

**FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA**  
**CENTRAL STATISTICAL AGENCY**  
**AGRICULTURAL SAMPLE SURVEY**  
**2020/21 [2013 E.C.]**  
**VOLUME II**  
**REPORT ON**  
**LIVESTOCK AND LIVESTOCK CHARACTERISTICS**  
**(PRIVATE PEASANT HOLDINGS)**



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## **Abbreviations**

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

# **CHAPTER I**

## **INTRODUCTION AND OBJECTIVES OF THE SURVEY**

### **1.1 INTRODUCTION**

Ethiopia is believed to have the largest livestock population in Africa. This livestock sector has been contributing considerable portion to the economy of the country, and still promising to rally round the economic development of the country. It is eminent that livestock products and by-products in the form of meat, milk, honey, eggs, cheese, and butter supply 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 2020/2021 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 the

entire rural areas of the country (including all pastoralist areas) as to the reference date (November 10, 2020 or Hidar 1, 2013 E.C.) and reference period (November 11, 2019 to November 10 2020, or Hidar 2, 2012 E.C. to Hidar 1, 2013 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 administrative zone 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) of major estimates are given in Annex Tables 1 – 10.

## **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 2020/2021 (2013 E.C.) Annual Livestock Sample Survey covered the entire rural agricultural population in all the regions of the country.

To be covered by the survey, a total of 2,768 census Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 397 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,371 EA's (85.65%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 20 agricultural households selected from each sample EA. Regarding the ultimate sampling units, it was intended to cover a total of 55,360, agricultural households, however, 85.65% 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 cartographic mapwork and 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 sample design proposed for the survey. Second stage sampling units are agricultural households, and were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

#### **2.3 SAMPLE DESIGN**

A two stage-stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were census enumeration areas and second stage sampling units were agricultural households. Each zones/special wereda of the 10 regional states (Tigray, Amahara, Oromiya, SNNP, Somali, Gambella, Benishangul-Gumuz, Sidama & Harari) and Dire Dawa city administration 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.

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

Region	Number of Zones/ Strata	
	Total	Covered
Tigray	6	*
Afar	5	5
Amhara	12	12
Oromiya	21	21
Somalie	11	11
Benishangul Gumuz	4	4
S.N.N.P.R	17	17
Gambela	4	4
Hareri	1	1
Dire Dawa	1	1
Sidama	1	1
<b>Total</b>	<b>83</b>	<b>83</b>

\* Tigray is not covered by this year survey, but the last year (2012EC) data has been considered as a proxy to produce the national estimate.

## 2.4 SELECTION SCHEME

The list containing EAs of all regions and their respective households obtained from the 4<sup>th</sup> round population and housing census cartographic frame was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA 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 (CV) for selected estimates are also presented in the Annex Tables 1-10.

**Note:** “\*” means high CV (less reliable) but the values are included in the total Estimates and “-” means households not reported for specified items.

## 2.5 BASIC CONCEPTS AND DEFINITIONS

Standard concepts and definitions used in the survey help to maintain consistent enumeration and measurement of variables of interest. To achieve this, CSA communicates concepts and definitions to the field staff through training and instruction manuals. The concepts and definitions used in the survey are given as follows.

**Enumeration Area (EA):** an census enumeration area in the rural parts of the country is a unit of land delineated for the purpose of population census with clear identified boundary, in some case equal to a locality or a part of a locality or a combination of small localities and usually consists of 100 - 150 households.

**Household:** 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 Household:** A household is considered as 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, 2019 to Nov. 10, 2020.

**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, 2019 to Nov. 10, 2020.

**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 field operation coordination office 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 2<sup>nd</sup> 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 three enumeration areas for supervision of data

collection. All the enumerators were supplied with the necessary survey equipment (GPS-equipped tablets, solar battery chargers, etc.) after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 180 four-wheel drive vehicles were used.

## **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 three stages under consideration of Covid-19. The first stage training, which took place at Addis Ababa, second stage were at 24 branch statistical offices, and the third training also were held in 24 training centers arranged by branch offices. The first stage ToT and Second stage last for four days, which targeted staff from the Head Office, statisticians and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage provided the training for participants second second training. The final training which was provided for the enumerators and supervisors lasted for 20 days. In the training the field staff were given detailed classroom instruction on how to collect data, method of livestock enumeration, interviewing procedures, quality checking methods, manipulation of GPS-equipped tablets, usage of data collection applications loaded on tablets, online data transfer, etc. and due to Covid-19 pandemic the training was given in a small group (in one training room around an average of 14 training participants). The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to livestock enumeration, EA map reading and identifying the sample site, tablet method of data collection and interviewing methods and detail survey of livestock.

## **2.8 METHOD OF DATA COLLECTION**

The agricultural data for the year 2020/21 (2013 E.C.) was collected from sedentary and pastoral rural peasant households by interviewing the selected agricultural holders and physically livestock related variables of interest. The data obtained were recorded in various data collection template application designed for this survey 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, 2020 (Hidar 1/2013 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 collected data was then transferred to the supervisors' tablets using Bluetooth. After checking the quality of data collected by enumerator, supervisors transferred the collected data to the server located at the head office using VPN network connection. At the head office, further validity checks were done on each question and consistencies between questions. If error is observed during the validity checks, the data were sent back to the field with error reports for correction. After the corrected data was sent back to the head office, further processing was done on the completed survey data. The final stage of the data processing was to summarize the data and produce statistical tables. Estimation of the statistical tables was done using CSPro and the tabulation component of IMPS (Integrated Microcomputer Processing System) software.

## CHAPTER III

### SUMMARY OF THE SURVEY RESULTS

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

The 2020/2021 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 dis-aggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 2020), irrespective of ownership, were recorded by interviewing each holder within the selected agricultural households in the sampled enumeration area sites 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 70 million. Out of this total cattle population, the female cattle constitute about 56 percent and the remaining 44 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 60 percent) is in the 3 years and less than 10 years age category, with about 26 percent male and about 34 percent female. Moreover, about 18 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 3 percent of the total estimated number of cattle population (also see Fig III.1).

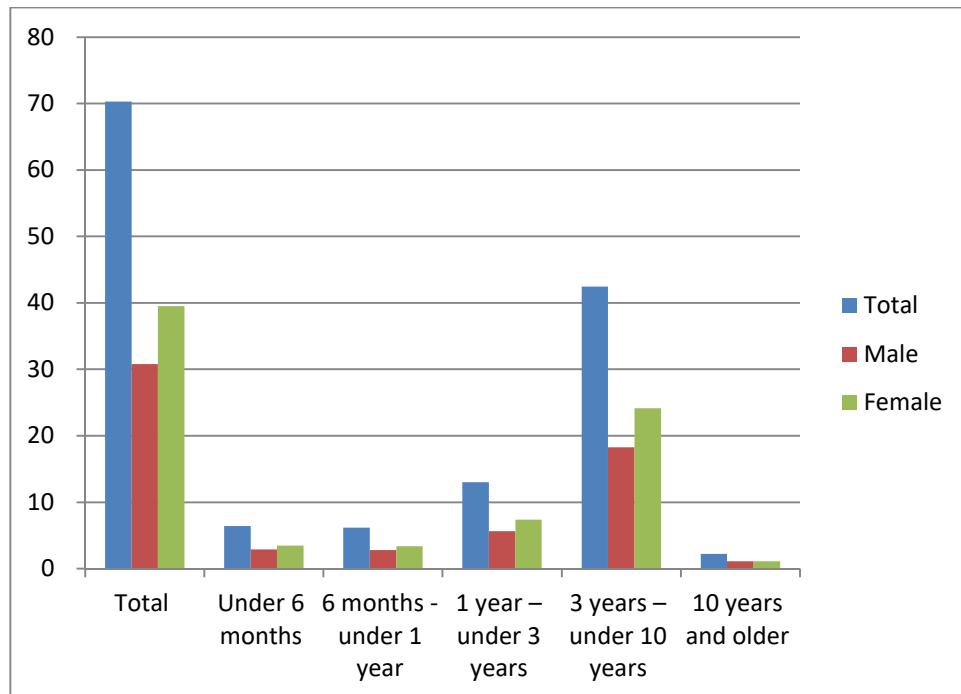
On the other hand, the results obtained indicated that 97.4 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 2.3 percent and 0.31 percent, respectively. Moreover, distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 22 percent and the percentage share of beef cattle is the lowest that is about 1.2 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 .....	70,291,776	100	30,772,193	43.78	39,519,583	56.22
Under 6 months	6,412,030	9.12	2,916,471	4.15	3,495,559	4.97
6 months - under 1 year	6,179,879	8.79	2,790,876	3.97	3,389,003	4.82
1 year – under 3 years	13,018,083	18.52	5,655,229	8.05	7,362,854	10.47
3 years – under 10 years	42,445,683	60.38	18,284,033	26.01	24,161,650	34.37
10 years and older	2,236,101	3.18	1,125,584	1.6	1,110,517	1.58
*Cattle by Breed						
Total	70,291,776	100	30,772,193	43.78	39,519,583	56.22
Indigenous	68,463,317	97.4	30,086,416	42.8	38,376,901	54.6
Hybrid	1,609,886	2.29	612,659	0.87	997,227	1.42
Exotic	218,572	0.31	73,117	0.1	145,455	0.21
Aged 3 – 10 Years by Purpose						
*Total	42,445,683	60.38	18,284,033	26.01	24,161,650	34.37
Used for Milk	7,556,402	10.75			7,556,402	10.75
Used for Draught	15,653,020	22.27	15,409,583	21.92	243,436	0.35
Used for Beef	858,436	1.22	680,262	0.97	178,174	0.25
Used for Breeding	17,360,757	24.7	1,801,644	2.56	15,559,113	22.14
Used for Other	1,017,068	1.45	392,544	0.56	624,524	0.89
*Dairy Animals						
Dairy Cows	7,556,402	10.75			7,556,402	10.75
Milking Cows	15,041,686	21.4			15,041,686	21.4

\*It includes all pastoral area

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



Dairy-cows<sup>1</sup> are estimated to be around 7.56 million and milking-cows<sup>2</sup> are about 15.04 million heads during the reference period.

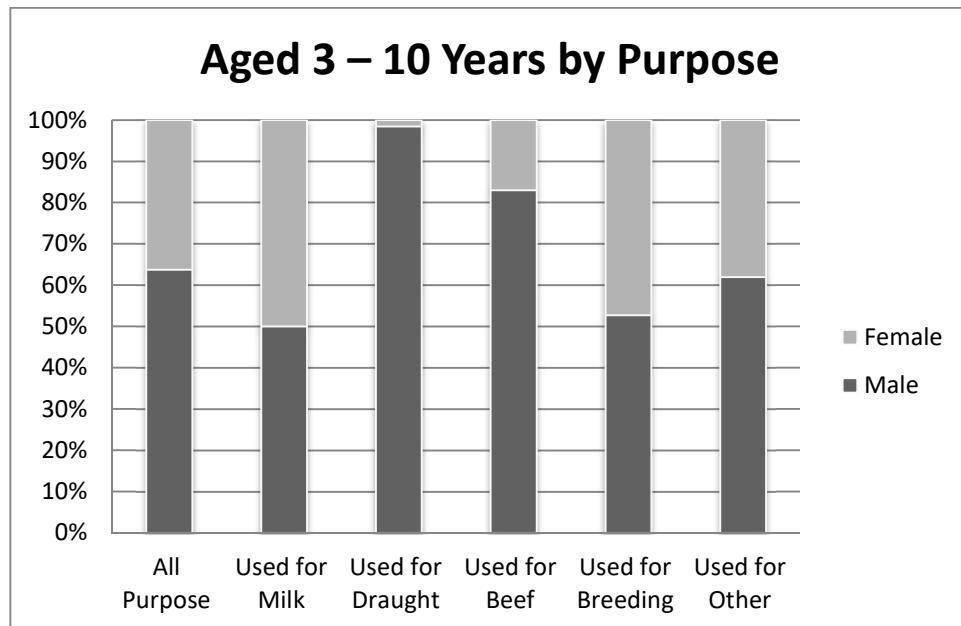
Moreover, cattle population by sex, age, breed, and purpose are presented for each region and each zone in the Statistical Tables given at the end of this chapter.

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

<sup>2</sup>A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2019 to Nov. 10, 2020).

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



### 3.1.2 Sheep and Goat Population

The estimated numbers and percentage distributions of sheep and goats in the entire rural areas of the country are given in Summary Table III.2. As pointed out in this table, about 42.9 million<sup>3</sup> sheep are estimated to be found in the country, out of which about 70 percent are females, and about 30 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 52.5 million. Out of these total goats, 70 percent are females and about 30 percent are males (see Summary Table III. 2 and Figure III. 3).

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<sup>3</sup> It includes sedentary and Pastoral area

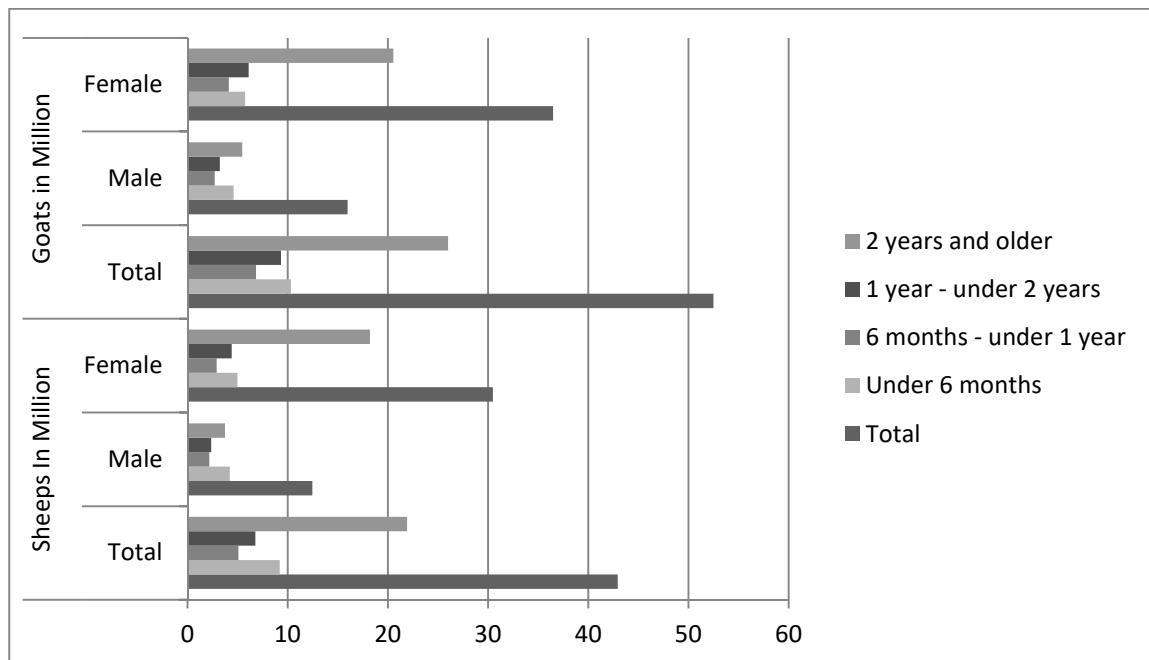
**SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed, and Purpose, Ethiopia - 2019/2020**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
**Total Sheep .....	42,914,865	100	12,444,848	29	30,470,018	71
Under 6 months.....	9,204,312	21.45	4,215,191	9.82	4,989,121	11.63
6 months - under 1 year .....	5,054,308	11.78	2,152,958	5.02	2,901,350	6.76
1 year - under 2 years.....	6,753,331	15.74	2,360,248	5.5	4,393,083	10.24
2 years and older.....	21,902,914	51.04	3,716,451	8.66	18,186,463	42.38
Sheep by Breed						
Total.....	42,914,865	100	12,444,848	29	30,470,018	71
Indigenous.....	42,706,868	99.52	12,382,616	28.85	30,324,251	70.66
Hybrid.....	174,559	0.41	51,440	0.12	123,119	0.29
Exotic.....	33,439	0.08	10,791	0.03	22,647	0.05
Sheep Aged 2 Years and Older by Purpose						
Total.....	21,902,914	51.04	3,716,451	8.66	18,186,463	42.38
Used for Mutton.....	1,169,222	2.72	904,489	2.11	264,733	0.62
Used for Wool.....	19,317	0.05	1,579	*	17,737	0.04
Used for Breeding.....	20,372,270	47.47	2,658,646	6.2	17,713,625	41.28
Used for Other .....	342,106	0.8	151,737	0.35	190,368	0.44
**Total Goats.....	52,463,535	100	15,975,270	30.45	36,488,265	69.55
Under 6 months...	10,324,369	19.68	4,585,247	8.74	5,739,122	10.94
6 months - under 1 year .....	6,832,988	13.02	2,708,225	5.16	4,124,763	7.86
1 year - under 2 years.....	9,320,696	17.77	3,216,634	6.13	6,104,061	11.63
2 years and older.....	25,985,483	49.53	5,465,163	10.42	20,520,320	39.11
Goats by Breed						
Total.....	52,463,535	100	15,975,270	30.45	36,488,265	69.55
Indigenous.....	52,411,971	99.9	15,957,835	30.42	36,454,135	69.48
Hybrid.....	26,503	0.05	8,148	0.02	18,354	0.03
Exotic.....	25,062	0.05	9,286	0.02	15,776	0.03
Goats Aged 2 Years and Older by Purpose						
Total.....	25,985,483	49.53	5,465,163	10.42	20,520,320	39.11
Used for Milk.....	2,852,266	5.44			2,852,266	5.44
Used for Meat .....	1,292,324	2.46	1,142,542	2.18	149,782	0.29
Used for Breeding.....	21,381,624	40.76	4,057,649	7.73	17,323,976	33.02
Used for Other .....	459,269	0.88	264,972	0.51	194,297	0.37

*\*\* 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 (51 percent and 50 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 22 percent and 20 percent, correspondingly (see Figure III.3).

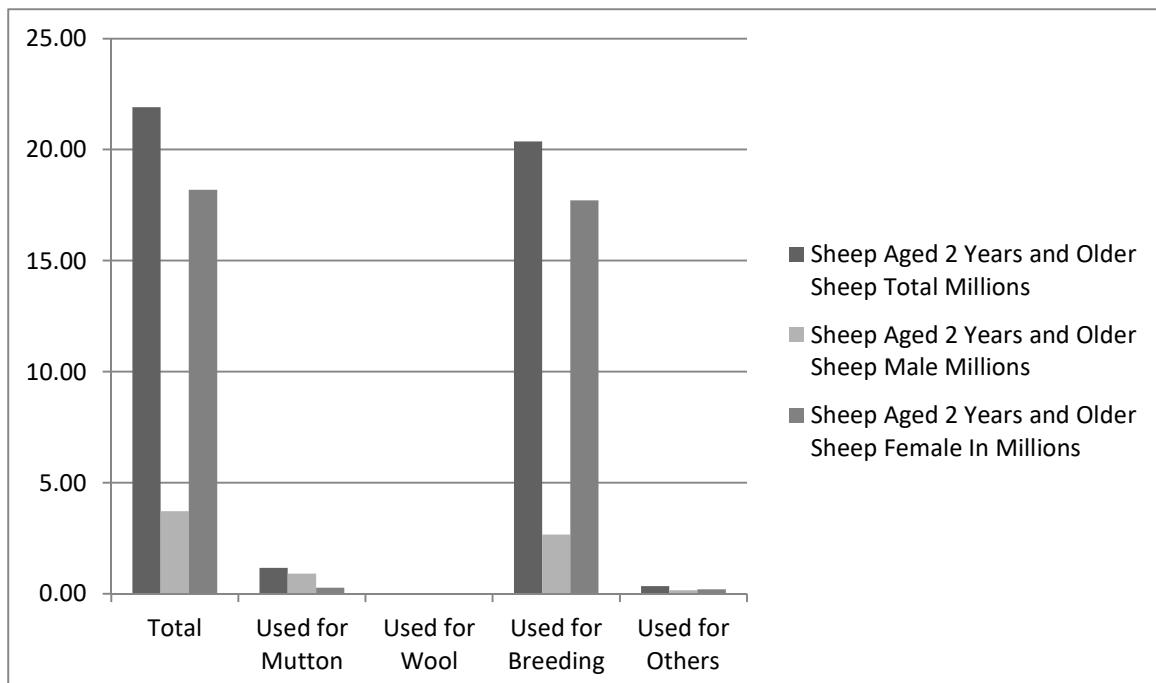
**FIGURE III.3 DISTRIBUTION OF SHEEP AND GOATS BY AGE AND SEX**



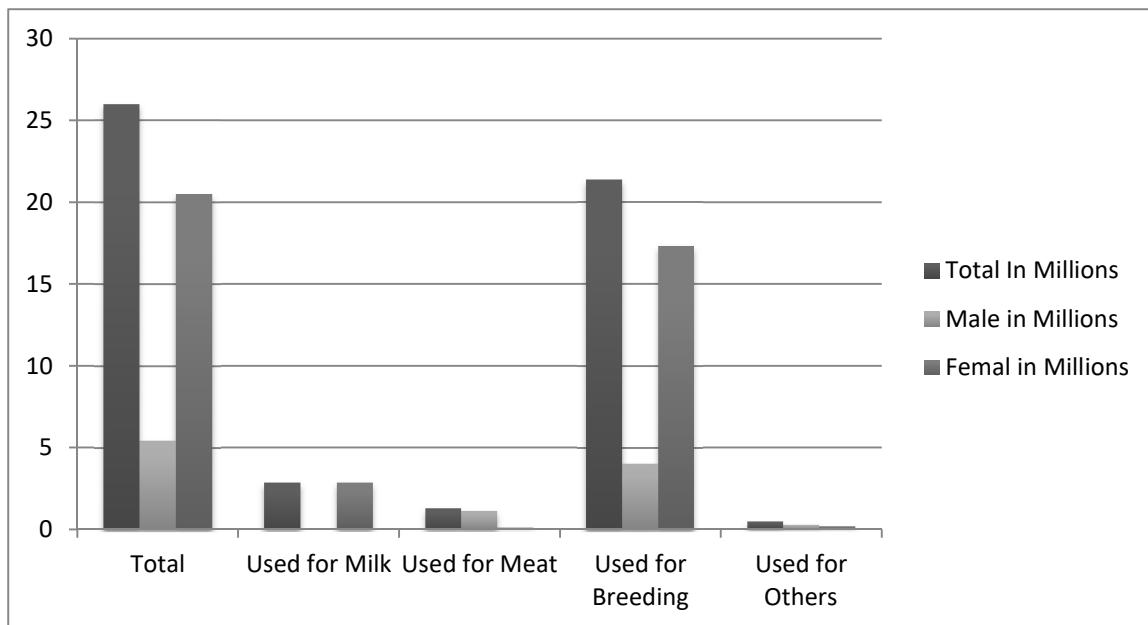
With respect to breed, almost all of the sheep and the goats are indigenous (99.52 percent and 99.9 percent, respectively).

