130
133
136
139

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

None

Total
142
145
148
151
154
157

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

None

Total
160
163
166
169
172
175

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

None

Total
178
181
184
187
190
193
195
198

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

Poultry8. Poultry total on **Nov 10, 2014**

- 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, 2014 to Nov 10, 2015)?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	██████

Milk, Egg, and Honey Production during the reference period**11. Dairy cows and Camels**

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

None

239
240
241
242
243
244
245
246

12. Egg production per hen per clutch _____

None

Indigenous

Hybrid

Exotic

13. Average number of days per clutch _____247248249**14. Total Number of clutch during the reference period** _____250251252**15. Livestock Diseases and Treatments during the Reference Period**

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

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

1	2	3			4			5			6			7			8			9			10			
Sr. No.	Livestock Type	Births			Purchases			Acquired			Sales			Slaughters			Offered			Died from Diseases			Died from other Reasons			
		T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	
1	Cattle																									
2	Sheep																									
3	Goats																									
4	Horses																									
5	Donkeys																									
6	Mules																									
7	Camels																									
8	Poultry																									

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

1	2	3			4			5			6			7			8			9		
Sr. No.	Livestock Type	Total Vaccinated			Vaccinated against																	
					Anthrax			Blackleg			Pleuro-Pneumonia			Hemorrhagic Septicemia			Renderpest			Others		
		T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
1	Cattle																					
2	Sheep																					
3	Goats																					
4	Camels																					

18. Livestock Feeds utilized during the reference period

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



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

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

Yes=1 No=2

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

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