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 (51% of the total sheep), 47.47 percent are kept for breeding; about 2.72 percent for mutton and 0.05 percent of them were kept for wool production. Likewise, among the goat population aged two years and older (49.53% of the total), goats kept for breeding accounted for about 40.76 percent while goats kept for meat accounted for 2.46 percent. The number of female goats kept for milk at country level is estimated to be about 5.44 million, which is 5.3 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 and pastoral areas of the country for private holdings. As per the survey results, there are about 2.15 million horses, 10.80 million donkeys, 0.38 million mules, and about 8.1 million camels in the country.

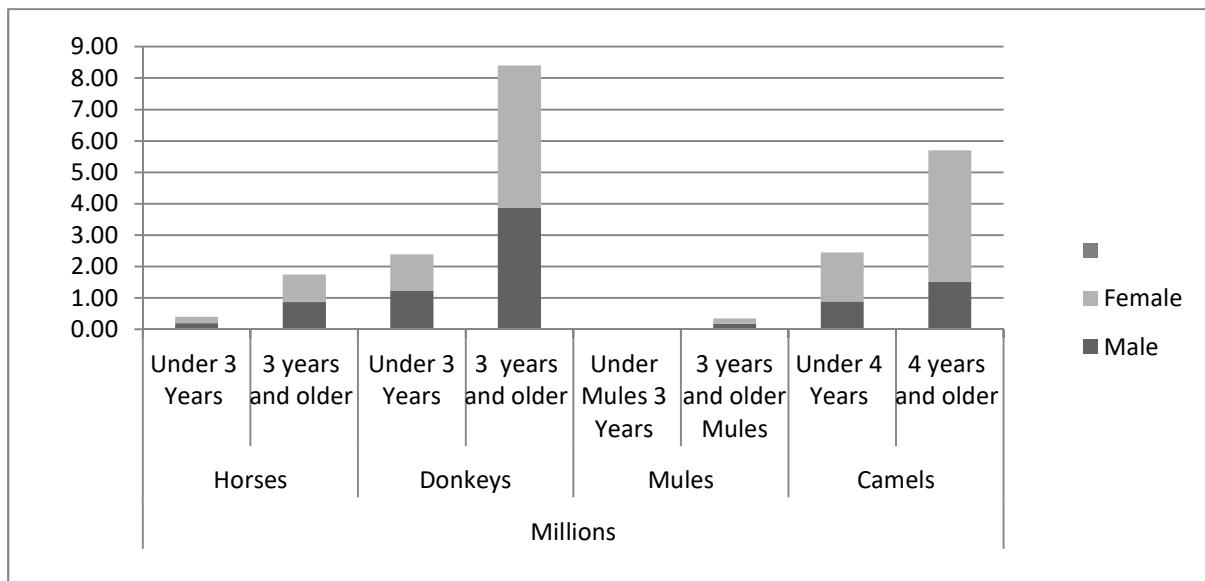
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 53 percent are females and the remaining 47 percent are males. With respect to age distribution, the majorities of the horses, donkeys 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 1.38 million were used for transportation, 0.27 million were for draught and the remaining 0.09 million were used for other purposes. With regard to donkeys, about 7.43 million were used for transportation whereas about 0.79 million and 0.18 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**

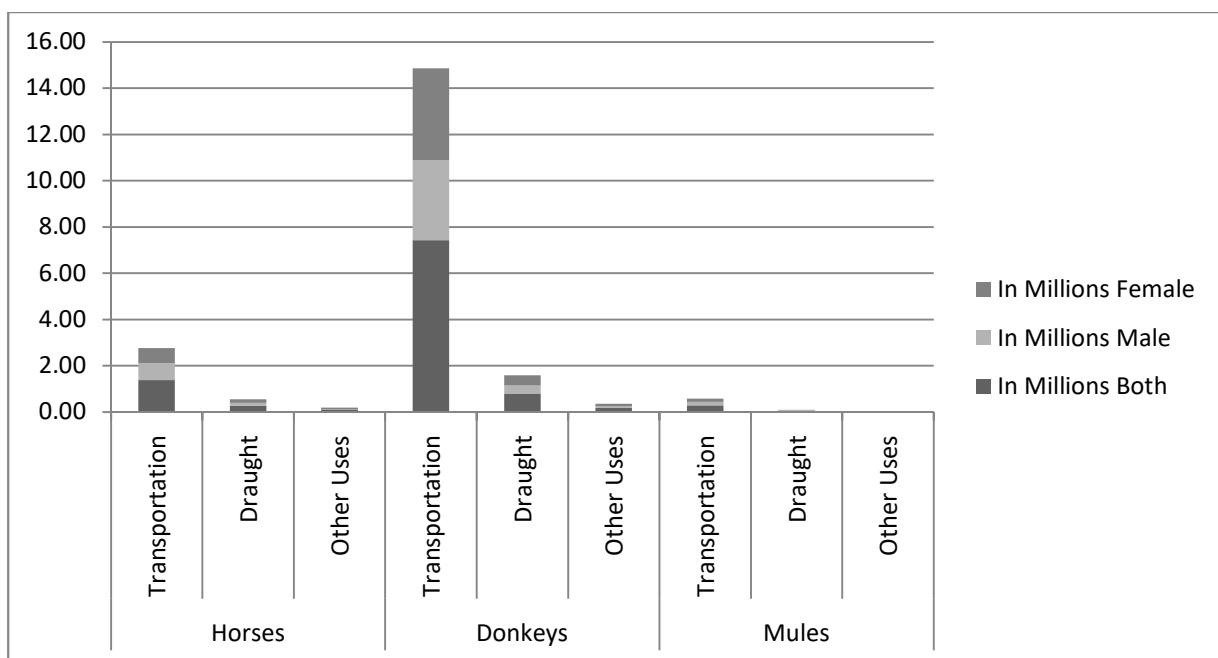
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses .....	2,148,492	100	1,069,577	49.78	1,078,915	50.22
Under 3 Years.....	398,901	18.57	197,627	9.2	201,274	9.37
3 years and older.....	1,749,591	81.43	871,950	40.58	877,642	40.85
Horses Aged 3 Years and Older by Purpose						
All Uses.....	1,749,591	81.43	871,950	40.58	877,642	40.85
Transportation .....	1,383,012	64.37	735,706	34.24	647,306	30.13
Draught.....	271,658	12.64	121,447	5.65	150,211	6.99
Other Uses.....	94,922	4.42	14,797	0.69	80,125	3.73
Total Donkeys .....	10,791,896	100	5,103,369	47.29	5,688,527	52.71
Under 3 Years.....	2,385,477	22.1	1,232,664	11.42	1,152,814	10.68
3 years and older.....	8,406,419	77.9	3,870,705	35.87	4,535,714	42.03
Donkeys Aged 3 Years and Older by Purpose						
All Uses.....	8,406,419	77.9	3,870,705	35.87	4,535,714	42.03
Transportation .....	7,430,131	68.85	3,459,543	32.06	3,970,588	36.79
Draught.....	795,461	7.37	343,915	3.19	451,546	4.18
Other Uses.....	180,827	1.68	67,247	0.62	113,580	1.05
Total Mules .....	382,784	100	191,858	50.12	190,926	49.88
Under 3 Years.....	34,698	9.06	15,081	3.94	19,617	5.12
3 years and older.....	348,086	90.94	176,777	46.18	171,309	44.75
Mules Aged 3 Years and Older by Purpose						
All Uses.....	348,086	90.94	176,777	46.18	171,309	44.75
Transportation .....	290,067	75.78	144,332	37.71	145,735	38.07
Draught.....	46,393	12.12	26,107	6.82	20,286	5.3
Other Uses.....	11,626	3.04	6,339	1.66	5,288	1.38
Total Camels .....	8,145,790	100	2,399,803	29.46	5,745,987	70.54
Under 4 Years.....	2,448,754	30.06	889,922	10.92	1,558,832	19.14
4 years and older.....	5,697,036	69.94	1,509,881	18.54	4,187,155	51.4
Camels Aged 4 Years and Older by Purpose						
All Uses.....	5,697,036	69.94	1,509,881	18.54	4,187,155	51.4
Meat.....	327,908	4.03	228,979	2.81	98,929	1.21
Milk .....	2,988,068	36.68			2,988,068	36.68
Transportation .....	1,462,117	17.95	1,107,335	13.59	354,782	4.36
Draught.....	24,895	0.31	19,270	0.24	5,625	0.07
Other Uses.....	894,048	10.98	154,297	1.89	739,752	9.08

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



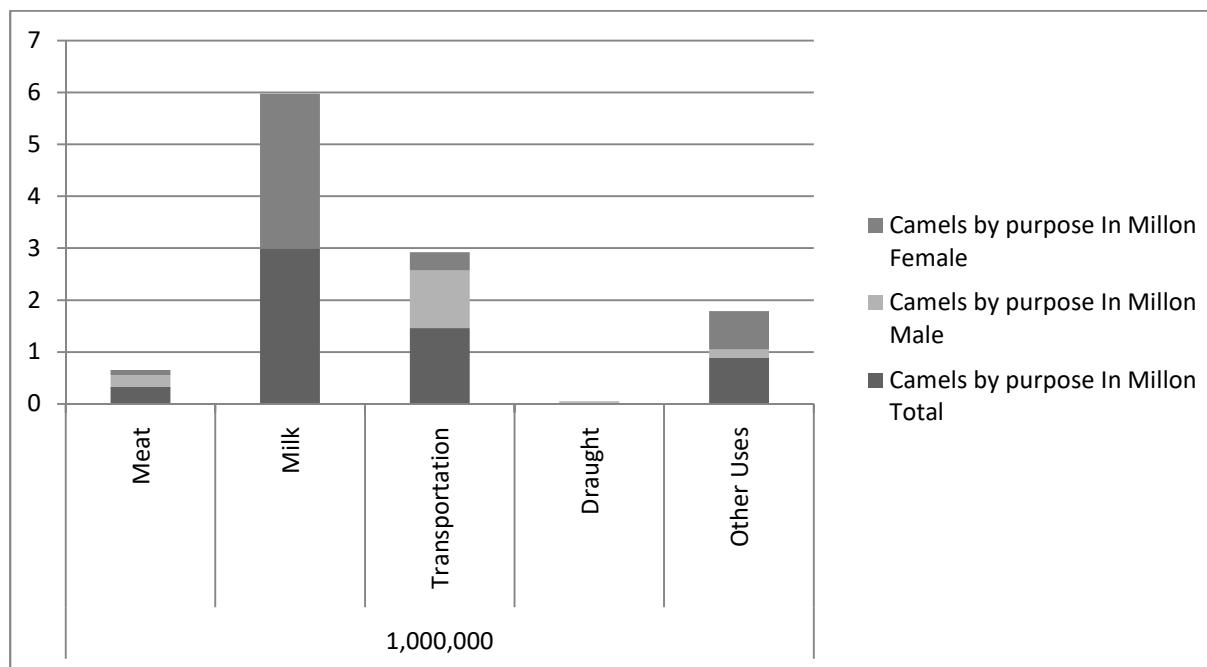
\* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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

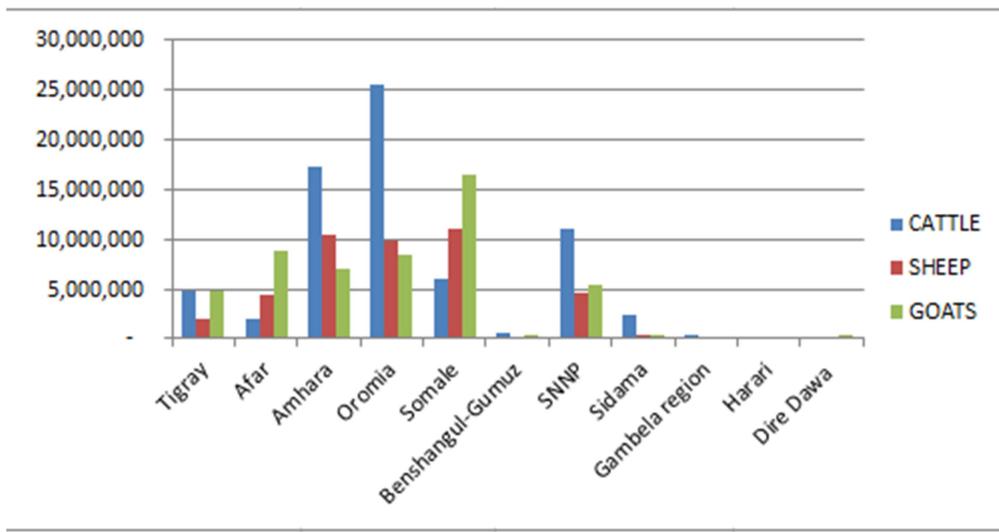


Considering the purpose of the mules, the data shows that the predominance (75.78%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 36.68 percent of the camels reported were kept for milk, 17.95 percent were for transportation, and only 0.31 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 4.03 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	1,959,185	4,476,485	8,843,082
Amhara	17,262,804	10,391,582	7,045,305
Oromia	25,506,409	9,752,385	8,425,727
Somale	6,034,887	11,013,491	16,464,505
Benshangul-Gumuz	592,228	61,335	446,323
Sidama	11,128,017	4,561,504	5,518,806
SNNP	2,413,482	467,858	308,903
Gambela region	321,722	27,789	135,494
Harari	86,056	5,497	110,499
Dire Dawa	78,022	59,320	325,922

**Figure III.9 Cattle, Sheep and Goat distribution by region**

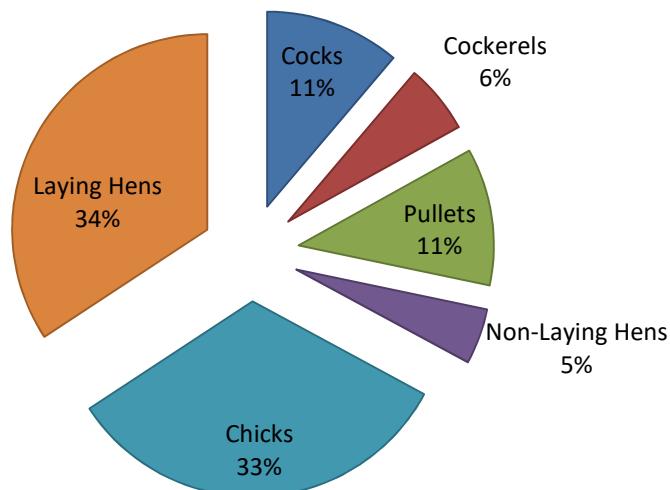
### 3.1.4 Poultry Population

Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 57 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 (34.26 percent), followed by poultry are chicks (32.86 percent). Pullets are estimated to be about 6.47 million in the country. Cocks and cockerels are also estimated separately, and are 6.38 million and about 3.27 million, respectively. The others are non-laying hens that make up about 4.59 percent (2.61 million) of the total poultry population in the country. With regard to breed, 78.85 percent, 12.02 percent, 9.11 and 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.....	56,992,987	100	44,940,924	78.85	5,194,345	9.11	6,857,718	12.03
Cocks.....	6,380,732	11.2	5,160,983	9.06	398,452	0.7	821,296	1.44
Cockerels.....	3,268,614	5.74	2,364,747	4.15	316,885	0.56	586,982	1.03
Pullets.....	6,474,755	11.36	4,688,266	8.23	675,687	1.19	1,110,802	1.95
Non-Laying Hens .....	2,614,965	4.59	2,117,083	3.71	205,449	0.36	292,433	0.51
Chicks.....	18,729,950	32.86	16,322,355	28.64	1,244,426	2.18	1,163,169	2.04
Laying Hens .....	19,523,972	34.26	14,287,489	25.07	2,353,446	4.13	2,883,037	5.06

**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).

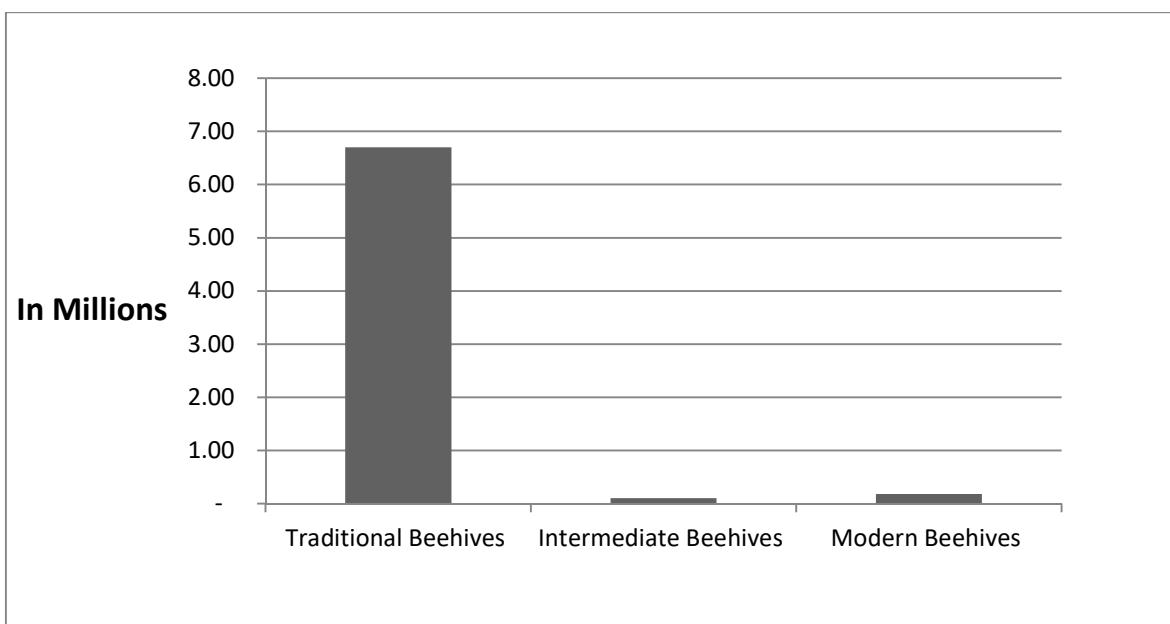
**Modern Hive [Hive with Frames]** is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept 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, 2019 to November 10, 2020). Accordingly, the result of the survey revealed that a total of about 6.99 million hives is estimated to be found in the rural and pastoral sedentary areas of the country. From this total hives, the greater part (95.89 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 .....	6,986,100	100
Traditional Beehives .....	6,699,219	95.89
Intermediate Beehives .....	102,957	1.47
Modern Beehives .....	183,924	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 58 million chickens, 17 million sheep, 16 million goats and 21 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 32 million animals (either to build their stock or for some other reasons) and acquired about 2.3 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 .....	13,117,389	6,077,716	7,039,672	4,163,037	2,593,827	1,569,211	654,981	293,536	361,445
Sheep.....	16,718,622	7,483,948	9,234,673	4,640,683	2,422,327	2,218,356	533,803	140,553	393,251
Goats .....	21,184,395	8,906,053	*	2,987,223	1,285,066	1,702,157	410,276	105,558	304,718
Horses.....	162,421	88,565	73,856	235,685	140,743	94,941	24,205	7,300	16,905
Donkeys .....	1,032,387	522,610	509,777	1,120,736	676,195	444,541	58,173	18,930	39,244
Mules.....	46,803	25,275	21,528	82,666	44,896	37,770	6,262	2,531	3,732
Camels.....	2,398,689	876,238	1,522,451	63,987	40,451	23,537	34,929	20,830	14,099
Poultry .....	58,158,490	26,704,979	31,453,511	19,238,667	7,310,246	11,928,421	603,124	163,516	439,607

**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 15 million chickens, 9 million sheep, 7 million cattle and about 10 million goats were sold and about 23 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 59 million animals and households have also offered about 1.8 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 .....	7,022,929	4,455,585	2,567,344	391,991	245,778	146,213	3,433,251	1,534,467	1,898,783	529,467	231,943	297,524
Sheep.....	8,757,422	5,120,443	3,636,980	4,441,433	3,450,027	991,406	6,514,310	2,435,705	4,078,605	354,946	91,461	263,486
Goats .....	9,678,712	5,694,319	3,984,393	3,982,556	2,933,493	1,049,064	8,736,659	3,281,590	5,455,070	429,420	137,087	292,333
Horses.....	201,846	127,549	74,297				164,642	79,379	85,263	15,603	8,425	7,178
Donkeys .....	683,124	422,338	260,786				630,603	323,831	306,772	33,363	19,005	14,358
Mules.....	61,191	31,922	29,269				21,254	12,557	8,697	9,657	6,968	2,689
Camels.....	423,885	293,326	130,559	124,440	88,313	36,127	531,113	200,618	330,496	37,475	14,632	22,843
Poultry .....	15,857,426	8,710,792	7,146,634	14,354,131	9,525,659	4,828,472	39,092,904	16,216,838	22,876,067	410,380	149,242	261,139

\* 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 areas of the country during the reference period, is about 4.96 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 2.43 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 1.482 liters. With regard to camel, the average lactation period is about nine months whereas the average daily milk yield is about 2.791 liters in the rural 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 129 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 1.65, 1.73 and 1.74 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 369 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 5,9 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 163 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 13,48 and 128 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)...		1.482	
Average Lactation Period (Months) .....		7	
Total Milk Production (Liters) .....		4,692,993,642	
Camel Milk			
Average Daily Milk Production (Liters/Camel)...		2.791	
Average Lactation Period (Months) .....		9	
Total Milk Production (Liters) .....		2,434,293,505	
Honey Production			
All Types of Beehives (Number).....		6986100	
Production (Kilograms).....		129,301,078	
Average Frequency (Harvests/Year) .....		1.66	
Traditional Beehives (Number).....		6,699,219	
Production (Kilograms) .....		124,791,328	
Average Frequency (Harvests/Year) ....		1.65	
Intermediate Beehives (Number).....		102,957	
Production (Kilograms) .....		920,058	
Average Frequency (Harvests/Year) ....		1.73	
Modern Beehives (Number).....		183,924	
Production (Kilograms) .....		3,589,692	
Average Frequency (Harvests/Year) ....		1.74	
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	5	9	-
Average Length of a Period (in days).....	23	62	163
Average Number of Eggs/Hen/Period.....	13	48	128
Total Egg Production (Number).....	123,623,566	210,564,137	34,606,373

### **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 Spt[5]	Render Pest[6]	Other
Cattle	23,289,865	9,347,969	8,119,788	3,448,277	5,004,499		4,489,394
Sheep	5,593,893	965,787	560,350	1,579,908	1,473,849	410,073	1,760,623
Goats	5,668,302	1,208,838	687,197	1,665,727	1,578,485	397,694	1,538,573
Camels	219,483	29,367	2,371	52,143	13,026	3,330	141,845
<b>Total</b>	<b>34,771,544</b>	<b>11,551,961</b>	<b>9,369,706</b>	<b>6,746,056</b>	<b>8,069,859</b>	<b>811,097</b>	<b>7,930,435</b>

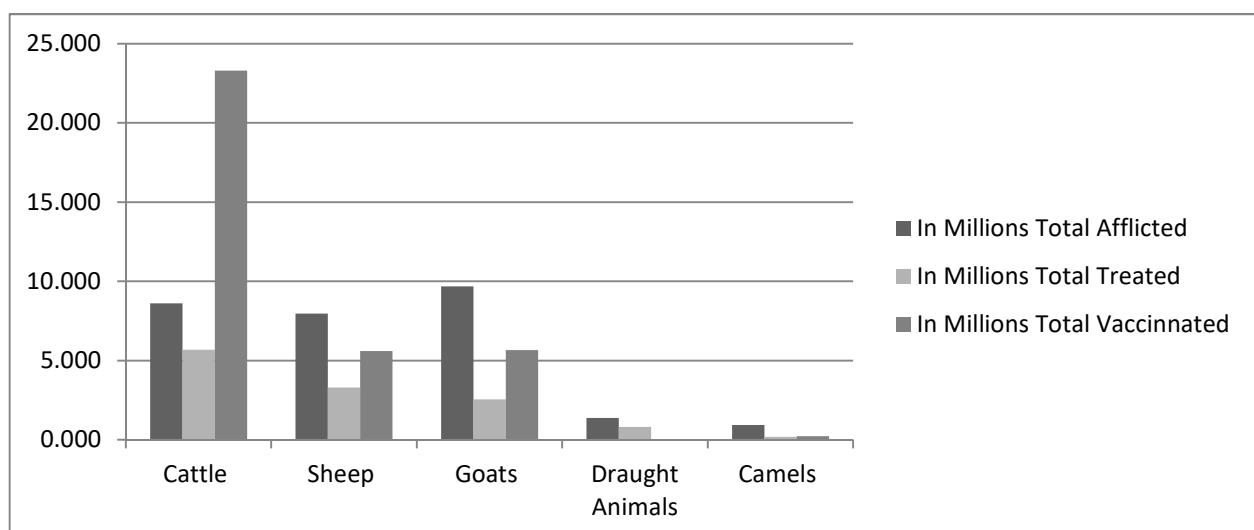
**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2019/2020**

Item	Number	%
<b>Total Afflicted .....</b>	<b>52,730,550</b>	<b>100</b>
Cattle .....	8,612,555	16.33
Sheep .....	7,958,561	15.09
Goats .....	9,677,225	18.35
Horses, Donkeys, and Mules .	1,386,861	2.63
Camels.....	928,658	1.76
Poultry .....	24,166,689	45.83
<b>Total Treated .....</b>	<b>17,037,227</b>	<b>100</b>
Cattle .....	5,689,214	33.39
Sheep .....	3,309,267	19.42
Goats .....	2,548,474	14.96
Horses, Donkeys, and Mules .	807,634	4.74
Camels.....	184,036	1.08
Poultry .....	4,498,602	26.4

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 35 million. Out of these animals, about 66.9 percent were cattle followed by goats, which took about 16.3 percent share. Sheep also accounted for about 16.0 percent of the total vaccinated animals. The survey results revealed that about 0.23 million camels was vaccinated during the reference period.

As indicated in Summary Tabel III.9b, about 53 million animals were diseased/afflicted by different types of diseases during the reference period and only about 17 million of them were treated. The cattle constituted about 33.4 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 LIVESTOCK<sup>3</sup>

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

Most of the holdings, about 48 percent, reported one to four cattle and considerable portion (20.91 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).

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

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

Size	Number of Holdings	%
All Holdings.....	18,877,022	100
Holdings with no Cattle...	4,371,079	23.16
1-2 Head.....	4,706,179	24.93
3-4 Head.....	4,662,176	24.7
5-9 Head.....	3,947,155	20.91
10-19 Head.....	919,220	4.87
20-49 Head.....	231,242	1.22
50-99 Head.....	30,147	0.16
100-199 Head.....	5,443	0.03
>=200 Head.....	4,381	0.02

The result of the survey also revealed that about 20.19 percent and 14.96 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 65.98 percent and about 72.05percent 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.....	18,877,022	100	18,877,022	100
Holdings with no Sheep/Goats.	12,454,478	65.98	13,601,050	72.05
1-4 Head.....	3,810,383	20.19	2,823,932	14.96
5-9 Head.....	1,697,539	8.99	1,226,566	6.5
10-49 Head.....	809,854	4.29	1,036,083	5.49
50-99 Head.....	79,299	0.42	137,819	0.73
100-199 Head.....	20,829	0.11	36,787	0.19
200-499 Head.....	4,550	0.02	13,893	0.07
>=500 Head.....	90	*	892	*

With regard to drought animals, from the holdings that owned draught animals, most of them were with one to two head. About 97.1 percent, 98.06 percent, 92.21 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	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	18,877,022	100	18,877,022	100	18,877,022	100	18,877,022	100
Holdings with no Animals.	17,406,488	92.21	11,676,125	61.85	18,511,338	98.06	18,329,149	97.1
1-2 Head.....	1,325,868	7.02	6,557,760	34.74	365,556	1.94	190,445	1.01
3-4 Head.....	133,028	0.7	567,250	3	128	*	69,670	0.37
5-9 Head.....	11,201	0.06	70,475	0.37	-	-	88,455	0.47
>= 10 Head.....	437	*	5,412	0.03	-	-	199,303	1.06

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 (47 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.....	18,877,022	100
Holdings with no Poultry...	8,811,546	47
1-9 Head.....	8,382,398	44
10-49 Head.....	1,671,019	9
50-99 Head.....	9,700	0
100-199 Head.....	2,359	0
200-499 Head.....	-	-

### 3.7 ANIMAL FEED

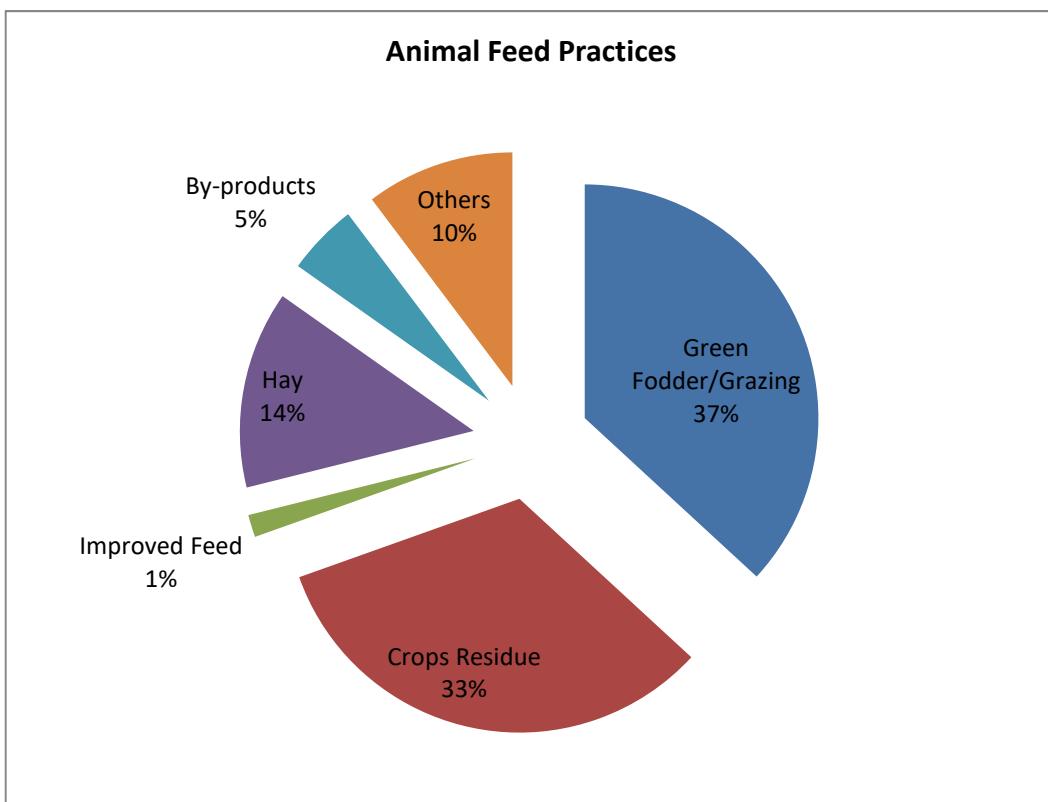
Data on animal feed practices of holders in the rural sedentary as well as pastoral areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, 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, nüeg 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 (54.54 about percent) followed by crops residue that is 31.13 percent. Hay and by-products were also used as animal feeds that comprise about 7.35 and 2.03 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 0.57 percent) was used as animal feed and other types of feed that accounted for about 4.37 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 .....	15,531,354	54.54
Crops Residue.....	13,776,854	31.13
Improved Feed.....	653,532	0.57
Hay .....	5,761,015	7.35
By-products .....	2,082,169	2.03
Others .....	4,335,186	4.37

**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 15.53 million holders have used green fodder to feed their animals. Significant number of holders (about 13.77 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 5.76 million, and about 2 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 4.33 million) as well reported to use other types of feeds while about 0.65 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.....	15,531,355	13,776,854	653,532	5,761,014	2,082,169	4,335,186
Own Holding.....	7,736,395	12,477,400	453,824	4,244,035	862,429	3,242,771
Purchased.....	405,892	225,706	122,577	595,396	1,089,784	393,460
Communal Holdings/Government	3,455,154	104,620	19,117	139,782	12,521	77,987
From any Two or More Sources...	3,770,161	895,475	44,461	754,432	100,133	538,589
Other Sources.....	163,753	73,653	13,553	27,369	17,302	82,379

### **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 576 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 2.91 percent of them have practiced honey and wax development package. Moreover, about 5.25 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 .....	576,544	100
Dairy Development Package.....	138,145	23.96
Beef/Meat/Mutton Development Package.....	49,079	8.51
Poultry Development Package.....	323,842	56.17
Honey and Wax Development Package.....	16,777	2.91
Two or More of the Packages.....	30,240	5.25
Others.....	18,463	3.2

**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
National	<b>70,291,776</b>	<b>42,914,865</b>	<b>52,463,535</b>	<b>2,148,492</b>	<b>382,784</b>	<b>10,791,896</b>	<b>8,145,790</b>	<b>56,992,987</b>	<b>6,986,100</b>
Tigray	<b>4,908,964</b>	<b>2,097,619</b>	<b>4,838,969</b>	<b>2,558</b>	<b>8,078</b>	<b>901,002</b>	<b>46,436</b>	<b>7,000,785</b>	<b>343,243</b>
North West Tigray	1,954,132	410,846	2,357,427	*	-	268,072	18,423	2,592,291	84,520
Central Tigray	725,700	549,192	1,110,054	*	-	179,470	11,345	1,389,635	74,152
Eastern Tigray	466,981	614,973	194,578	-	*	146,425	*	971,211	78,612
Southern Tigray	390,934	186,475	161,672	-	3,808	70,266	-	405,935	27,759
Western Tigray	847,546	101,390	679,188	-	-	72,760	6,603	871,111	38,516
South Western Tigray	523,671	234,743	336,050	-	-	164,009	-	770,603	39,684
Afar	<b>1,959,185</b>	<b>4,476,485</b>	<b>8,843,082</b>	-	-	<b>308,835</b>	<b>1,258,971</b>	<b>91,562</b>	<b>19,488</b>
Zone_1 (Awsiresu)	916,830	2,181,923	3,924,025	*	*	125,497	472,064	-	*
Zone_2 (Kelbetiresu)	62,214	413,083	1,376,619	*	*	59,030	123,434	61,780	18,689
Zone_3 (Gebiresu)	620,828	1,089,703	1,871,544	*	-	61,033	432,458	*	-
Zone_4 (Fentiresu)	100,838	338,140	587,919	-	*	24,433	66,140	*	*
Zone_5 (Hariresu)	258,475	453,636	1,082,975	*	*	38,842	164,875	-	*
Amhara	<b>17,262,804</b>	<b>10,391,582</b>	<b>7,045,305</b>	<b>490,154</b>	<b>199,847</b>	<b>3,725,454</b>	<b>44,774</b>	<b>19,060,608</b>	<b>1,380,048</b>
North Gonder	778,942	506,919	645,359	35,480	8,556	187,465	*	1,304,189	96,205
South Gonder	1,977,764	1,225,461	905,804	34,417	24,723	406,620	*	1,885,633	193,675
North Wello	924,892	928,259	583,226	37,547	16,326	293,698	14,847	1,069,976	48,456
South Wello	1,952,374	1,538,406	1,390,763	40,250	30,134	664,223	-	1,965,306	156,088
North Shewa	1,704,407	1,941,024	823,550	120,966	8,743	574,419	16,614	2,000,196	74,778
East Gojjam	2,166,683	1,110,700	250,630	75,707	26,828	426,018	*	1,350,897	105,847
West Gojjam	2,922,093	1,555,225	288,719	29,554	52,568	443,573	*	3,729,350	281,155
Waghimra	367,985	196,608	550,710	*	2,645	122,909	*	398,167	135,226
Awj	1,137,033	551,125	130,732	91,932	20,517	79,037	*	1,416,013	85,135
Oromiya Special Zone	322,932	39,203	211,362	*	*	60,037	10,232	347,721	7,043
Central Gonder	2,632,866	772,065	1,060,173	-	8,619	437,989	*	3,244,120	168,600
West Gonder	374,833	26,587	204,277	*	-	29,465	-	349,039	27,840
Oromiya	<b>25,506,409</b>	<b>9,752,385</b>	<b>8,425,727</b>	<b>1,309,923</b>	<b>120,161</b>	<b>3,900,800</b>	<b>292,908</b>	<b>19,160,388</b>	<b>3,770,056</b>
West Wollega	1,306,092	422,262	69,192	-	-	190,279	*	1,217,561	386,555
East Wollega	1,079,293	274,633	171,251	-	4,528	132,271	*	777,286	220,176
Ilu Ababor	943,571	308,008	146,369	51,498	4,919	35,240	*	779,081	-
Jimma	2,560,207	859,914	570,387	68,664	21,395	191,054	*	2,235,702	532,728
West Shewa	2,294,593	1,074,939	264,931	263,558	11,210	265,736	*	1,347,507	167,441
North Shewa	1,323,045	945,409	158,116	84,142	-	318,765	*	656,314	67019
East Shewa	1,109,685	445,120	431,649	13,114	4,762	292,307	-	859,616	11,557
Arusi	2,904,201	1,228,912	1,176,724	253,950	38,872	601,475	-	1,783,090	94,155
West Hararghe	1,117,575	135,963	1,112,238	-	*	281,157	-	1,447,796	106,819
East Hararghe	1,241,557	314,134	1,151,462	*	*	300,707	-	2,275,854	75,029
Bale	961,215	177,471	404,246	62,197	5,062	136,014	26,264	438,382	225,847
Borena	602,593	420,512	657,479	*	-	65,075	88,174	152,299	-
South West Shewa	1,094,301	263,084	260,410	68,198	4,029	197,111	*	694,786	61,655
Guji	1,424,030	631,170	331,790	124,487	-	90,614	-	1,354,160	339,033
West Guji	535,175	196,494	192,905	30,146	-	39,903	*	355,439	106,331
Oromiya Special Zone	949,822	479,024	73,625	34,311	-	194,274	*	727,668	20,128
West Arusi	1,835,794	969,205	245,950	205,797	-	258,017	*	761,163	32,801
Kelem Wollega	513,415	202,563	83,494	*	2,903	49,067	*	477,942	168,481
Horo Guduru Wollega	744,617	189,992	146,124	28,372	1,393	124,369	*	472,374	118,569
Buno Bedele	443,264	108,479	95,030	12,707	3,647	27,275	-	227,011	77,114
East Bale	522,364	105,097	682,353	-	3,647	-	101,688	119,356	<b>93,119</b>

**TABLE 3-1 CONT'D**

Geographic Area	ALL LIVESTOCK									
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES	
<b>Somalie</b>	<b>6,034,887</b>	<b>11,013,491</b>	<b>16,464,505</b>	*	553	*	<b>6,489,702</b>	<b>318,567</b>	<b>167,961</b>	*
Siti	52,045	114,160	344,966	*	*	*	12,331	14,193		*
Fafan	558,229	807,519	712,699	*	*	*	126,911	22,894		-
Jerer	672,956	2,726,526	3,981,852	*	*	*	1,087,831	*	*	*
Erer	555,648	808,458	1,084,399	*	-	*	725,144	*	39,827	
Korahe	560,940	684,796	609,943	*	-	*	427,605	-	*	
Shebele	680,136	836,696	1,279,518	*	*	*	-	113,264	*	
Dollo	1,022,817	967,633	734,718	*	*	*	341,831	*	*	
Afder	685,181	1,599,007	4,185,770	*	-	*	654,656	*	-	
Liben	387,595	531,251	936,629	*	*	*	260,647	123,690	115,068	
Nogob	662,986	1,740,564	2,066,417	*	*	*	1,901,295	*	1,423	
Dawa	196,352	196,879	527,594	*	-	*	216,681	17,963	-	
<b>Benishangul Gumuz</b>	<b>592,228</b>	<b>61,335</b>	<b>446,323</b>	*	<b>3,457</b>	*	*	<b>1,155,535</b>	<b>171,775</b>	
Assosa	69,440	10,916	157,629	*	*	*	*	465,228	68,009	
Metekel	467,989	27,783	145,031	*	3,421	*	*	391,536	-	
Kemashi	44,448	15,769	132,817	*	*	*	*	260,197	-	
Mao Ena Komo	10,351	6,867	10,847	*	-	*	*	38,574	42,411	
<b>SNNP</b>	<b>11,128,017</b>	<b>4,561,504</b>	<b>5,518,806</b>	310,310	45,489	139,433	*	<b>7,813,730</b>	<b>1,003,737</b>	
Gurage	1,058,674	360,291	139,061	46,891	3,942	12,421	*	542,195	60,031	
Hadiya	1,001,910	173,565	197,170	28,925	3,245	-	*	897,684	89,306	
Kembata Tembaro	416,299	55,962	72,393	4,506	*	1,971	*	301,278	26,924	
Gedeo	124,940	255,117	9,108	23,002	3,160	10,909	*	136,319	37,022	
Welayta	920,248	192,994	211,575	*	-	*	*	-	40,400	
South Omo	2,733,147	1,415,361	3,110,966	8,393	2,046	3,938	*	481,237	98,691	
Sheka	284,361	132,211	9,715	20,007	-	15,471	*	184,854	269,788	
Kefa	944,589	475,454	200,499	69,766	9,178	43,170	*	710,656	162,167	
Gamo Gofa	1,434,273	527,374	495,852	49,657	8,632	26,109	*	936,934	57,103	
Bench Maji	367,853	170,400	92,905	11,922	-	2,921	*	310,931	27,055	
Yem Liyu	86,116	17,513	36,709	368	-	131	*	56,280	-	
Segen Akababi Hizboch	413,485	234,857	443,376	-	-	-	*	527,817	21,177	
Alaba Special	198,371	69,148	113,975	1,128	*	919	*	222,694	15,072	
Dawro	318,018	60,836	72,492	2,573	2,692	1,964	*	211,113	13,442	
Basketo Special	49,404	19,013	12,183	-	432	-	*	55,553	4,080	
Konta Liyu	106,925	18,911	27,379	1,571	-	-	*	107,734	9,773	
Silite	669,405	382,495	273,449	38,654	2,480	4,678	*	646,525	49,231	
<b>Sidama</b>	<b>2,413,482</b>	<b>467,858</b>	<b>308,903</b>	<b>34,709</b>	-	<b>16,376</b>	*	<b>1,824,841</b>	<b>44,364</b>	
<b>Gambela</b>	<b>321,722</b>	<b>27,789</b>	<b>135,494</b>	<b>636</b>	-	<b>577</b>	*	<b>314,680</b>	<b>77,902</b>	
Angewak	7,035	-	7,932	*	-	*	*	61,211	-	
Newer	276,876	15,022	109,121	*	*	*	*	160,955	*	
Mejenger	20,530	11,577	9,744	636	-	577	*	55,065	61,756	
Itang Special	17,281	729	8,697	*	*	*	*	37,448	-	
Hareri	<b>86,056</b>	<b>5,497</b>	<b>110,499</b>	*	*	*	-	<b>129,963</b>	<b>4,360</b>	
<b>Dire Dawa</b>	<b>78,022</b>	<b>59,320</b>	<b>325,922</b>	-	*	-	<b>11,190</b>	<b>122,328</b>	<b>3,167</b>	

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

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
National	70,291,776	2,916,471	2,790,876	5,655,229	18,284,033	1,125,584	3,495,559	3,389,003	7,362,854	24,161,650	1,110,517
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
North West Tigray	1,954,132	98,085	50,684	122,574	604,514	26,624	128,540	80,364	162,101	654,510	26,138
Central Tigray	725,700	21,532	14,018	39,375	287,423	39,863	29,279	20,547	63,990	195,380	14,292
Eastern Tigray	466,981	16,078	13,012	37,705	157,326	16,608	20,159	16,802	39,710	142,820	-
Southern Tigray	390,934	16,173	13,225	26,890	135,503	6,595	15,968	14,608	36,229	121,944	3,799
Western Tigray	847,546	39,335	31,497	64,156	159,232	10,378	63,548	52,974	113,500	293,499	19,428
South Western Tigray	523,671	16,175	15,313	27,795	208,070	33,181	21,181	18,104	36,642	130,626	16,583
Afar	1,959,185	133,286	80,263	74,233	147,544	3,334	190,903	134,940	227,703	955,074	11,904
Zone_1 (Awsiresu)	916,830	58,489	33,596	29,671	73,373	-	90,655	64,671	102,646	456,783	-
Zone_2 (Kelbetiresu)	62,214	5,791	-	2,526	7,918	-	7,287	2,211	3,491	28,870	-
Zone_3 (Gebiresu)	620,828	45,259	28,823	24,900	46,085	-	60,366	44,671	74,358	292,009	-
Zone_4 (Fentiresu)	100,838	6,463	3,860	4,516	5,591	-	11,183	4,979	11,257	51,999	-
Zone_5 (Hariresu)	258,475	*	*	*	*	*	*	*	*	*	*
Amhara	17,262,804	548,148	596,406	1,446,834	5,761,589	508,883	608,382	608,151	1,474,875	5,355,411	354,126
North Gonder	778,942	37,677	26,183	55,282	264,026	12,798	27,157	30,513	63,290	248,967	13,050
South Gonder	1,977,764	63,805	67,767	191,454	654,758	40,790	63,644	54,712	180,576	632,986	27,273
North Wello	924,892	38,679	29,219	66,728	309,244	32,366	41,291	29,321	81,629	274,913	21,503
South Wello	1,952,374	63,837	60,699	157,549	749,133	42,802	78,196	82,511	157,285	535,071	25,291
North Shewa	1,704,407	40,787	39,050	136,407	740,641	86,943	54,998	43,850	121,579	415,380	24773
East Gojjam	2,166,683	48,249	64,362	174,835	756,983	99,531	46,778	71,066	169,171	679,529	56,180
West Gojjam	2,922,093	70,140	121,572	281,481	907,483	65,588	90,108	110,930	234,240	970,614	69,937
Waghimra	367,985	16,602	10,186	20,990	132,852	5,069	16,966	11,123	35,040	115,728	3,430
Awj	1,137,033	42,507	35,226	104,112	323,585	8,140	44,106	30,050	120,170	410,232	18,904
Oromiya Special Zone	322,932	17,078	15,766	28,380	93,605	4,827	13,660	8,637	27,265	109,670	4043
Central Gonder	2,632,866	89,038	107,898	199,176	762,500	105,938	108,374	110,229	238,285	832,538	78,890
West Gonder	374,833	19,750	18,478	30,441	66,779	4,091	23,104	25,209	46,345	129,784	10,852
Oromiya	25,506,409	1,040,79	1,015,468	2,117,263	7,190,553	353,003	1,119,321	1,158,980	2,642,100	8,487,471	381,458
West Wollega	1,306,092	46,099	46,962	92,517	337,175	*	43,133	55,747	174,437	505,387	-
East Wollega	1,079,293	33,969	49,243	94,573	298,080	5,007	38,676	50,655	107,731	389,084	12,275
Ilu Ababor	943,571	45,664	49,046	91,363	198,597	-	46,865	40,068	120,316	342,188	6,439
Jimma	2,560,207	93,617	81,727	231,373	801,594	11,474	100,428	81,297	281,778	858,809	18,109
West Shewa	2,294,593	75,616	100,753	186,998	738,703	34,764	92,196	95,170	208,147	712,340	49,905
North Shewa	1,323,045	36,893	46,780	107,855	510,145	21,747	43,630	43,893	110,003	386,593	15507
East Shewa	1,109,685	27,435	39,463	81,738	388,546	37,501	30,881	45,414	133,177	298,753	26,776
Arsi	2,904,201	104,235	113,050	217,901	939,782	116,503	111,569	128,515	258,618	837,289	76,737
West Hararghe	1,117,575	58,935	43,567	104,581	281,031	4,017	58,215	48,889	121,056	383,685	13,599
East Hararge	1,241,557	77,611	46,370	177,871	157,535	-	56,969	48,130	184,927	467,478	22,324
Bale	961,215	55,878	35,515	55,708	285,251	11,946	55,527	45,300	71,109	334,407	10,574
Borena	602,593	42,266	35,959	40,851	82,348	12,589	58,736	60,860	73,083	178,835	17,067
South West Shewa	1,094,301	25,640	34,319	89,062	404,009	21,993	24,965	42,306	91,191	348,529	12,288
Guji	1,424,030	59,131	74,168	136,410	305,484	10,522	57,610	97,638	157,513	506,179	19,374
West Guji	535,175	34,690	20,953	50,361	90,545	-	40,004	26,835	61,302	190,019	-
Oromiya Special Zone	949,822	37,839	36,529	65,967	307,452	25,754	32,958	42,198	73,118	309,056	18952
West Arsi	1,835,794	109,112	79,710	109,798	407,563	3,749	135,545	99,077	199,895	678,153	13,192
Kelem Wollega	513,415	9,854	14,199	39,962	170,316	*	17,948	22,603	40,006	196,722	-
Horo Guduru Wollega	744,617	26,817	23,504	63,319	227,458	9,310	26,168	35,179	75,779	251,776	5,307
Buno Bedele	443,264	16,286	23,695	39,721	117,670	996	18,575	23,791	46,740	153,714	-
East Bale	522,364	23,203	19,956	39,333	141,268	15,069	28,724	25,415	52,175	158,474	18,747

**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
Somalie	6,034,887	380,036	306,013	407,957	643,046	30,942	610,794	543,692	782,248	2,249,790	80,369
Siti	52,045	6,370	1,733	2,819	4,560	-	5,668	1,830	4,176	23,087	1,460
Fafan	558,229	33,655	24,368	30,330	76,891	*	31,201	30,187	46,137	284,564	-
Jerer	672,956	42,666	46,236	61,771	59,657	-	93,827	71,944	112,480	180,706	-
Erer	555,648	26,691	29,163	48,314	72,112	-	49,315	54,019	69,018	194,441	8,791
Korahe	560,940	34,218	27,056	20,732	32,309	-	65,257	60,887	68,474	245,183	5,227
Shebele	680,136	47,195	38,579	68,062	61,758	6,340	49,476	54,420	105,733	228,486	20,087
Dollo	1,022,817	48,779	49,953	65,326	120,397	-	105,915	113,066	147,195	360,976	8,500
Afder	685,181	51,306	32,337	37,034	68,156	3,608	72,948	56,343	86,600	270,234	6,614
Liben	387,595	36,262	16,265	19,297	49,669	3,455	43,006	22,330	32,832	160,103	4,375
Nogob	662,986	35,838	30,739	44,376	79,914	7,976	69,732	57,879	83,656	234,240	18,636
Dawa	196,352	17,055	9,585	9,895	17,621	883	24,451	20,787	25,948	67,770	2,357
<b>Benishangul Gumuz</b>	<b>592,228</b>	<b>19,017</b>	<b>25,293</b>	<b>53,598</b>	<b>140,701</b>	-	<b>23,915</b>	<b>37,875</b>	<b>67,951</b>	<b>211,147</b>	<b>7,735</b>
Assosa	69,440	2,955	2,698	5,704	12,562	-	-	4,511	7,574	29,202	-
Metekel	467,989	14,335	19,081	42,083	118,874	-	18,233	29,460	53,496	164,381	-
Kemashi	44,448	-	3,204	4,797	7,015	*	2,509	3,427	5,546	14,063	-
Mao Ena Komo	10,351	609	309	1,014	2,250	-	485	477	1,335	3,501	-
<b>SNNP</b>	<b>11,128,017</b>	<b>426,447</b>	<b>478,310</b>	<b>1,034,353</b>	<b>2,631,051</b>	<b>79,743</b>	<b>460,060</b>	<b>532,394</b>	<b>1,355,210</b>	<b>3,999,974</b>	<b>130,474</b>
Gurage	1,058,674	49,650	51,084	81,073	153,103	-	51,635	47,705	130,488	464,340	23,131
Hadiya	1,001,910	36,218	39,060	57,939	283,527	5,137	47,389	54,629	83,243	385,017	9,752
Kembata Tembaro	416,299	13,029	11,766	21,701	78,167	-	21,407	26,291	49,296	177,786	-
Gedeo	124,940	3,769	4,786	15,517	32,751	-	1,757	4,436	10,832	45,221	-
Welayta	920,248	39,395	42,968	89,113	195,984	-	36,245	41,130	112,607	348,515	12,000
South Omo	2,733,147	86,752	118,296	-	650,451	8,585	85,727	126,546	-	841,252	13,989
Sheka	284,361	20,881	14,495	27,281	61,137	*	15,580	8,773	33,550	101,440	-
Kefa	944,589	37,117	43,770	69,599	243,189	-	39,874	46,887	100,754	351,925	9,972
Gamo Gofa	1,434,273	58,638	70,449	123,795	303,429	-	74,496	76,927	171,805	528,035	15,727
Bench Maji	367,853	15,386	12,782	26,150	102,782	-	14,775	15,648	36,882	135,760	-
Yem Liyu	86,116	-	2,164	3,878	30,341	-	-	2,328	-	32,293	-
Segen Akababi Hizboch	413,485	14,153	14,619	33,776	148,362	9,336	12,137	15,000	35,507	124,420	6,177
Alaba Special	198,371	7,477	4,109	14,527	58,981	-	10,463	7,392	18,764	69,513	3,884
Dawro	318,018	11,327	13,615	28,835	67,610	4,078	11,244	16,166	51,060	111,231	2,852
Basketo Special	49,404	2,337	1,518	6,020	11,564	-	2,218	2,029	5,412	17,899	-
Konta Liyu	106,925	4,225	4,452	9,417	30,326	-	4,116	5,912	13,990	33,565	255
Silite	669,405	23,447	28,377	51,151	179,349	13,557	27,766	34,597	65,300	231,764	14,096
<b>Sidama</b>	<b>2,413,482</b>	<b>134,919</b>	<b>124,544</b>	<b>155,938</b>	<b>164,315</b>	-	<b>167,344</b>	<b>126,818</b>	<b>291,158</b>	<b>1,191,232</b>	-
Gambela	321,722	17,652	20,531	28,346	31,065	2,535	25,978	35,568	48,919	104,972	6,157
Angewak	7,035	361	-	428	1,547	-	345	-	819	2,604	-
Newer	276,876	15,443	18,029	24,957	26,403	2,286	23,252	32,212	43,495	85,536	5,262
Mejenger	20,530	1,118	1,136	1,849	1,715	*	1,380	1,731	2,507	8,971	-
Itang Special	17,281	730	986	1,111	1,399	233	1,000	1,153	2,098	7,861	710
Hareri	86,056	2,372	3,626	10,056	12,119	-	5,213	4,039	12,119	35,025	1,190
Dire Dawa	78,022	6,424	2,674	8,155	9,982	-	4,972	3,147	8,399	32,777	1,158

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

Geographic Area	SHEEP									
	ALL SHEEP	MALE				FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	
National	<b>42,914,865</b>	<b>4,215,191</b>	<b>2,152,958</b>	<b>2,360,248</b>	<b>3,716,451</b>	<b>4,989,121</b>	<b>2,901,350</b>	<b>4,393,083</b>	<b>18,186,463</b>	
Tigray	<b>2,097,619</b>	<b>194,150</b>	<b>96,440</b>	<b>93,180</b>	<b>132,799</b>	<b>225,036</b>	<b>153,502</b>	<b>233,302</b>	<b>969,210</b>	
North West Tigray	410,846	30,425	18,887	14,099	28,813	36,829	39,456	50,721	191,616	
Central Tigray	549,192	46,871	18,984	25,929	43,945	53,085	43,213	60,597	256,568	
Eastern Tigray	614,973	77,883	29,371	25,279	19,793	77,223	33,367	61,854	290,203	
Southern Tigray	186,475	15,890	8,899	7,003	12,012	21,600	15,166	19,568	86,336	
Western Tigray	101,390	4,188	-	-	1,822	7,326	8,970	-	52,537	
South Western Tigray	234,743	18,893	15,849	9,525	26,413	28,972	13,330	29,812	91,950	
Afar	<b>4,476,485</b>	<b>343,930</b>	<b>207,219</b>	<b>179,904</b>	<b>336,896</b>	<b>504,789</b>	<b>321,089</b>	<b>405,938</b>	<b>2,176,721</b>	
Zone_1 (Awsiresu)	2,181,923	163,996	83,906	72,179	185,902	262,243	135,718	149,326	1,128,653	
Zone_2 (Kelbetiresu)	413,083	37,328	19,973	18,774	33,269	46,502	23,981	28,966	204,289	
Zone_3 (Gebiresu)	1,089,703	86,305	63,223	50,334	71,868	118,342	98,527	132,656	468,448	
Zone_4 (Fentiresu)	338,140	23,071	14,374	13,028	23,096	34,017	24,256	32,401	173,896	
Zone_5 (Hariresu)	453,636	33,230	25,743	25,589	22,761	43,685	38,607	62,589	201,435	
Amhara	<b>10,391,582</b>	<b>1,302,348</b>	<b>417,537</b>	<b>432,084</b>	<b>603,808</b>	<b>1,397,120</b>	<b>496,562</b>	<b>802,166</b>	<b>4,939,957</b>	
North Gonder	506,919	52,036	22,802	14,007	20,408	59,536	31,172	58,104	248,854	
South Gonder	1,225,461	161,809	59,922	52,049	41,580	173,342	69,793	100,707	566,261	
North Wello	928,259	95,534	44,834	37,532	64,937	134,301	44,441	57,734	448,946	
South Wello	1,538,406	182,546	71,326	82,866	120,391	213,119	56,817	127,023	684,318	
North Shewa	1,941,024	206,240	61,223	111,201	213,891	248,721	82,575	156,764	860,409	
East Gojjam	1,110,700	148,341	28,261	33,906	36,055	153,997	64,070	55,740	590,330	
West Gojjam	1,555,225	228,021	67,245	53,358	40,840	213,227	65,408	109,482	777,646	
Waghimra	196,608	20,418	4,948	8,577	16,520	22,628	12,995	20,889	89,633	
Awi	551,125	87,623	25,658	13,966	9,170	80,096	25,997	41,433	267,182	
Oromiya Special Zone	39,203	3,653	1,788	6,850	4,796	3,112	-	5,854	12085	
Central Gonder	772,065	113,858	28,084	16,889	-	91,870	39,722	64,159	384,591	
West Gonder	26,587	2,269	1,446	883	-	3,171	2,508	4,279	9,703	
Oromiya	<b>9,752,385</b>	<b>1,210,096</b>	<b>569,623</b>	<b>523,230</b>	<b>647,872</b>	<b>1,309,185</b>	<b>615,560</b>	<b>913,532</b>	<b>3,963,289</b>	
West Wollega	422,262	87,082	20,858	33,235	-	67,435	-	30,804	167,251	
East Wollega	274,633	37,112	21,423	16,367	7,780	37,547	17,809	23,267	113,328	
Ilu Ababor	308,008	50,099	11,975	9,600	13,484	42,755	18,058	28,460	133,577	
Jimma	859,914	101,972	46,365	57,323	36,788	112,163	48,369	104,453	352,481	
West Shewa	1,074,939	152,006	41,938	33,067	31,268	165,433	60,553	59,435	531,240	
North Shewa	945,409	121,232	41,539	48,988	23,160	140,000	50,569	89,083	430838	
East Shewa	445,120	49,094	38,217	23,635	33,725	43,116	36,888	49,461	170,984	
Arsi	1,228,912	131,210	83,232	54,129	153,447	152,203	87,730	78,899	488,061	
West Hararghe	135,963	18,899	5,561	3,613	7,106	15,510	9,983	11,546	63,744	
East Hararge	314,134	43,048	11,378	17,470	27,998	46,627	12,801	20,445	134,368	
Bale	<b>177,471</b>	<b>27,447</b>	<b>12,383</b>	<b>9,183</b>	<b>9,959</b>	<b>22,977</b>	<b>9,219</b>	<b>19,688</b>	<b>66,615</b>	
Borena	420,512	36,135	36,083	34,540	46,970	48,020	46,085	54,824	117,855	
South West Shewa	263,084	37,062	24,581	24,851	4,647	29,024	19,613	22,369	100,937	
Guji	631,170	62,631	39,071	42,632	58,178	68,154	43,079	76,448	240,977	
West Guji	196,494	14,426	10,939	11,627	17,091	18,441	13,442	19,242	91,287	
Oromiya Special Zone	479,024	73,861	21,441	21,581	15,993	80,324	17,360	33,135	215330	
West Arsi	969,205	101,465	61,066	-	44,533	146,530	94,473	-	323,018	
Kelem Wollega	202,563	11,336	-	*	76,996	19,969	-	12,668	56,774	
Horo Guduru Wollega	189,992	29,836	9,886	9,766	9,257	27,494	8,811	18,023	76,919	
Buno Bedele	108,479	18,008	1,916	5,255	3,298	15,632	4,804	10,635	48,930	
East Bale	105,097	-	-	9,098	18,481	9,830	7,127	-	38,774	

TABLE 3-3 CONT'D

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
<b>Somalie</b>	<b>11,013,491</b>	<b>676,060</b>	<b>606,438</b>	<b>761,982</b>	<b>1,457,883</b>	<b>1,082,501</b>	<b>1,015,372</b>	<b>1,457,397</b>	<b>3,955,858</b>
Siti	114,160	13,832	5,755	5,037	10,217	13,536	7,045	9,205	49,534
Fafan	807,519	45,999	42,428	50,843	103,974	50,539	48,229	68,125	397,382
Jerer	2,726,526	146,497	164,756	211,010	375,853	268,991	278,949	442,089	838,381
Erer	808,458	43,687	48,955	66,433	106,212	79,656	79,263	103,465	280,789
Korahe	684,796	45,890	36,727	30,035	57,414	74,149	85,581	83,403	271,596
Shebele	836,696	57,655	56,736	54,158	101,333	89,737	89,526	87,641	299,910
Dollo	967,633	45,296	38,484	63,006	116,334	104,349	79,561	169,154	351,449
Afder	1,599,007	110,940	77,536	98,586	205,955	158,660	137,383	211,551	598,397
Liben	531,251	43,703	24,702	33,222	72,875	62,849	47,181	56,172	190,546
Nogob	1,740,564	104,273	94,257	133,706	279,300	155,916	143,649	207,465	621,998
Dawa	196,879	18,289	16,101	15,946	-	24,119	19,006	19,127	55,876
<b>Benishangul Gumuz</b>	<b>61,335</b>	<b>9,138</b>	<b>3,215</b>	<b>3,073</b>	<b>3,940</b>	<b>7,999</b>	<b>2,977</b>	<b>11,736</b>	<b>19,256</b>
Assosa	10,916	1,550	537	1,101	822	1,625	970	1,764	2,547
Metekel	27,783	-	2,040	-	-	3,289	-	-	9,231
Kemashi	15,769	-	-	-	-	-	-	-	5,135
Mao Ena Komo	6,867	1,087	353	168	405	879	433	1,199	2,343
<b>SNNP</b>	<b>4,561,504</b>	<b>409,757</b>	<b>233,713</b>	<b>338,720</b>	<b>496,160</b>	<b>406,987</b>	<b>266,586</b>	<b>519,943</b>	<b>1,889,636</b>
Gurage	360,291	46,209	22,968	15,535	13,676	40,242	19,956	35,564	166,141
Hadiya	173,565	15,990	13,599	9,357	7,224	20,715	14,942	18,152	73,586
Kembata Tembaro	55,962	4,462	3,783	4,679	4,394	5,674	4,818	5,247	22,905
Gedeo	255,117	20,982	12,002	15,078	25,492	21,916	15,545	19,829	124,272
Welayta	192,994	16,793	9,577	24,281	16,767	14,249	11,939	35,335	64,054
South Omo	1,415,361	72,159	73,527	158,807	294,728	75,008	81,954	185,683	473,494
Sheka	132,211	24,101	-	3,678	3,658	24,408	6,721	7,708	60,261
Kefa	475,454	54,960	22,096	19,694	20,430	51,200	29,051	58,186	219,836
Gamo Gofa	527,374	49,775	21,865	30,321	27,901	51,349	27,960	54,206	263,997
Bench Maji	170,400	20,071	5,409	5,959	10,929	15,573	9,642	15,021	87,796
Yem Liyu	17,513	2,688	765	791	-	2,225	988	1,144	8,398
Segen Akababi Hizboch	234,857	15,576	11,125	19,493	47,183	14,063	11,035	21,594	94,787
Alaba Special	69,148	10,270	3,362	1,602	2,603	10,531	3,325	5,843	31,612
Dawro	60,836	3,275	3,535	6,123	5,537	3,564	2,929	10,704	25,171
Basketo Special	19,013	1,862	1,134	948	888	1,933	1,443	2,342	8,463
Konta Liyu	18,911	-	1,079	3,326	2,779	1,890	769	-	6,337
Silite	382,495	49,155	26,211	19,049	11,458	52,447	23,568	42,084	158,525
<b>Sidama</b>	<b>467,858</b>	<b>58,176</b>	<b>14,527</b>	<b>23,374</b>	<b>30,696</b>	<b>43,846</b>	<b>24,102</b>	<b>39,066</b>	<b>234,071</b>
Gambela	<b>27,789</b>	<b>3,475</b>	<b>1,692</b>	<b>1,992</b>	<b>3,328</b>	<b>3,773</b>	<b>1,684</b>	<b>3,348</b>	<b>8,498</b>
Angewak	-	-	-	-	*	*	-	-	-
Newer	15,022	1,622	-	-	2,329	1,931	1,028	1,683	4,516
Mejenger	11,577	1,779	463	901	945	1,750	535	1,549	3,655
Itang Special	729	-	-	-	-	-	67	73	311
Hareri	<b>5,497</b>	-	-	<b>374</b>	<b>648</b>	-	-	<b>454</b>	<b>2,268</b>
Dire Dawa	<b>59,320</b>	<b>7,521</b>	<b>2,140</b>	<b>2,335</b>	<b>2,422</b>	<b>7,473</b>	<b>3,529</b>	<b>6,200</b>	<b>27,699</b>

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
National	52,463,535	4,585,247	2,708,225	3,216,634	5,465,163	5,739,122	4,124,763	6,104,061	20,520,320
Tigray	4,838,969	506,809	209,642	222,876	367,882	618,995	383,588	546,009	1,983,167
North West Tigray	2,357,427	275,136	93,762	87,902	158,028	316,490	172,306	266,771	987,032
Central Tigray	1,110,054	97,421	50,076	53,198	114,647	123,809	82,849	106,691	481,363
Eastern Tigray	194,578	24,645	6,291	8,023	16,663	23,173	13,301	25,272	77,211
Southern Tigray	161,672	16,858	7,733	7,224	9,568	19,443	13,654	17,276	69,917
Western Tigray	679,188	62,937	41,489	48,827	39,376	92,846	75,566	98,081	220,068
South Western Tigray	336,050	29,813	10,291	17,704	29,601	43,234	25,913	31,919	147,576
Afar	8,843,082	660,356	402,137	355,455	647,726	976,871	706,656	867,391	4,226,491
Zone_1 (Awsiresu)	3,924,025	307,648	153,398	118,473	291,419	470,215	310,534	296,918	1,975,419
Zone_2 (Kelbetiresu)	1,376,619	106,706	65,271	64,404	118,659	151,866	92,017	138,234	639,462
Zone_3 (Gebiresu)	1,871,544	128,383	107,578	98,010	140,497	197,651	174,900	234,563	789,962
Zone_4 (Fentiresu)	587,919	38,427	21,399	22,895	37,706	62,476	44,539	59,444	301,032
Zone_5 (Hariresu)	1,082,975	79,192	54,491	51,673	59,445	94,663	84,666	138,232	520,616
Amhara	7,045,305	929,799	324,356	413,292	696,428	937,508	429,525	612,061	2,702,336
North Gonder	645,359	92,990	28,466	40,727	29,559	93,012	50,454	48,351	261,799
South Gonder	905,804	124,986	44,431	37,030	84,037	128,040	62,451	78,428	346,402
North Wello	583,226	72,603	17,630	33,268	45,117	92,352	23,378	51,328	247,550
South Wello	1,390,763	191,320	58,122	103,382	132,173	183,598	89,492	125,961	506,717
North Shewa	823,550	75,574	36,655	67,264	188,770	96,544	24,810	72,119	261,816
East Gojjam	250,630	42,466	10,883	4,252	17,108	35,537	13,571	24,602	102,210
West Gojjam	288,719	51,505	13,605	34,621	-	39,359	-	23,769	105,242
Waghimra	550,710	55,904	27,511	27,768	60,343	53,009	44,256	51,620	230,298
Awj	130,732	17,346	-	11,183	16,182	20,413	7,260	10,168	35,787
Oromiya Special Zone	211,362	24,307	12,495	11,212	20,383	20,844	13,490	20,725	87,907
Central Gonder	1,060,173	155,344	49,901	31,639	86,733	146,049	64,648	83,189	442,670
West Gonder	204,277	25,455	12,265	10,945	11,174	28,752	19,949	21,800	73,936
Oromiya	8,425,727	961,977	538,402	498,047	728,689	1,055,690	641,769	856,678	3,144,475
West Wollega	69,192	21,307	*	-	*	9,296	-	-	27,330
East Wollega	171,251	23,889	13,660	11,330	-	31,425	10,707	13,035	60,987
Ilu Ababor	146,369	23,893	5,373	5,581	4,777	23,796	14,307	15,547	53,095
Jimma	570,387	66,066	41,664	15,940	44,803	87,333	34,828	48,037	231,716
West Shewa	264,931	40,791	17,276	9,733	3,186	51,396	17,874	20,110	104,566
North Shewa	158,116	19,496	9,111	11,211	7,119	24,428	14,514	27,413	44,825
East Shewa	431,649	46,280	41,321	29,391	23,898	50,766	41,521	48,939	149,534
Arsi	1,176,724	129,585	67,864	81,487	138,079	142,307	86,410	106,623	424,369
West Hararghe	1,112,238	104,281	62,959	72,987	122,267	124,856	80,134	125,070	419,685
East Hararge	1,151,462	152,297	69,774	71,918	116,011	126,179	59,366	105,559	450,358
Bale	404,246	63,725	18,573	8,288	13,170	56,169	32,004	38,144	174,173
Borena	657,479	55,701	44,279	52,085	65,217	85,325	78,035	86,912	189,924
South West Shewa	260,410	30,923	21,385	13,073	15,081	35,927	17,089	32,696	94,235
Guji	331,790	37,324	15,819	14,914	29,581	37,497	25,962	26,884	143,809
West Guji	192,905	-	-	-	-	20,579	-	20,740	65,856
Oromiya Special Zone	73,625	10,252	6,273	-	4,103	11,397	-	-	26,448
West Arsi	245,950	24,859	24,072	9,937	8,028	26,961	28,310	35,891	87,892
Kelem Wollega	83,494	-	5,369	4,217	-	8,902	-	-	43,188
Horo Guduru Wollega	146,124	16,984	11,696	13,354	9,221	18,475	7,998	12,261	56,136
Buno Bedele	95,030	15,240	4,554	5,130	2,579	14,974	5,493	8,764	38,296
East Bale	682,353	55,916	42,010	46,638	87,798	67,701	57,021	67,217	258,053

TABLE 3-4 CONT'D

Cocooning Area	ALL	GOATS							
		MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somalie	<b>16,464,505</b>	<b>1,003,297</b>	<b>855,433</b>	<b>1,115,031</b>	<b>2,034,654</b>	<b>1,605,110</b>	<b>1,491,851</b>	<b>2,324,510</b>	<b>6,034,619</b>
Siti	344,966	35,094	14,153	14,365	27,987	45,929	22,944	29,539	154,954
Fafan	712,699	49,030	33,011	51,482	99,806	53,023	41,721	56,254	328,372
Jerer	3,981,852	208,691	221,922	291,674	555,341	386,450	387,499	635,210	1,295,065
Erer	1,084,399	63,984	63,936	105,065	141,748	97,540	100,061	130,685	381,380
Korahe	609,943	37,058	28,371	28,490	62,766	65,842	58,650	75,211	253,555
Shebele	1,279,518	82,782	80,249	125,810	168,280	104,658	103,698	182,743	431,298
Dollo	734,718	31,164	25,429	52,762	101,385	58,790	51,709	131,190	282,289
Afder	4,185,770	242,341	201,321	213,773	411,181	412,286	408,651	677,187	1,619,029
Liben	936,629	82,915	44,600	39,577	91,696	120,653	86,577	99,953	370,659
Nogob	2,066,417	125,398	110,437	161,446	325,746	188,207	174,874	243,591	736,716
Dawa	527,594	44,838	32,003	30,586	48,717	71,731	55,467	62,947	181,303
<b>Benishangul Gumuz</b>	<b>446,323</b>	<b>54,624</b>	<b>23,811</b>	<b>29,527</b>	<b>32,298</b>	<b>60,496</b>	<b>36,007</b>	<b>60,583</b>	<b>148,979</b>
Assosa	157,629	17,719	8,322	7,936	8,790	22,808	11,096	19,040	61,918
Metekel	145,031	19,229	7,630	12,021	15,135	17,024	12,917	21,687	39,388
Kemashi	132,817	15,992	7,323	8,514	7,904	19,040	11,202	18,164	44,677
Mao Ena Komo	10,847	1,683	535	1,056	468	1,623	792	1,693	2,996
<b>SNNP</b>	<b>5,518,806</b>	<b>384,706</b>	<b>294,993</b>	<b>522,011</b>	<b>888,594</b>	<b>376,501</b>	<b>365,263</b>	<b>741,807</b>	<b>1,944,930</b>
Gurage	139,061	23,308	5,603	7,450	8,832	15,883	8,794	14,409	54,781
Hadiya	197,170	17,395	12,543	11,657	13,905	17,984	16,734	25,762	81,190
Kembata Tembaro	72,393	6,581	5,704	5,363	4,597	6,896	4,696	9,891	28,666
Gedeo	9,108	-	*	-	-	-	*	1,248	4,357
Welayta	211,575	22,235	13,211	11,582	15,659	20,061	15,678	37,335	75,813
South Omo	3,110,966	141,521	158,277	390,080	683,051	134,492	187,262	453,129	963,154
Sheka	9,715	*	-	-	-	-	-	-	4,733
Kefa	200,499	24,621	10,328	6,466	-	25,937	14,004	19,786	92,587
Gamo Gofa	495,852	53,935	32,189	23,495	28,744	55,962	45,108	60,442	195,976
Bench Maji	92,905	8,417	5,391	5,483	11,797	9,066	4,171	9,502	39,078
Yem Liyu	36,709	5,145	1,023	818	-	3,765	-	2,478	18,423
Segen Peoples'	443,376	23,146	16,269	27,697	80,852	25,613	23,323	50,844	195,632
Alaba Special	113,975	15,457	5,318	2,823	9,582	14,612	7,158	8,954	50,071
Dawro	72,492	6,157	4,759	9,942	6,391	7,531	7,353	12,322	18,037
Basketo Special	12,183	1,837	303	-	-	1,299	564	1,708	4,973
Konta Liyu	27,379	1,952	2,301	3,550	2,238	1,906	2,418	4,883	8,132
Silite	273,449	32,103	21,174	14,067	13,604	31,801	23,015	28,358	109,327
<b>Sidama</b>	<b>308,903</b>	<b>29,632</b>	<b>21,600</b>	<b>20,191</b>	<b>28,374</b>	<b>39,239</b>	<b>18,741</b>	<b>28,089</b>	<b>123,036</b>
<b>Gambela</b>	<b>135,494</b>	<b>13,829</b>	<b>11,930</b>	<b>10,111</b>	<b>8,739</b>	<b>17,328</b>	<b>14,496</b>	<b>20,746</b>	<b>38,315</b>
Angewak	7,932	1,165	244	573	451	1,141	-	898	2,748
Newer	109,121	10,606	10,020	8,026	7,041	14,476	11,947	17,725	29,280
Mejenger	9,744	982	1,235	1,147	612	-	-	1,167	3,131
Itang Special	8,697	1,076	432	366	635	1,121	957	955	3,156
<b>Hareri</b>	<b>110,499</b>	<b>9,662</b>	<b>7,669</b>	<b>8,926</b>	<b>7,048</b>	<b>12,400</b>	<b>6,474</b>	<b>15,154</b>	<b>43,166</b>
<b>Dire Dawa</b>	<b>325,922</b>	<b>30,557</b>	<b>18,253</b>	<b>21,167</b>	<b>24,731</b>	<b>38,983</b>	<b>30,393</b>	<b>31,033</b>	<b>130,806</b>

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			
National	2,148,492	197,627	871,950	201,274	877,642	10,791,896	1,232,66	3,870,705	1,152,81	4,535,714			
Tigray	2,558	*	2,001	*	-	901,002	94,929	414,921	80,844	310,308			
North West Tigray	*	*	*	*	*	268,072	30,256	109,119	24,979	103,718			
Central Tigray	*	*	*	*	*	179,470	19,385	85,643	11,257	63,186			
Eastern Tigray	-	*	-	*	*	146,425	13,564	74,528	16,176	42,157			
Southern Tigray	-	*	-	*	*	70,266	8,743	17,816	9,807	33,901			
Western Tigray	-	*	-	*	-	72,760	5,277	40,816	5,434	21,233			
South Western Tigray	-	*	-	*	*	164,009	17,704	87,000	13,191	46,113			
Afar	-	*	-	*	*	308,835	33,670	106,819	40,421	127,926			
Zone_1 (Awsiresu)	*	*	*	*	*	125,497	15,071	35,608	20,477	54,340			
Zone_2 (Kelbetiresu)	*	*	*	*	*	59,030	3,765	36,550	3,786	14,929			
Zone_3 (Gebiresu)	*	*	*	*	*	61,033	7,408	15,570	8,455	29,601			
Zone_4 (Fentiresu)	-	*	-	*	*	24,433	2,379	7,602	2,172	12,280			
Zone_5 (Hariresu)	*	*	*	*	*	38,842	5,047	11,489	5,531	16,776			
Amhara	490,154	45,422	160,609	48,765	235,358	3,725,454	488,039	1,113,346	447,789	1,676,280			
North Gonder	35,480	-	13,296	4,624	14,976	187,465	30,333	51,627	26,562	78,943			
South Gonder	34,417	-	-	-	12,665	406,620	48,289	108,939	48,279	201,112			
North Wello	37,547	4,480	9,124	-	19,845	293,698	39,500	88,919	34,410	130,869			
South Wello	40,250	-	7,453	3,386	24,085	664,223	94,092	199,478	76,505	294,147			
North Shewa	120,966	15,537	31,017	16,446	57,966	574,419	64,362	207,523	64,149	238,386			
East Gojam	75,707	7,150	28,264	-	32,534	426,018	43,493	151,114	48,627	182,784			
West Gojam	29,554	-	-	-	-	443,573	67,626	94,261	66,324	215,363			
Waghimra	*	*	*	*	*	122,909	16,974	42,662	11,386	51,887			
awi	91,932	5,239	43,479	-	37,143	79,037	11,525	27,084	8,621	31,807			
Oromiya Special Zone	*	*	*	*	*	60,037	8,118	10,055	7,982	33,882			
Central Gonder	-	-	-	-	-	437,989	62,558	105,413	54,466	215,552			
West Gonder	*	*	*	*	*	29,465	1,170	26,269	-	-			
Oromiya	1,309,923	126,457	552,752	122,989	507,725	3,900,800	437,623	1,384,774	410,582	1,667,821			
West Wollega	-	*	*	*	-	190,279	29,833	26,021	22,238	112,187			
East Wollega	-	-	*	-	-	132,271	16,709	46,442	15,089	54,031			
Ilu Ababor	51,498	-	12,798	8,605	25,048	35,240	3,276	15,519	3,247	13,198			
Jimma	68,664	9,236	29,190	-	24,848	191,054	13,877	106,969	10,051	60,157			
West Shewa	263,558	31,259	97,735	30,118	104,446	265,736	36,365	50,363	43,853	135,155			
North Shewa	84,142	16,800	14,188	12,160	40,994	318,765	49,979	60,682	47,122	160,982			
East Shewa	13,114	*	12,418	*	-	292,307	32,943	118,486	23,454	117,423			
Arsi	253,950	16,765	104,940	19,667	112,578	601,475	56,228	216,018	57,674	271,556			
West Hararghe	-	*	*	*	-	281,157	31,342	96,164	35,767	117,885			
East Hararge	*	*	*	*	*	300,707	34,269	133,644	24,063	108,731			
Bale	62,197	-	41,752	-	13,995	136,014	12,686	67,753	8,274	47,301			
Borena	*	*	*	*	*	65,075	7,338	28,729	6,943	22,065			
South West Shewa	68,198	4,759	41,458	3,615	18,366	197,111	24,039	58,870	25,882	88,320			
Guji	124,487	8,738	54,541	11,470	49,739	90,614	7,792	38,272	7,669	36,881			
West Guji	30,146	-	16,799	-	8,979	39,903	6,214	20,174	-	12,211			
Oromiya Special Zone	34,311	4,922	14,680	2,938	11,771	194,274	26,667	56,849	24,446	86,312			
West Arsi	205,797	17,709	95,689	19,538	72,861	258,017	21,166	89,581	31,122	116,148			
Kelem Wollega	*	*	*	*	*	49,067	-	23,412	-	-			
Horo Guduru Wollega	28,372	-	12,064	2,393	9,953	124,369	13,080	58,147	8,770	44,373			
Buno Bedele	12,707	1,391	4,500	1,259	5,557	27,275	2,935	7,570	4,059	12,711			
East Bale	-	*	*	-	*	110,089	6,989	65,109	8,404	29,588			

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS										
	HORSES	HORSES				DONKEYS	DONKEYS				
		MALE		FEMALE			MALE		FEMALE		
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more	
<b>Somalie</b>	*	*	*	*	*	978,813	<b>101,242</b>	<b>453,185</b>	<b>85,570</b>	<b>338,815</b>	
Siti	*	*	*	*	*	19,026	2,186	8,405	1,488	6,948	
Fafan	*	*	*	*	*	68,965	8,673	33,634	4,356	22,302	
Jerer	*	*	*	*	*	52,394	3,917	33,681	1,554	13,241	
Erer	*	*	*	*	*	60,141	9,580	20,229	5,926	24,405	
Korahe	*	*	*	*	*	63,205	10,416	24,393	6,865	21,530	
Shebele	*	*	*	*	*	116,513	9,010	61,709	10,237	35,557	
Dollo	*	*	*	*	*	30,786	2,491	13,905	3,121	11,268	
Afder	*	*	*	*	*	182,522	17,793	78,381	19,072	67,275	
Liben	*	*	*	*	*	306,407	31,578	145,761	27,072	101,996	
Nogob	*	*	*	*	*	63,662	4,402	25,212	4,588	29,461	
Dawa	*	*	*	*	*	15,193	1,196	7,874	1,290	4,832	
<b>Benishangul Gumuz</b>	*	*	*	*	*	<b>47,763</b>	<b>4,111</b>	<b>28,967</b>	<b>2,564</b>	<b>12,120</b>	
Assosa	*	*	*	*	*	21,150	1,817	9,061	1,928	8,344	
Metekel	*	*	*	*	*	20,315	1,329	17,110	-	1,775	
Kemashi	*	*	*	*	*	4,362	-	2,236	-	-	
Mao Ena Komo	*	*	*	*	*	1,937	298	560	314	766	
<b>SNNP</b>	<b>310,310</b>	<b>22,572</b>	<b>139,433</b>	<b>25,629</b>	<b>122,677</b>	<b>814,761</b>	<b>64,708</b>	<b>297,298</b>	<b>77,738</b>	<b>375,016</b>	
Gurage	46,891	-	12,421	5,006	22,837	134,513	8,534	48,842	14,296	62,841	
Hadiya	28,925	-	-	-	14,832	184,731	13,216	65,294	14,099	92,122	
Kembata Tembaro	4,506	*	1,971	-	-	53,774	-	41,676	-	7,321	
Gedeo	23,002	-	10,909	-	9,291	3,575	*	3,575	*	*	
Welayta	*	*	*	*	*	54,449	7,707	34,914	-	9,752	
South Omo	8,393	-	3,938	-	2,702	43,616	6,417	11,073	7,841	18,285	
Sheka	20,007	-	15,471	-	2,812	-	*	-	*	*	
Kefa	69,766	5,851	43,170	4,387	16,359	6,647	-	-	-	-	
Gamo Gofa	49,657	-	26,109	-	16,694	53,491	4,815	16,111	-	23,987	
Bench Maji	11,922	-	2,921	1,194	6,473	2,296	-	1,913	*	-	
Yem Liyu	368	-	131	*	206	6,912	469	1,327	563	4,553	
Segen Peoples'	-	*	-	*	-	35,999	2,872	23,377	-	7,832	
Alaba Special	1,128	*	919	*	-	59,791	7,113	10,615	8,166	33,898	
Dawro	2,573	-	1,964	-	-	3,937	-	3,238	-	-	
Basketo Special	-	-	-	*	*	1,103	-	-	-	773	
Konta Liyu	1,571	-	-	-	-	857	*	787	-	*	
Silite	38,654	-	4,678	6,524	26,085	168,352	9,361	29,430	18,209	111,352	
<b>Sidama</b>	<b>34,709</b>	-	<b>16,376</b>	-	-	<b>65,282</b>	-	<b>52,342</b>	-	<b>7,998</b>	
<b>Gambela</b>	<b>636</b>	-	<b>577</b>	*	*	<b>647</b>	-	<b>521</b>	-	-	
Angewak	*	*	*	*	*	548	-	422	-	-	
Newer	*	*	*	*	*	*	*	*	*	*	
Mejenger	636	-	577	*	*	-	*	-	*	*	
Itang Special	*	*	*	*	*	*	*	*	*	*	
Hareri	*	*	*	*	*	16,547	1,829	8,792	1,172	4,754	
Dire Dawa	-	*	-	*	*	31,992	4,167	9,739	3,497	14,589	

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		< 4 Years	4 Years and Older
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older		
<b>National</b>	382,784	15,081	176,777	19,617	171,309	8,145,790	889,922	1,509,881	1,558,832	4,187,155	*	*
<b>Tigray</b>	<b>8,078</b>	*	<b>6,093</b>	*	<b>1,985</b>	<b>46,436</b>	-	<b>44,532</b>	*	-	*	*
North West Tigray	-	*	-	*	-	18,423	*	18,423	*	*	*	*
Central Tigray	-	*	-	*	-	11,345	-	10,499	*	*	*	*
Eastern Tigray	*	*	*	*	*	*	*	*	*	*	*	*
Southern Tigray	3,808	*	3,615	*	-	-	-	-	*	*	*	*
Western Tigray	-	*	-	*	-	6,603	*	6,603	*	*	*	*
South Western Tigray	-	*	-	*	-	-	-	-	*	*	*	*
<b>Afar</b>	-	*	-	*	*	1,258,971	142,906	195,271	227,617	693,176	*	*
Zone_1 (Awsiresu)	*	*	*	*	*	472,064	53,784	87,238	77,798	253,244	*	*
Zone_2 (Kelbetiresu)	*	*	*	*	*	123,434	15,460	21,853	20,302	65,820	*	*
Zone_3 (Gebiresu)	-	*	-	*	*	432,458	46,802	56,145	80,864	248,647	*	*
Zone_4 (Fentiresu)	*	*	*	*	*	66,140	7,562	9,523	11,845	37,209	*	*
Zone_5 (Hariresu)	*	*	*	*	*	164,875	19,298	20,512	36,808	88,256	*	*
<b>Amhara</b>	<b>199,847</b>	<b>11,321</b>	<b>86,380</b>	<b>10,337</b>	<b>91,809</b>	<b>44,774</b>	<b>5,853</b>	<b>38,773</b>	*	-	*	*
North Gonder	8,556	-	-	-	4,837	*	*	*	*	*	*	*
South Gonder	24,723	*	-	-	14,077	*	*	*	*	*	*	*
North Wello	16,326	-	3,541	2,105	10,340	14,847	-	14,224	*	*	*	*
South Wello	30,134	-	15,399	-	12,570	-	*	-	*	*	*	*
North Shewa	8,743	*	-	-	3,603	16,614	-	12,640	*	*	*	*
East Gojjam	26,828	-	18,292	*	6,404	*	*	*	*	*	*	*
West Gojjam	52,568	-	17,033	4,137	27,975	*	*	*	*	*	*	*
Waghimra	2,645	*	1,017	*	-	*	*	*	*	*	*	*
Awi	20,517	-	12,394	-	4,166	*	*	*	*	*	*	*
Oromiya Special Zone	*	*	*	*	*	10,232	-	8,827	*	-	*	*
Central Gonder	8,619	*	-	-	6,078	*	*	*	*	*	*	*
West Gonder	-	*	-	*	-	-	*	-	*	*	*	*
<b>Oromiya</b>	<b>120,161</b>	-	<b>54,111</b>	<b>6,799</b>	<b>56,933</b>	<b>292,908</b>	<b>45,453</b>	<b>57,132</b>	<b>48,489</b>	<b>141,835</b>	*	*
West Wollega	-	*	-	*	*	*	*	*	*	*	*	*
East Wollega	4,528	*	2,382	*	2,147	*	*	*	*	*	*	*
Ilu Ababor	4,919	*	-	-	1,799	*	*	*	*	*	*	*
Jimma	21,395	*	5,237	-	14,254	*	*	*	*	*	*	*
West Shewa	11,210	-	4,266	-	4,627	*	*	*	*	*	*	*
North Shewa	-	-	*	-	-	*	*	*	*	*	*	*
East Shewa	4,762	*	4,378	*	-	-	-	-	-	-	*	*
Arsi	38,872	*	12,699	-	-	-	*	-	*	-	*	*
West Hararghe	*	*	*	*	*	*	-	-	-	6,141	16,436	*
East Hararge	*	*	*	*	*	-	-	-	-	-	-	*
Bale	5,062	*	2,934	-	-	26,264	8,489	-	-	-	-	*
Borena	-	*	-	*	*	88,174	9,189	20,392	15,674	42,919	*	*
South West Shewa	4,029	*	2,480	*	1,549	*	*	*	*	*	*	*
Guji	-	-	2,670	-	-	-	-	-	-	-	-	*
Oromiya Special Zone	-	*	-	*	-	*	*	*	*	*	*	*
West Arsi	-	*	-	*	-	*	*	*	*	*	*	*
Kelem Wollega	-	*	-	*	*	*	*	*	*	*	*	*
Horo Guduru Wollega	2,903	-	1,676	*	-	*	*	*	*	*	*	*
Buno Bedele	1,393	*	550	*	842	*	*	*	*	*	*	*
East Bale	3,647	*	-	*	-	101,688	12,759	26,363	15,171	47,395	*	*

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
Somalie	553	-	-	-	-	6,489,702	691,515	1,170,065	1,281,372	3,346,750
Siti	*	*	*	*	*	12,331	2,305	2,322	-	6,006
Fafan	*	*	*	*	*	126,911	15,665	26,657	20,404	64,184
Jerer	*	*	*	*	*	1,087,831	100,313	254,450	200,589	532,479
Erer	-	-	*	-	-	725,144	109,627	127,358	165,990	322,170
Korahe	-	*	-	*	*	427,605	39,147	56,902	87,358	244,198
Shebele	*	*	*	*	*	-	59,879	94,607	-	-
Dollo	*	*	*	*	*	341,831	31,395	59,424	71,194	179,817
Afder	-	*	-	*	*	654,656	74,872	102,769	126,153	350,862
Liben	*	*	*	*	*	260,647	32,102	41,696	49,932	136,917
Nogob	*	*	*	*	*	1,901,295	200,143	369,532	385,121	946,500
Dawa	-	*	-	*	-	216,681	26,067	34,348	42,086	114,180
<b>Benishangul Gumuz</b>	<b>3,457</b>	*	<b>1,938</b>	-	<b>1,240</b>	*	*	*	*	*
Assosa	*	*	*	*	*	*	*	*	*	*
Metekel	3,421	*	1,920	-	1,222	*	*	*	*	*
Kemashi	*	*	*	*	*	*	*	*	*	*
Mao Ena Komo	-	*	-	*	-	*	*	*	*	*
<b>SNNP</b>	<b>45,489</b>	<b>1,293</b>	<b>23,485</b>	<b>2,117</b>	<b>18,594</b>	*	*	*	*	*
Gurage	3,942	*	-	-	1,808	*	*	*	*	*
Hadiya	3,245	*	1,707	*	-	*	*	*	*	*
Kembata Tembaro	*	*	*	*	*	*	*	*	*	*
Gedeo	3,160	*	2,337	-	-	*	*	*	*	*
Welayta	-	*	-	*	*	*	*	*	*	*
South Omo	2,046	*	1,294	*	752	*	*	*	*	*
Sheka	-	*	-	*	-	*	*	*	*	*
Kefa	9,178	-	4,066	*	4,145	*	*	*	*	*
Gamo Gofa	8,632	*	-	-	5,215	*	*	*	*	*
Bench Maji	-	-	-	-	-	*	*	*	*	*
Yem Liyu	-	*	-	*	-	*	*	*	*	*
Segen Peoples'	-	*	-	*	-	*	*	*	*	*
Alaba Special	*	*	*	*	*	*	*	*	*	*
Dawro	2,692	-	1,209	*	1,373	*	*	*	*	*
Basketo Special	432	*	-	*	338	*	*	*	*	*
Konta Liyu	-	*	-	-	-	*	*	*	*	*
Silite	2,480	*	2,130	*	-	*	*	*	*	*
<b>Sidama</b>	-	*	-	*	*	*	*	*	*	*
<b>Gambela</b>	-	-	-	*	-	*	*	*	*	*
Angewak	-	*	-	*	-	*	*	*	*	*
Newer	*	*	*	*	*	*	*	*	*	*
Mejenger	-	-	-	*	-	*	*	*	*	*
Itang Special	*	*	*	*	*	*	*	*	*	*
<b>Hareri</b>	*	*	*	*	*	-	-	-	-	-
<b>Dire Dawa</b>	*	*	*	*	*	11,190	1,926	3,728	1,259	4,277

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
National	42,445,683	15,409,583	680,262	1,801,64	392,544	7,556,402	243,436	178,174	15,559,113	42,445,683
Tigray	3,090,846	1,487,037	3,606	46,400	15,025	171,260	15,158	-	1,333,678	3,090,846
North West Tigray	1,259,024	569,511	*	25,249	9,755	75,687	-	*	570,316	1,259,024
Central Tigray	482,803	282,167	-	3,583	-	15,728	-	*	170,049	482,803
Eastern Tigray	300,146	149,966	-	5,121	-	21,248	-	*	118,807	300,146
Southern Tigray	257,447	132,408	-	2,427	-	2,511	2,295	-	115,155	257,447
Western Tigray	452,730	149,026	-	9,218	*	37,415	-	-	254,778	452,730
South Western Tigray	338,696	203,959	-	-	-	18,671	-	*	104,573	338,696
Afar	1,102,618	20,240	-	127,152	-	97,996	*	-	856,733	1,102,618
Zone_1 (Awsiresu)	530,156	-	*	66,870	*	67,163	*	-	389,274	530,156
Zone_2 (Kelbetiresu)	36,788	-	*	5,260	*	-	*	*	26,567	36,788
Zone_3 (Gebiresu)	338,094	-	*	37,294	*	-	*	*	276,429	338,094
Zone_4 (Fentiresu)	57,590	*	-	5,439	-	5,034	*	*	46,965	57,590
Zone_5 (Hariresu)	139,990	20,240	-	127,152	-	97,996	-	-	856,733	139,990
Amhara	11,117,000	5,421,246	88,690	117,183	134,471	475,381	199,456	33,459	4,519,008	11,117,000
North Gonder	512,993	260,475	-	-	-	-	-	*	220,769	512,993
South Gonder	1,287,743	632,266	2,289	-	14,261	33,335	32,371	-	556,237	1,287,743
North Wello	584,156	304,625	-	-	-	14,761	16,753	-	239,259	584,156
South Wello	1,284,204	732,313	*	-	-	51,364	-	*	447,677	1,284,204
North Shewa	1,156,021	690,871	11,938	-	14,555	65,237	-	-	326,643	1,156,021
East Gojjam	1,436,513	712,613	20,562	11,939	11,869	31,334	44,433	10,140	587,644	1,436,513
West Gojjam	1,878,097	835,331	30,918	25,662	15,572	83,549	31,063	2,514	839,487	1,878,097
Waghimra	248,581	128,963	-	-	-	6,849	3,477	-	102,614	248,581
awi	733,817	284,625	7,269	14,433	17,258	42,899	20,186	2,143	317,988	733,817
Oromiya Special Zone	203,275	91,859	-	-	*	11,339	*	*	97,622	203,275
Central Gonder	1,595,038	687,214	-	-	38,756	101,713	4,577	10,719	676,013	1,595,038
West Gonder	196,562	60,091	-	3,830	-	19,621	*	-	107,054	196,562
Oromiya	15,678,024	6,455,161	303,663	310,740	120,990	2,734,395	13,240	28,559	5,542,663	15,678,024
West Wollega	842,562	310,303	19,307	-	-	*	*	*	505,387	842,562
East Wollega	687,164	270,066	12,416	9,441	-	-	-	-	360,165	687,164
Ilu Ababor	540,785	184,097	8,559	-	4,089	138,690	-	*	195,237	540,785
Jimma	1,660,403	772,444	17,622	-	-	299,030	*	-	524,546	1,660,403
West Shewa	1,451,044	678,447	29,317	13,226	17,713	123,682	-	5,338	557,103	1,451,044
North Shewa	896,738	485,772	13,177	-	4,809	116,149	-	-	248,883	896,738
East Shewa	687,299	371,216	-	-	3,253	78,957	*	*	216,385	687,299
Arsi	1,777,072	909,283	-	-	-	453,249	-	*	369,106	1,777,072
West Hararghe	664,716	190,602	72,416	15,612	-	117,576	*	-	261,695	664,716
East Hararge	625,014	89,415	49,448	17,802	-	50,570	*	-	413,108	625,014
Bale	619,658	258,203	-	8,927	9,392	185,906	*	*	138,577	619,658
Borena	261,182	33,378	5,367	28,759	14,845	110,769	*	-	61,668	261,182
South West Shewa	752,538	378,242	7,406	-	-	107,919	*	-	236,715	752,538
Guji	811,664	234,861	18,722	51,292	-	204,282	-	-	298,359	811,664
Oromiya Special Zone	280,564	39,408	-	-	-	62,294	-	-	123,959	280,564
West Arsi	616,508	280,120	11,264	-	-	99,827	*	-	202,303	616,508
Kelem Wollega	1,085,716	366,707	-	18,989	15,155	391,484	-	-	259,967	1,085,716
Horo Guduru Wollega	367,038	168,721	-	*	*	-	-	*	181,906	367,038
Buno Bedele	479,234	201,552	4,620	21,286	*	-	*	1,869	232,527	479,234
East Bale	271,383	110,610	2,508	-	1,607	38,265	*	-	110,010	271,383

TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
<b>Somalie</b>	<b>2,892,835</b>	<b>15,936</b>	<b>172,738</b>	<b>440,355</b>	<b>14,016</b>	<b>675,676</b>	-	<b>96,255</b>	<b>1,446,512</b>	<b>2,892,835</b>
Siti	27,648	-	1,920	1,308	*	12,448	-	*	10,588	27,648
Fafan	361,456	8,004	28,679	34,748	5,461	46,602	-	1,907	222,315	361,456
Jerer	240,363	*	-	57,123	-	12,048	*	-	168,357	240,363
Erer	266,553	*	27,308	44,804	*	42,750	*	*	151,691	266,553
Korahe	277,492	-	10,257	21,147	-	107,422	*	3,427	130,155	277,492
Shebele	290,244	1,602	16,251	41,480	2,425	18,053	-	1,813	202,242	290,244
Dollo	481,373	*	70,633	49,444	-	154,303	*	84,632	120,334	481,373
Afder	338,390	-	-	64,797	1,305	154,552	*	-	113,186	338,390
Liben	209,773	-	3,043	40,590	2,227	92,297	*	*	65,275	209,773
Nogob	314,154	*	8,667	71,130	-	-	*	1,105	232,498	314,154
Dawa	85,391	-	-	13,784	1,469	34,562	*	-	29,873	85,391
<b>Benishangul Gumuz</b>	<b>351,848</b>	<b>121,911</b>	-	<b>12,668</b>	-	<b>43,797</b>	<b>11,506</b>	-	<b>151,203</b>	<b>351,848</b>
Assosa	41,765	11,360	*	895	-	4,793	3,132	*	21,073	41,765
Metekel	283,255	102,944	-	-	*	-	8,345	-	117,207	283,255
Kemashi	21,078	5,457	*	1,558	*	-	*	*	10,629	21,078
Mao Ena Komo	5,750	2,150	-	-	-	806	-	*	2,295	5,750
<b>SNNP</b>	<b>6,631,025</b>	<b>1,826,606</b>	<b>66,255</b>	-	<b>96,580</b>	<b>2,564,905</b>	-	<b>6,470</b>	<b>1,172,677</b>	<b>6,631,025</b>
Gurage	617,443	133,937	2,980	5,692	10,494	386,051	*	-	31,471	617,443
Hadiya	668,544	252,880	*	12,530	18,117	328,017	*	-	23,688	668,544
Kembata Tembaro	255,952	68,859	-	-	8,112	139,414	*	*	-	255,952
Gedeo	77,972	-	17,199	10,142	-	13,074	*	-	30,535	77,972
Welayta	544,498	170,879	-	-	20,917	275,917	*	*	9,153	544,498
South Omo	1,491,703	87,214	4,461	-	1,515	184,085	-	-	-	1,491,703
Sheka	162,576	56,758	-	-	*	58,405	*	-	41,221	162,576
Kefa	595,114	226,027	11,528	-	-	197,950	*	-	152,812	595,114
Gamo Gofa	831,465	266,813	9,162	14,561	12,893	467,951	*	-	34,458	831,465
Bench Maji	238,542	95,877	-	5,834	*	81,824	-	*	53,181	238,542
Yem Special	62,634	28,011	-	-	653	-	-	-	22,467	62,634
Segen Peoples'	272,782	111,573	10,170	20,972	5,648	45,418	-	*	71,740	272,782
Alaba Special	128,494	55,004	*	1,448	2,529	50,845	*	*	14,048	128,494
Dawro	178,841	59,835	-	-	4,359	86,526	*	-	7,951	178,841
Basketo Special	29,462	9,730	345	1,068	420	13,115	-	-	3,104	29,462
Konta Special	63,890	28,781	-	-	1,315	29,528	*	*	-	63,890
Silite	411,113	171,794	-	1,337	5,898	198,404	*	*	17,765	411,113
<b>Sidama</b>	<b>1,355,547</b>	<b>48,840</b>	<b>23,829</b>	<b>81,536</b>	-	<b>752,427</b>	*	-	<b>405,503</b>	<b>1,355,547</b>
<b>Gambela</b>	<b>136,036</b>	<b>2,500</b>	<b>8,148</b>	<b>19,595</b>	-	<b>29,237</b>	*	-	<b>75,143</b>	<b>136,036</b>
Angewak	4,152	1,360	-	-	-	1,446	*	*	1,159	4,152
Newer	111,939	-	8,124	17,366	-	21,220	*	-	63,734	111,939
Mejenger	10,686	1,022	*	692	*	5,421	*	*	3,550	10,686
Itang Special	9,260	*	*	1,389	-	1,150	*	*	6,700	9,260
Hareri	47,144	3,901	5,938	2,281	*	5,886	-	*	<b>28,745</b>	<b>47,144</b>
<b>Dire Dawa</b>	<b>42,759</b>	<b>6,205</b>	<b>1,503</b>	<b>2,124</b>	-	<b>5,442</b>	*	*	<b>27,247</b>	<b>42,759</b>

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
<b>National</b>	<b>21,902,914</b>	<b>904,489</b>	-	<b>2,658,646</b>	<b>151,737</b>	-	-	-
<b>Tigray</b>	<b>1,102,009</b>	<b>6,863</b>	*	<b>115,167</b>	<b>10,769</b>	-	-	-
North West Tigray	220,429	*	*	23,376	-	*	*	-
Central Tigray	300,513	-	*	39,730	-	-	*	-
Eastern Tigray	309,996	-	*	15,080	-	*	*	-
Southern Tigray	98,348	-	*	10,638	-	-	*	*
Western Tigray	54,360	*	*	1,690	-	*	-	*
South Western Tigray	118,363	-	*	24,653	-	-	*	-
<b>Afar</b>	<b>2,513,617</b>	<b>11,220</b>	*	<b>325,676</b>	*	-	*	-
Zone_1 (Awsiresu)	1,314,555	10,572	*	175,330	*	-	*	-
Zone_2 (Kelbetiresu)	237,558	-	*	33,156	*	*	*	-
Zone_3 (Gebiresu)	540,316	-	*	71,435	*	*	*	-
Zone_4 (Fentiresu)	196,993	-	*	22,994	*	*	*	*
Zone_5 (Hariresu)	224,195	648		22,761				
<b>Amhara</b>	<b>5,543,766</b>	<b>218,626</b>	-	<b>311,303</b>	<b>73,496</b>	-	-	-
North Gonder	269,262	6,013	*	12,475	-	-	*	-
South Gonder	607,841	15,431	*	19,838	6,311	-	*	-
North Wello	513,883	46,959	*	17,979	*	-	*	-
South Wello	804,708	16,197	*	84,166	-	-	*	-
North Shewa	1,074,301	90,200	-	99,313	-	-	-	-
East Gojjam	626,385	14,049	*	20,213	-	-	*	-
West Gojjam	818,486	14,641	*	20,127	-	-	*	-
Waghimra	106,153	-	*	15,408	*	-	*	*
Awj	276,352	-	*	-	-	-	*	-
Oromiya Special Zone	16,882	-	*	3,091	*	*	*	-
Central Gonder	417,483	-	*	12,220	-	-	*	-
West Gonder	12,030	-	*	-	-	-	*	-
<b>Oromiya</b>	<b>4,611,160</b>	<b>263,521</b>	-	<b>343,408</b>	<b>40,334</b>	-	-	-
West Wollega	174,963	-	*	-	*	*	*	-
East Wollega	121,108	-	*	-	-	-	*	-
Ilu Ababor	147,061	5,581	*	5,601	-	-	*	-
Jimma	389,269	-	*	10,373	-	-	*	-
West Shewa	562,508	-	*	12,744	-	-	*	-
North Shewa	453,998	-	*	-	-	-	-	-
East Shewa	204,710	-	*	16,316	-	*	-	-
Arsi	641,508	74,356	*	75,142	-	*	-	-
West Hararghe	70,850	-	*	4,039	*	-	*	-
East Hararge	162,366	13,422	*	-	-	-	*	-
Bale	76,574	-	*	7,926	*	-	*	-
Borena	164,825	5,133	*	35,612	6,225	-	*	-
South West Shewa	105,584	-	*	-	*	*	*	-
Guji	299,155	3,934	-	52,318	-	-	-	-
Oromiya Special Zone	108,378	-	*	16,034	*	-	*	-
West Arsi	231,322	-	*	10,202	*	-	*	-
Kelem Wollega	367,551	-	*	28,486	-	-	*	-
Horo Guduru Wollega	133,770	-	*	-	*	*	*	-
Buno Bedele	86,176	-	*	6,201	-	*	*	-
East Bale	52,228	-	*	-	-	-	*	-

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
<b>Somalie</b>	<b>5,413,741</b>	<b>308,812</b>	-	<b>1,136,770</b>	<b>12,040</b>	-	-	-
Siti	59,751	5,709	*	4,509	*	-	*	-
Fafan	501,356	51,155	*	50,224	2,595	-	-	-
Jerer	1,214,233	20,204	*	355,455	-	-	*	-
Erer	387,000	31,216	*	74,995	*	-	*	-
Korahe	329,010	26,790	-	27,258	3,107	-	-	-
Shebele	401,243	21,672	*	77,931	1,730	-	-	-
Dollo	467,783	86,865	*	29,469	*	-	*	-
Afder	804,353	5,233	*	197,782	2,941	-	-	-
Liben	263,422	-	*	67,295	-	-	*	-
Nogob	901,298	53,780	*	225,520	*	-	*	-
Dawa	84,291	1,147	*	-	-	-	-	-
<b>Benishangul Gumuz</b>	<b>23,196</b>	-	*	<b>1,621</b>	*	-	*	-
Assosa	3,369	-	*	-	*	*	*	-
Metekel	10,350	-	*	*	*	-	*	-
Kemashi	6,729	-	*	-	*	-	*	-
Mao Ena Komo	2,748	*	*	405	*	-	*	-
<b>SNNP</b>	<b>2,385,796</b>	<b>78,984</b>	-	<b>402,057</b>	<b>14,885</b>	-	-	-
Gurage	179,817	-	*	10,968	-	-	*	-
Hadiya	80,810	-	*	4,676	-	*	*	-
Kembata Tembaro	27,299	-	*	1,729	-	*	-	-
Gedeo	149,764	9,288	*	15,952	-	-	*	-
Welayta	80,821	5,354	*	6,197	5,216	*	*	-
South Omo	768,222	4,949	-	287,777	-	-	-	-
Sheka	63,920	-	*	-	*	*	*	-
Kefa	240,266	17,124	*	3,306	*	-	*	-
Gamo Gofa	291,898	5,384	*	22,516	*	-	*	-
Bench Maji	98,725	-	*	6,656	-	-	*	-
Yem Special	8,912	-	*	-	-	*	*	-
Segen Peoples'	141,970	19,379	*	23,121	-	-	*	-
Alaba Special	34,216	-	*	1,905	*	*	*	-
Dawro	30,708	1,335	*	4,083	-	-	*	-
Basketo Special	9,351	-	*	767	-	*	*	-
Konta Special	9,115	-	*	2,462	*	*	*	-
Silite	169,983	-	*	8,697	-	-	*	-
<b>Sidama</b>	<b>264,767</b>	-	*	<b>18,814</b>	*	-	*	-
<b>Gambela</b>	<b>11,826</b>	-	-	<b>2,539</b>	-	-	*	-
Angewak	-	*	*	*	*	*	*	-
Newer	6,845	-	-	1,684	-	-	*	-
Mejenger	4,600	-	*	-	-	*	*	-
Itang Special	365	*	*	-	*	*	*	-
<b>Hareri</b>	<b>2,916</b>	-	*	<b>405</b>	*	*	*	-
<b>Dire Dawa</b>	<b>30,121</b>	<b>1,471</b>	*	-	-	*	*	-

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
National	<b>25,985,483</b>	<b>1,142,542</b>	<b>4,057,649</b>	<b>264,972</b>	<b>149,782</b>	<b>2,852,266</b>	<b>17,323,976</b>	<b>194,297</b>
Tigray	<b>2,351,049</b>	<b>33,187</b>	<b>277,363</b>	<b>57,332</b>		<b>30,616</b>	<b>1,941,096</b>	<b>7,833</b>
North West Tigray	1,145,059	-	113,232	-	-	-	970,471	-
Central Tigray	596,010	7,824	93,345	-	*	-	477,615	-
Eastern Tigray	93,874	-	12,935	-	*	-	75,052	*
Southern Tigray	79,485	1,985	6,849	-	*	*	69,694	-
Western Tigray	259,444	5,078	30,180	-	-	-	215,358	-
South Western Tigray	177,177	-	20,822	-	*	-	132,906	-
Afar	<b>4,874,216</b>	<b>32,290</b>	<b>614,789</b>	-	<b>11,018</b>	<b>487,305</b>	<b>3,727,624</b>	-
Zone_1 (Awsiresu)	2,266,838	30,748	260,071	-	-	326,237	1,638,474	*
Zone_2 (Kelbetiresu)	758,121	-	118,149	*	-	67,273	571,879	*
Zone_3 (Gebiresu)	930,459	-	139,689	*	*	13,652	776,310	*
Zone_4 (Fentiresu)	338,738	-	37,483	*	*	26,972	273,517	-
Zone_5 (Hariresu)	*	*	*	*	*	*	*	*
Amhara	<b>3,398,764</b>	<b>303,349</b>	<b>302,004</b>	<b>91,075</b>	<b>5,791</b>	-	<b>2,630,043</b>	<b>58,264</b>
North Gonder	291,358	9,605	18,439	-	*	*	261,799	*
South Gonder	430,439	47,220	28,048	8,768	*	*	346,402	*
North Wello	292,667	20,953	21,402	-	-	-	242,519	-
South Wello	638,889	63,372	54,820	13,981	*	*	496,297	10,420
North Shewa	450,585	91,690	69,383	-	-	-	252,063	-
East Gojjam	119,318	-	6,350	*	*	*	102,210	*
West Gojjam	110,093	-	-	*	*	*	105,242	*
Waghimra	290,641	7,861	49,228	-	-	-	225,155	-
Awi	51,970	-	-	-	-	-	34,291	*
Oromiya Special Zone	108,290	7,013	13,370	*	-	*	87,732	*
Central Gonder	529,403	29,670	26,718	-	-	*	404,499	-
West Gonder	85,111	-	9,133	-	-	*	71,833	-
Oromiya	<b>3,873,164</b>	<b>275,411</b>	<b>385,608</b>	<b>67,670</b>	<b>20,102</b>	<b>461,823</b>	<b>2,612,439</b>	-
West Wollega	27,330	*	*	*	*	*	27,330	*
East Wollega	67,203	-	-	*	*	*	60,987	*
Ilu Ababor	57,872	-	2,909	*	*	-	50,576	-
Jimma	276,519	17,231	-	-	-	*	204,930	-
West Shewa	107,752	-	-	-	*	*	104,566	*
North Shewa	51,943	4,251	-	-	-	*	43,975	-
East Shewa	173,432	-	18,296	-	*	-	132,080	-
Arsi	562,448	-	102,249	-	*	-	329,158	-
West Hararghe	541,952	71,136	46,111	-	-	64,638	352,232	-
East Hararge	566,369	91,525	23,142	-	-	16,883	432,225	*
Bale	187,343	-	11,221	*	-	57,634	114,944	*
Borena	255,140	4,860	49,711	10,645	2,734	76,038	107,098	-
South West Shewa	109,317	8,426	-	-	*	*	94,235	*
Guji	173,390	-	28,143	-	-	-	142,376	*
Oromiya Special Zone	85,692	-	-	-	*	-	62,375	-
West Arsi	30,551	-	1,395	-	-	*	25,445	*
Kelem Wollega	95,920	-	2,120	*	*	11,261	76,005	-
Horo Guduru Wollega	50,907	*	-	*	*	*	43,188	*
Buno Bedele	65,357	-	-	-	-	*	54,981	-
East Bale	40,875	-	-	*	*	*	38,296	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
<b>Somalie</b>	<b>8,069,273</b>	<b>386,356</b>	<b>1,622,619</b>	<b>25,679</b>	<b>100,746</b>	<b>1,581,494</b>	<b>4,312,189</b>	<b>40,189</b>
Siti	182,942	15,736	12,252	*	4,763	49,010	101,181	*
Fafan	428,178	28,797	63,750	7,259	3,327	51,973	263,183	9,888
Jerer	1,850,405	27,977	526,589	-	5,100	-	1,287,323	-
Erer	523,128	64,728	77,020	*	-	117,114	263,762	*
Korahe	316,320	26,493	33,719	2,553	26,135	102,434	120,621	4,366
Shebele	599,578	75,700	91,384	-	17,946	46,728	366,623	*
Dollo	383,674	58,443	42,575	-	31,216	91,275	157,941	-
Afder	2,030,210	21,456	377,299	-	6,099	726,619	865,954	20,357
Liben	462,355	6,340	84,908	-	3,872	209,161	155,461	-
Nogob	1,062,462	56,439	269,286	-	1,683	113,937	621,097	*
Dawa	230,021	4,247	43,836	634	-	71,677	109,043	-
<b>Benishangul Gumuz</b>	<b>181,277</b>	<b>8,370</b>	<b>23,583</b>	-	-	-	<b>141,077</b>	-
Assosa	70,708	1,584	7,206	*	-	-	58,594	-
Metekel	54,523	-	-	-	-	-	36,119	-
Kemashi	52,582	-	6,665	*	-	-	43,475	-
Mao Ena Komo	3,464	-	-	*	-	-	2,889	-
<b>SNNP</b>	<b>2,833,524</b>	<b>89,172</b>	<b>782,554</b>	<b>16,869</b>	<b>5,172</b>	<b>245,637</b>	<b>1,658,579</b>	<b>35,542</b>
Gurage	63,613	-	6,383	-	*	-	52,934	-
Hadiya	95,095	-	10,774	*	-	3,410	76,987	-
Kembata Tembaro	33,263	-	1,958	-	*	*	23,686	-
Gedeo	4,932	-	*	*	*	*	4,357	*
Welayta	91,473	-	-	-	-	-	62,931	11,098
South Omo	1,646,205	-	666,555	-	134,783	-	823,865	-
Sheka	4,985	-	*	*	-	-	3,826	-
Kefa	99,357	-	-	*	-	-	91,944	*
Gamo Gofa	224,720	-	17,504	-	*	-	120,019	-
Bench Maji	50,875	-	-	-	-	-	38,188	-
Yem Special	19,414	-	-	-	*	*	18,356	-
Segen Peoples'	276,484	32,180	46,101	-	-	-	185,617	-
Alaba Special	59,653	-	5,614	-	8,831	-	39,702	-
Dawro	24,428	1,634	4,398	-	1,329	-	15,068	-
Basketo Special	5,727	-	-	*	*	*	4,973	*
Konta Special	10,370	-	1,791	-	*	-	6,556	-
Silite	122,931	3,839	7,191	2,574	*	17,220	89,571	-
<b>Sidama</b>	<b>151,411</b>	-	<b>22,199</b>	-	*	-	<b>100,219</b>	*
<b>Gambela</b>	<b>47,054</b>	<b>782</b>	<b>7,916</b>	-	*	-	<b>34,868</b>	*
Angewak	3,199	-	365	*	*	-	2,587	*
Newer	36,321	450	6,591	*	*	-	26,061	*
Mejenger	3,742	-	-	-	*	*	3,131	*
Itang Special	3,791	-	567	*	*	-	3,090	*
Hareri	50,214	3,659	3,219	-	562	2,438	40,064	-
Dire Dawa	155,537	7,874	-	-	*	4,893	125,779	-

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

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>National</b>	<b>1,749,591</b>	<b>735,706</b>	<b>121,447</b>	<b>14,797</b>	<b>647,306</b>	<b>150,211</b>	<b>80,125</b>
<b>Tigray</b>	<b>2,558</b>	<b>2,001</b>	*	*	-	*	*
North West Tigray	*	*	*	*	*	*	*
Central Tigray	*	*	*	*	*	*	*
Eastern Tigray	-	-	*	*	*	*	*
Southern Tigray	-	-	*	*	*	*	*
Western Tigray	-	-	*	*	-	*	*
South Western Tigray	-	-	*	*	*	*	*
<b>Afar</b>	-	-	*	*	*	*	*
Zone_1 (Awsiresu)	*	*	*	*	*	*	*
Zone_2 (Kelbetiresu)	*	*	*	*	*	*	*
Zone_3 (Gebiresu)	*	*	*	*	*	*	*
Zone_4 (Fentiresu)	-	-	*	*	*	*	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
<b>Amhara</b>	<b>395,967</b>	<b>51,869</b>	<b>102,776</b>	-	<b>83,369</b>	<b>119,649</b>	<b>32,339</b>
North Gonder	28,272	3,262	10,034	*	3,951	-	-
South Gonder	30,986	-	-	*	3,909	-	-
North Wello	28,970	-	-	*	3,273	16,573	*
South Wello	31,538	6,540	*	-	9,166	-	-
North Shewa	88,983	11,665	-	*	47,815	10,150	*
East Gojjam	60,798	14,469	10,276	-	9,056	18,549	4,929
West Gojjam	28,468	-	-	-	-	-	-
Waghimra	*	*	*	*	*	*	*
Awi	80,622	4,678	38,148	-	-	33,776	-
Oromiya Special Zone	*	*	*	*	*	*	*
Central Gonder	-	2,847	-	*	-	-	-
West Gonder	*	*	*	*	*	*	*
<b>Oromiya</b>	<b>1,060,477</b>	<b>541,285</b>	<b>5,491</b>	<b>5,976</b>	<b>460,086</b>	<b>21,778</b>	<b>25,861</b>
West Wollega	-	*	*	*	-	*	*
East Wollega	-	*	*	*	-	*	-
Ilu Ababor	37,845	12,340	-	*	25,048	*	*
Jimma	54,038	27,799	*	-	16,551	-	-
West Shewa	202,181	94,197	-	-	85,046	-	7,821
North Shewa	55,182	13,710	-	*	34,612	-	-
East Shewa	13,114	12,418	*	*	-	*	*
Arsi	217,518	104,940	*	*	112,578	*	*
West Hararghe	-	*	*	*	-	*	*
East Hararge	*	*	*	*	*	*	*
Bale	55,747	40,760	*	-	11,273	-	-
Borena	*	*	*	*	*	*	*
South West Shewa	59,824	38,446	-	-	18,366	*	*
Guji	104,279	54,541	*	*	49,739	*	*
Oromiya Special Zone	25,778	16,388	*	-	8,440	*	-
West Arsi	26,451	14,334	*	-	10,774	-	*
Kelem Wollega	168,550	95,160	-	*	66,360	-	-
Horo Guduru Wollega	*	*	*	*	*	*	*
Buno Bedele	22,017	11,893	*	-	9,782	*	-
East Bale	10,058	4,361	-	*	3,960	-	-

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somalie</b>	*	*	*	*	*	*	*
Siti	*	*	*	*	*	*	*
Fafan	*	*	*	*	*	*	*
Jerer	*	*	*	*	*	*	*
Erer	*	*	*	*	*	*	*
Korahe	*	*	*	*	*	*	*
Shebele	*	*	*	*	*	*	*
Dollo	*	*	*	*	*	*	*
Afder	*	*	*	*	*	*	*
Liben	*	*	*	*	*	*	*
Nogob	*	*	*	*	*	*	*
Dawa	*	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	*	*	*	*	*	*	*
Assosa	*	*	*	*	*	*	*
Metekel	*	*	*	*	*	*	*
Kemashi	*	*	*	*	*	*	*
Mao Ena Komo	*	*	*	*	*	*	*
<b>SNNP</b>	<b>262,109</b>	<b>123,396</b>	-	<b>2,856</b>	<b>93,007</b>	<b>8,783</b>	<b>20,886</b>
Gurage	35,258	11,990	*	-	18,367	*	4,470
Hadiya	26,836	-	*	-	9,224	-	5,180
Kembata Tembaro	4,280	1,971	*	*	-	-	-
Gedeo	20,200	10,619	*	-	6,669	*	-
Welayta	*	*	*	*	*	*	*
South Omo	6,641	3,058	-	*	-	-	*
Sheka	18,283	14,665	*	-	-	-	2,174
Kefa	59,529	43,170	*	*	15,765	*	-
Gamo Gofa	42,803	13,258	-	-	10,446	-	-
Bench Maji	9,393	2,921	*	*	6,473	*	*
Yem Special	338	131	*	*	-	-	*
Segen Peoples'	-	-	*	*	-	*	*
Alaba Special	1,128	919	*	*	-	*	*
Dawro	2,335	1,964	*	*	-	*	-
Basketo Special	-	-	-	*	*	*	*
Konta Special	-	-	*	*	-	*	*
Selite	30,763	4,362	*	-	21,247	-	4,208
<b>Sidama</b>	<b>27,701</b>	<b>16,376</b>	*	*	-	*	-
<b>Gambela</b>	<b>577</b>	<b>577</b>	*	*	*	*	*
Angewak	*	*	*	*	*	*	*
Newer	*	*	*	*	*	*	*
Mejenger	577	577	*	*	*	*	*
Itang Special	*	*	*	*	*	*	*
Hareri	*	*	*	*	*	*	*
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
<b>National</b>	<b>8,406,419</b>	<b>3,459,543</b>	<b>343,915</b>	<b>67,247</b>	<b>3,970,588</b>	<b>451,546</b>	<b>113,580</b>
<b>Tigray</b>	<b>725,229</b>	<b>346,500</b>	<b>55,392</b>	<b>13,029</b>	<b>285,453</b>	<b>21,009</b>	<b>3,847</b>
North West Tigray	212,837	109,119	*	*	103,718	*	*
Central Tigray	148,828	66,131	-	-	57,005	-	-
Eastern Tigray	116,685	58,280	15,344	-	34,469	6,356	-
Southern Tigray	51,717	14,854	-	*	30,274	-	*
Western Tigray	62,049	40,816	*	*	20,704	-	-
South Western Tigray	133,113	57,300	20,005	-	39,283	-	-
<b>Afar</b>	<b>234,745</b>	<b>106,723</b>	*	*	<b>126,805</b>	*	-
Zone_1 (Awsiresu)	89,948	35,608	*	*	53,219	*	-
Zone_2 (Kelbetiresu)	51,479	36,550	*	*	14,929	*	*
Zone_3 (Gebiresu)	45,171	15,570	*	*	29,601	*	*
Zone_4 (Fentiresu)	19,882	7,602	*	*	12,280	*	*
Zone_5 (Hariresu)	28,265	11,393	-	-	-	-	-
<b>Amhara</b>	<b>2,789,626</b>	<b>936,184</b>	<b>168,288</b>	<b>8,875</b>	<b>1,340,458</b>	<b>305,490</b>	<b>30,332</b>
North Gonder	130,571	43,822	6,532	-	64,671	13,844	-
South Gonder	310,051	90,076	17,800	-	158,365	38,308	4,439
North Wello	219,788	84,821	-	*	121,434	-	*
South Wello	493,625	174,787	-	-	249,906	37,000	-
North Shewa	445,908	178,503	27,843	-	189,068	46,767	-
East Gojjam	333,898	108,366	41,205	-	120,714	59,974	-
West Gojjam	309,624	64,090	28,960	-	134,758	75,737	-
Waghimra	94,549	40,219	-	-	46,493	-	-
Awj	58,891	23,452	-	*	30,909	-	-
Oromiya Special Zone	43,937	9,677	-	-	28,115	-	-
Central Gonder	320,965	98,213	-	-	194,476	-	-
West Gonder	27,819	20,156	6,113	*	-	*	*
<b>Oromiya</b>	<b>3,052,596</b>	<b>1,263,631</b>	<b>102,846</b>	-	<b>1,538,661</b>	<b>103,234</b>	<b>25,925</b>
West Wollega	138,208	26,021	*	*	112,187	*	*
East Wollega	100,473	34,973	-	-	51,138	*	-
Ilu Ababor	28,718	14,223	-	*	13,198	*	*
Jimma	167,126	104,761	*	-	55,956	*	-
West Shewa	185,518	46,450	-	*	119,362	-	-
North Shewa	221,664	52,404	8,279	*	122,146	38,274	-
East Shewa	235,910	118,486	*	*	109,815	-	-
Arsi	487,574	206,927	*	-	269,522	*	-
West Hararghe	214,048	90,543	-	-	117,404	-	*
East Hararge	242,376	116,947	-	-	106,169	-	*
Bale	115,054	67,221	-	-	45,428	*	-
Borena	50,794	27,677	*	1,052	20,461	*	1,603
South West Shewa	147,190	51,911	6,959	*	63,276	21,650	-
Guji	75,153	37,647	-	*	36,881	*	*
West Guji	32,385	20,174	*	*	12,211	*	*
Oromiya Special Zone	143,161	47,623	-	*	76,115	-	*
West Arsi	205,729	86,117	-	-	114,519	*	-
Kelem Wollega	44,018	-	-	*	-	-	*
Horo Guduru Wollega	102,520	28,603	-	*	44,373	*	*
Buno Bedele	20,281	5,882	-	*	10,509	-	1,475
East Bale	94,697	60,360	-	-	26,597	-	-

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somalie</b>	<b>792,000</b>	<b>446,511</b>	<b>2,861</b>	<b>3,814</b>	<b>307,333</b>	<b>1,584</b>	<b>29,898</b>
Siti	15,352	8,405	*	*	6,948	*	*
Fafan	55,936	33,562	*	-	21,538	*	764
Jerer	46,922	33,017	-	-	11,288	-	1,864
Erer	44,634	19,120	857	-	24,065	-	-
Korahe	45,924	23,681	-	-	16,339	-	5,115
Shebele	97,266	59,406	-	-	28,033	-	6,670
Dollo	25,174	13,439	-	-	10,048	-	983
Afder	145,656	78,161	*	-	61,160	*	6,115
Liben	247,757	144,901	*	-	94,025	*	7,971
Nogob	54,672	25,212	*	*	29,296	*	-
Dawa	12,707	7,608	-	-	4,594	-	-
<b>Benishangul Gumuz</b>	<b>41,088</b>	<b>20,882</b>	<b>5,018</b>	<b>3,068</b>	<b>6,423</b>	<b>2,418</b>	<b>3,279</b>
Assosa	17,405	5,437	-	-	4,422	-	-
Metekel	18,885	14,430	-	-	1,590	-	*
Kemashi	3,472	-	-	-	*	-	-
Mao Ena Komo	1,326	278	282	*	411	-	-
<b>SNNP</b>	<b>672,315</b>	<b>270,692</b>	<b>8,681</b>	<b>17,925</b>	<b>338,321</b>		<b>19,178</b>
Gurage	111,683	40,752	-	-	54,900	*	-
Hadiya	157,416	64,162	*	-	91,325	*	-
Kembata Tembaro	48,998	39,195	*	-	7,073	*	-
Gedeo	3,575	3,575	*	*	*	*	*
Welayta	44,666	30,588	*	4,326	9,337	*	-
South Omo	29,359	-	-	*	16,176	-	*
Sheka	-	-	*	*	*	*	*
Kefa	6,108	-	*	*	-	*	*
Gamo Gofa	40,098	8,943	-	*	-	-	-
Bench Maji	2,109	1,913	*	*	-	*	*
Yem Special	5,880	1,244	-	*	4,399	-	*
Segen Peoples'	31,209	23,085	*	-	7,832	*	*
Alaba Special	44,513	10,615	*	*	33,099	-	-
Dawro	3,473	2,618	*	-	-	*	*
Basketo Special	943	-	-	*	-	-	*
Konta Special	787	630	-	-	*	*	*
Silite	140,782	28,139	*	-	105,010	*	-
<b>Sidama</b>	<b>60,340</b>	<b>50,273</b>	*	-	<b>7,998</b>	*	*
<b>Gambela</b>	<b>608</b>	<b>521</b>	*	*	-	*	*
Angewak	508	422	*	*	-	*	*
Newer	*	*	*	*	*	*	*
Mejenger	-	-	*	*	*	*	*
Itang Special	*	*	*	*	*	*	*
<b>Hareri</b>	<b>13,546</b>	<b>7,888</b>	-	-	<b>4,459</b>	-	*
Dire Dawa	24,328	9,739	*	*	14,589	*	*

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

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>National</b>	<b>348,086</b>	<b>144,332</b>	<b>26,107</b>	<b>6,339</b>	<b>145,735</b>	<b>20,286</b>	<b>5,288</b>
<b>Tigray</b>	<b>8,078</b>	<b>6,093</b>	*	*	<b>1,985</b>	*	*
North West Tigray	-	-	*	*	-	*	*
Central Tigray	-	-	*	*	-	*	*
Eastern Tigray	*	*	*	*	*	*	*
Southern Tigray	3,808	3,615	*	*	-	*	*
Western Tigray	-	-	*	*	-	*	*
South Western Tigray	-	-	*	*	-	*	*
<b>Afar</b>	-	-	*	*	*	*	*
Zone_1 (Awsiresu)	*	*	*	*	*	*	*
Zone_2 (Kelbetiresu)	*	*	*	*	*	*	*
Zone_3 (Gebiresu)	-	-	*	*	*	*	*
Zone_4 (Fentiresu)	*	*	*	*	*	*	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
<b>Amhara</b>	<b>178,189</b>	<b>58,861</b>	<b>23,813</b>	-	<b>72,978</b>	<b>17,370</b>	-
North Gonder	7,598	-	-	*	3,041	1,796	*
South Gonder	24,168	5,195	-	*	10,836	-	*
North Wello	13,881	3,541	*	*	9,891	-	*
South Wello	27,969	14,714	-	*	10,768	-	-
North Shewa	7,573	-	*	-	3,603	*	*
East Gojjam	24,696	7,115	-	*	5,672	-	*
West Gojjam	45,008	13,093	-	-	18,868	-	*
Waghimra	2,645	1,017	*	*	-	*	*
Awì	16,560	8,885	-	-	-	-	-
Oromiya Special Zone	*	*	*	*	*	*	*
Central Gonder	7,903	-	*	*	6,078	*	*
West Gonder	-	-	*	*	-	*	*
<b>Oromiya</b>	<b>111,044</b>	<b>51,888</b>	-	-	<b>54,331</b>	-	-
West Wollega	-	-	*	*	*	*	*
East Wollega	4,528	2,382	*	*	2,147	*	*
Ilu Ababor	4,269	-	*	*	1,799	*	*
Jimma	19,490	-	*	-	12,708	*	-
West Shewa	8,894	4,266	*	*	4,627	*	*
North Shewa	-	*	*	*	-	*	*
East Shewa	4,762	4,378	*	*	-	*	*
Arsi	36,590	12,699	*	*	-	*	*
West Hararghe	*	*	*	*	*	*	*
East Hararge	*	*	*	*	*	*	*
Bale	4,796	2,668	*	-	-	*	*
Borena	-	-	*	*	*	*	*
South West Shewa	4,029	2,480	*	*	1,549	*	*
Guji	-	2,670	*	*	-	*	*
West Guji	-	-	*	*	-	*	*
Oromiya Special Zone	-	-	*	*	-	*	*
West Arsi	-	-	*	*	-	*	-
Kelem Wollega	-	-	*	*	*	*	*
Horo Guduru Wollega	2,716	1,418	-	*	-	-	*
Buno Bedele	1,393	-	-	*	842	*	*
East Bale	3,647	-	*	*	-	*	*

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER					
	TOTAL	MALE			FEMALE	
		Transportation	Draught	Other	Transportation	Draught
<b>Somalie</b>	-	-	*	*	-	*
Siti	*	*	*	*	*	*
Fafan	*	*	*	*	*	*
Jerer	*	*	*	*	*	*
Erer	-	*	*	*	-	*
Korahe	-	*	*	*	*	*
Shebele	*	*	*	*	*	*
Dollo	*	*	*	*	*	*
Afder	-	-	*	*	*	*
Liben	*	*	*	*	*	*
Nogob	*	*	*	*	*	*
Dawa	-	-	*	*	-	*
<b>Benishangul Gumuz</b>	<b>3,178</b>	<b>1,684</b>	-	*	-	*
Assosa	*	*	*	*	*	*
Metekel	3,142	1,666	-	*	-	*
Kemashi	*	*	*	*	*	*
Mao Ena Komo	-	-	*	*	-	*
SNNP	42,079	21,036	-	-	15,052	-
Gurage	3,506	-	*	*	1,808	*
Hadiya	3,245	1,707	*	*	-	*
Kembata Tembaro	*	*	*	*	*	*
Gedeo	2,633	2,337	*	*	-	*
Welayta	-	-	*	-	*	*
South Omo	2,046	-	-	*	-	*
Sheka	-	-	*	*	-	*
Kefa	8,212	4,066	*	*	4,145	*
Gamo Gofa	7,987	-	-	*	2,083	-
Bench Maji	-	-	*	*	-	*
Yem special	-	-	*	*	-	*
Segen Akababi Hizboch	-	-	*	*	-	*
Alaba Special	*	*	*	*	*	*
Dawro	2,582	1,209	*	*	1,158	*
Basketo Special	432	-	*	*	338	*
Konta Special	-	-	*	*	-	*
Silite	2,480	2,130	*	*	-	*
<b>Sidama</b>	-	-	*	*	-	*
<b>Gambela</b>	-	-	*	*	-	*
Angewak	-	-	*	*	-	*
Newer	*	*	*	*	*	*
Mejenger	-	-	*	*	-	*
Itang Special	*	*	*	*	*	*
<b>Hareri</b>	*	*	*	*	*	*
<b>Dire Dawa</b>	*	*	*	*	*	*

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
National	5,697,036	1,107,335	228,979	19,270	154,297	98,929	354,782	-	2,988,068	739,752
Tigray	44,737	34,624	*	8,922	-	*	-	*	*	*
North West Tigray	18,423	14,781	*	-	*	*	*	*	*	*
Central Tigray	10,499	7,160	*	-	*	*	*	*	*	*
Eastern Tigray	*	*	*	*	*	*	*	*	*	*
Southern Tigray	-	-	*	*	-	*	-	*	*	*
Western Tigray	6,603	4,661	*	-	*	*	*	*	*	*
South Western Tigray	-	-	*	*	*	*	*	*	*	*
Afar	888,447	173,733	-	-	20,757	-	130,465	-	420,630	135,614
Zone_1 (Awsiresu)	340,482	76,304	-	*	10,172	-	15,734	-	177,806	53,321
Zone_2 (Kelbetiresu)	87,673	15,875	*	*	-	*	6,477	*	34,256	-
Zone_3 (Gebiresu)	304,792	53,095	*	*	-	*	70,842	*	136,560	41,245
Zone_4 (Fentiresu)	46,733	9,248	*	-	-	-	3,955	*	27,997	5,173
Zone_5 (Hariresu)	108,767	19,211			10,585		33,457		44,011	35,875
Amhara	38,921	37,868	*	-	-	*	-	*	*	*
North Gonder	*	*	*	*	*	*	*	*	*	*
South Gonder	*	*	*	*	*	*	*	*	*	*
North Wello	14,224	14,224	*	*	*	*	*	*	*	*
South Wello	-	-	*	*	*	*	*	*	*	*
North Shewa	12,640	12,640	*	*	*	*	*	*	*	*
East Gojjam	*	*	*	*	*	*	*	*	*	*
West Gojjam	*	*	*	*	*	*	*	*	*	*
Waghimra	*	*	*	*	*	*	*	*	*	*
Awj	*	*	*	*	*	*	*	*	*	*
Oromiya Special Zone	8,975	7,922	*	-	-	*	-	*	*	*
Central Gonder	*	*	*	*	*	*	*	*	*	*
West Gonder	-	-	*	*	*	*	*	*	*	*
Oromiya	198,967	25,491	5,506	-	25,538	-	13,175	-	75,408	39,215
West Wollega	*	*	*	*	*	*	*	*	*	*
East Wollega	*	*	*	*	*	*	*	*	*	*
Ilu Ababor	*	*	*	*	*	*	*	*	*	*
Jimma	*	*	*	*	*	*	*	*	*	*
West Shewa	*	*	*	*	*	*	*	*	*	*
North Shewa	*	*	*	*	*	*	*	*	*	*
East Shewa	-	-	-	*	*	*	*	*	-	-
Arsi	-	-	*	*	*	*	*	*	*	*
West Hararghe	17,952	-	-	*	*	-	-	*	-	-
East Hararge	-	-	-	*	*	-	*	*	*	-
Bale	12,743	*	*	*	-	-	-	*	-	-
Borena	63,311	-	-	*	-	-	-	*	28,846	-
South West Shewa	*	*	*	*	*	*	*	*	*	*
Guji	-	*	*	*	-	*	*	*	-	-
West Guji	*	*	*	*	*	*	*	*	*	*
Oromiya Special Zone	(	*	*	*	*	*	*	*	*	*
West Arsi	*	*	*	*	*	*	*	*	*	*
Kelem Wollega	*	*	*	*	*	*	*	*	*	*
Horo Guduru Wollega	*	*	*	*	*	*	*	*	*	*
Buno Bedele	*	*	*	*	*	*	*	*	*	*
East Bale	73,758	-	-	-	-	*	-	-	24,530	-

TABLE 3-13 CONT'D

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALE			FEMALE					
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
<b>Somalie</b>	<b>4,516,815</b>	<b>831,973</b>	<b>222,250</b>	<b>9,051</b>	<b>106,791</b>	<b>79,388</b>	<b>209,359</b>	-	<b>2,489,655</b>	<b>563,685</b>
Siti	8,328	2,101	-	*	*	*	3,003	*	2,913	-
Fafan	90,841	20,645	3,026	*	2,986	1,368	5,278	*	24,948	32,590
Jerer	786,928	235,409	9,722	7,906	-	-	60,646	-	416,358	51,567
Erer	449,527	67,052	60,306	*	*	-	-	*	319,514	*
Korahe	301,100	20,107	17,460	-	18,217	12,360	1,822	-	131,106	97,670
Shebele	-	-	-	*	-	-	-	*	-	-
Dollo	239,241	20,847	18,116	*	20,461	42,603	10,143	-	70,220	56,634
Afder	453,631	80,924	-	*	17,730	1,055	41,622	*	214,507	93,678
Liben	178,613	35,771	-	*	-	-	21,321	*	91,144	24,003
Nogob	1,316,032	283,558	79,647	*	-	-	8,093	*	923,375	-
Dawa	148,529	16,613	-	-	13,551	-	-	*	63,375	-
<b>Benishangul Gumuz</b>	*	*	*	*	*	*	*	*	*	*
Assosa	*	*	*	*	*	*	*	*	*	*
Metekel	*	*	*	*	*	*	*	*	*	*
Kemashi	*	*	*	*	*	*	*	*	*	*
Mao Ena Komo	*	*	*	*	*	*	*	*	*	*
<b>SNNP</b>	*	*	*	*	*	*	*	*	*	*
Gurage	*	*	*	*	*	*	*	*	*	*
Hadiya	*	*	*	*	*	*	*	*	*	*
Kembata Tembaro	*	*	*	*	*	*	*	*	*	*
Gedeo	*	*	*	*	*	*	*	*	*	*
Welayta	*	*	*	*	*	*	*	*	*	*
South Omo	*	*	*	*	*	*	*	*	*	*
Sheka	*	*	*	*	*	*	*	*	*	*
Kefa	*	*	*	*	*	*	*	*	*	*
Gamo Gofa	*	*	*	*	*	*	*	*	*	*
Bench Maji	*	*	*	*	*	*	*	*	*	*
Yem Special	*	*	*	*	*	*	*	*	*	*
Segen Akababi Hizboch	*	*	*	*	*	*	*	*	*	*
Alaba Special	*	*	*	*	*	*	*	*	*	*
Dawro	*	*	*	*	*	*	*	*	*	*
Basketo Special	*	*	*	*	*	*	*	*	*	*
Konta Special	*	*	*	*	*	*	*	*	*	*
Silite	*	*	*	*	*	*	*	*	*	*
<b>Sidama</b>	*	*	*	*	*	*	*	*	*	*
<b>Gambela</b>	*	*	*	*	*	*	*	*	*	*
Angewak	*	*	*	*	*	*	*	*	*	*
Newer	*	*	*	*	*	*	*	*	*	*
Mejenger	*	*	*	*	*	*	*	*	*	*
Itang Special	*	*	*	*	*	*	*	*	*	*
Hareri	-	*	-	*	*	*	-	*	-	-
<b>Dire Dawa</b>	<b>8,004</b>	<b>3,646</b>	-	*	*	*	-	*	<b>1,994</b>	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>National</b>	<b>70,291,776</b>	<b>30,086,416</b>	<b>612,659</b>	<b>73,117</b>	<b>38,376,901</b>	<b>997,227</b>	<b>145,455</b>
<b>Tigray</b>	<b>4,908,964</b>	<b>2,303,087</b>	<b>37,624</b>	<b>8,228</b>	<b>2,491,664</b>	<b>49,954</b>	<b>18,408</b>
North West Tigray	1,954,132	899,399	-	-	1,041,463	-	-
Central Tigray	725,700	394,040	6,470	-	309,236	9,299	4,953
Eastern Tigray	466,981	221,391	15,352	-	199,984	22,029	-
Southern Tigray	390,934	197,144	-	-	190,920	-	-
Western Tigray	847,546	302,862	-	*	539,044	-	*
South Western Tigray	523,671	288,251	-	-	211,017	-	3,974
<b>Afar</b>	<b>1,959,185</b>	<b>438,546</b>	-	*	<b>1,520,183</b>	-	*
Zone_1 (Awsiresu)	916,830	196,745	*	*	720,085	*	*
Zone_2 (Kelbetiresu)	62,214	18,472	-	*	43,287	-	*
Zone_3 (Gebiresu)	620,828	145,603	*	*	475,225	*	*
Zone_4 (Fentiresu)	100,838	20,643	*	*	80,195	*	*
Zone_5 (Hariresu)	258,475	57,083	-	-	201,391	-	-
<b>Amhara</b>	<b>17,262,804</b>	<b>8,602,336</b>	<b>233,026</b>	<b>26,498</b>	<b>8,063,019</b>	<b>291,418</b>	<b>46,507</b>
North Gonder	778,942	393,222	-	-	376,760	-	-
South Gonder	1,977,764	994,554	21,110	2,910	929,559	25,447	-
North Wello	924,892	465,488	10,747	*	431,854	15,456	-
South Wello	1,952,374	1,010,274	54,427	-	784,763	83,975	-
North Shewa	1,704,407	979,753	61,089	-	596,024	61,412	-
East Gojjam	2,166,683	1,123,440	18,289	-	1,004,147	16,577	-
West Gojjam	2,922,093	1,408,314	32,533	5,418	1,415,483	44,950	15,395
Waghimra	367,985	185,361	-	*	182,287	*	*
Awi	1,137,033	500,997	-	-	608,799	-	-
Oromiya Special Zone	322,932	159,421	-	*	163,077	-	*
Central Gonder	2,632,866	1,241,973	20,406	-	1,335,359	25,560	7,397
West Gonder	374,833	139,539	*	*	234,907	*	-
<b>Oromiya</b>	<b>25,506,409</b>	<b>11,418,383</b>	<b>270,440</b>	<b>28,256</b>	<b>13,345,573</b>	<b>392,286</b>	<b>51,471</b>
West Wollega	1,306,092	522,753	*	*	783,339	*	*
East Wollega	1,079,293	480,871	*	*	598,421	*	*
Ilu Ababor	943,571	386,929	-	-	554,967	-	*
Jimma	2,560,207	1,216,233	-	-	1,333,105	-	-
West Shewa	2,294,593	1,120,797	16,038	*	1,119,983	35,660	-
North Shewa	1,323,045	626,661	93,656	3,102	487,000	110,032	-
East Shewa	1,109,685	570,641	1,876	-	523,210	-	-
Arsi	2,904,201	1,381,540	102,715	-	1,252,606	154,961	-
West Hararghe	1,117,575	489,589	-	*	622,404	2,023	-
East Hararge	1,241,557	458,862	-	*	775,497	-	*
Bale	961,215	444,032	-	*	512,120	-	-
Borena	602,593	213,916	*	-	387,995	*	-
South West Shewa	1,094,301	567,438	6,774	-	514,679	-	-
Guji	1,424,030	581,557	-	-	835,540	-	-
West Guji	535,175	201,245	*	*	331,193	-	-
Oromiya Special Zone	949,822	448,323	22,822	-	427,897	41,472	-
West Arsi	1,835,794	687,659	13,826	-	1,087,249	22,640	-
Kelem Wollega	513,415	234,331	*	*	279,084	*	*
Horo Guduru Wollega	744,617	349,722	-	*	392,321	-	-
Buno Bedele	443,264	198,053	-	-	244,249	-	-
East Bale	522,364	237,228	-	-	282,714	-	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somalie</b>	<b>6,034,887</b>	<b>1,756,966</b>	-	-	<b>4,240,101</b>	-	-
Siti	52,045	15,824	*	*	36,159	*	-
Fafan	558,229	165,244	*	*	392,985	*	*
Jerer	672,956	209,319	*	-	459,869	*	-
Erer	555,648	180,064	*	*	375,584	*	*
Korahe	560,940	115,912	*	*	445,028	*	*
Shebele	680,136	221,935	*	*	458,201	*	*
Dollo	1,022,817	278,798	-	-	714,069	-	-
Afder	685,181	192,442	*	*	492,739	*	*
Liben	387,595	124,085	-	*	260,631	-	*
Nogob	662,986	198,302	*	-	463,525	*	-
Dawa	196,352	55,040	*	*	141,312	*	*
<b>Benishangul Gumuz</b>	<b>592,228</b>	<b>243,326</b>	-	*	<b>348,624</b>	*	*
Assosa	69,440	24,016	*	*	45,424	*	*
Metekel	467,989	198,867	-	*	268,842	*	*
Kemashi	44,448	16,133	*	*	28,315	*	*
Mao Ena Komo	10,351	4,309	*	*	6,042	*	*
<b>SNNP</b>	<b>11,128,017</b>	<b>4,595,168</b>	<b>52,158</b>	-	<b>6,276,349</b>	<b>193,468</b>	-
Gurage	1,058,674	337,162	4,214	*	702,853	-	-
Hadiya	1,001,910	416,331	5,550	*	561,192	18,483	-
Kembata Tembaro	416,299	112,997	16,922	-	176,851	104,319	-
Gedeo	124,940	60,290	-	*	64,236	*	*
Welayta	920,248	367,608	1,715	-	544,424	5,646	-
South Omo	2,733,147	1,235,912	-	*	1,488,143	-	*
Sheka	284,361	123,793	*	*	160,166	-	*
Kefa	944,589	394,028	-	*	548,088	-	*
Gamo Gofa	1,434,273	556,709	-	-	839,168	26,922	-
Bench Maji	367,853	159,909	*	*	207,558	-	*
Yem Special	86,116	39,146	-	-	45,961	-	-
Segen Peoples'	413,485	220,245	*	*	193,240	*	*
Alaba Special	198,371	86,622	1,733	*	102,081	7,834	-
Dawro	318,018	124,116	-	*	191,915	-	*
Basketo Special	49,404	20,928	479	-	27,203	599	-
Konta Special	106,925	49,031	-	*	57,781	-	*
Silite	669,405	290,339	5,542	*	365,490	8,034	*
<b>Sidama</b>	<b>2,413,482</b>	<b>573,539</b>	<b>10,946</b>	-	<b>1,767,028</b>	<b>46,926</b>	-
<b>Gambela</b>	<b>321,722</b>	<b>100,128</b>	*	*	<b>221,593</b>	*	*
Angewak	7,035	2,733	*	*	4,303	*	*
Newer	276,876	87,119	*	*	189,757	*	*
Mejenger	20,530	5,818	*	*	14,712	*	*
Itang Special	17,281	4,459	*	*	12,821	*	*
<b>Hareri</b>	<b>86,056</b>	<b>27,439</b>	-	-	<b>53,187</b>	-	-
<b>Dire Dawa</b>	<b>78,022</b>	<b>27,498</b>	-	*	<b>49,579</b>	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>National</b>	<b>42,914,865</b>	<b>12,382,616</b>	<b>51,440</b>	<b>10,791</b>	<b>30,324,251</b>	<b>123,119</b>	<b>22,647</b>
<b>Tigray</b>	<b>2,097,619</b>	<b>512,360</b>	-	-	<b>1,572,860</b>	-	*
North West Tigray	410,846	92,224	*	*	318,622	*	*
Central Tigray	549,192	135,728	*	*	413,463	*	*
Eastern Tigray	614,973	152,021	-	*	460,822	-	*
Southern Tigray	186,475	43,805	*	*	142,670	*	*
Western Tigray	101,390	21,806	*	*	79,584	*	*
South Western Tigray	234,743	66,775	-	-	157,699	-	*
<b>Afar</b>	<b>4,476,485</b>	<b>1,067,948</b>	*	*	<b>3,408,537</b>	*	*
Zone_1 (Awsiresu)	2,181,923	505,983	*	*	1,675,940	*	*
Zone_2 (Kelbetiresu)	413,083	109,344	*	*	303,739	*	*
Zone_3 (Gebiresu)	1,089,703	271,730	*	*	817,973	*	*
Zone_4 (Fentiresu)	338,140	73,570	*	*	264,570	*	*
Zone_5 (Hariresu)	453,636	107,321			346,315		
<b>Amhara</b>	<b>10,391,582</b>	<b>2,727,003</b>	<b>25,247</b>	<b>3,528</b>	<b>7,567,361</b>	<b>61,597</b>	<b>6,847</b>
North Gonder	506,919	108,931	-	*	397,666	*	*
South Gonder	1,225,461	312,048	-	-	907,912	-	-
North Wello	928,259	241,499	-	-	681,120	-	-
South Wello	1,538,406	450,265	-	-	1,050,951	-	-
North Shewa	1,941,024	577,211	-	*	1,321,185	-	*
East Gojjam	1,110,700	244,968	-	*	863,073	*	-
West Gojjam	1,555,225	389,463	*	*	1,165,762	*	*
Waghimra	196,608	50,464	*	*	146,145	*	*
Awi	551,125	136,418	*	*	413,039	-	*
Oromiya Special Zone	39,203	17,088	*	*	22,115	*	*
Central Gonder	772,065	191,722	*	*	578,732	-	*
West Gonder	26,587	6,926	*	*	19,661	*	*
<b>Oromiya</b>	<b>9,752,385</b>	<b>2,949,307</b>	*	-	<b>6,792,892</b>	-	-
West Wollega	422,262	148,886	*	*	273,376	*	*
East Wollega	274,633	82,682	*	*	191,951	*	*
Ilu Ababor	308,008	85,157	*	*	222,523	*	-
Jimma	859,914	242,448	*	*	617,466	*	*
West Shewa	1,074,939	258,278	*	*	812,530	-	*
North Shewa	945,409	234,468	*	-	709,135	*	-
East Shewa	445,120	144,671	*	*	300,449	*	*
Arsi	1,228,912	422,018	*	*	806,894	*	*
West Hararghe	135,963	35,179	*	*	100,783	*	*
East Hararge	314,134	99,894	*	*	214,240	*	*
Bale	177,471	58,972	*	*	118,499	*	*
Borena	420,512	153,728	*	*	266,784	*	*
South West Shewa	263,084	91,141	*	*	171,208	-	*
Guji	631,170	202,511	*	*	428,659	*	*
West Guji	196,494	54,083	*	*	142,411	*	*
Oromiya Special Zone	479,024	132,876	*	*	346,148	*	*
West Arsi	969,205	263,271	*	-	702,747	*	-
Kelem Wollega	202,563	112,250	*	*	90,313	*	*
Horo Guduru Wollega	189,992	58,745	*	*	131,247	*	*
Buno Bedele	108,479	28,478	*	*	80,001	*	*
East Bale	105,097	39,570	*	*	65,527	*	*

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somalie</b>	<b>11,013,491</b>	<b>3,482,468</b>	-	-	<b>7,459,127</b>	-	-
Siti	114,160	34,841	*	*	79,319	*	*
Fafan	807,519	243,244	*	*	564,275	*	*
Jerer	2,726,526	898,116	*	*	1,828,410	*	*
Erer	808,458	263,903	-	-	539,792	-	-
Korahe	684,796	170,066	*	*	514,730	*	*
Shebele	836,696	269,882	*	*	566,815	*	*
Dollo	967,633	246,570	-	-	659,985	-	-
Afder	1,599,007	493,017	*	*	1,105,990	*	*
Liben	531,251	172,541	-	-	352,656	-	-
Nogob	1,740,564	611,535	*	*	1,129,029	*	*
Dawa	196,879	78,752	*	*	118,127	*	*
<b>Benishangul Gumuz</b>	<b>61,335</b>	<b>19,366</b>	*	*	<b>41,969</b>	*	*
Assosa	10,916	4,010	*	*	6,907	*	*
Metekel	27,783	7,645	*	*	20,138	*	*
Kemashi	15,769	-	*	*	10,071	*	*
Mao Ena Komo	6,867	2,014	*	*	4,853	*	*
<b>SNNP</b>	<b>4,561,504</b>	<b>1,470,526</b>	<b>7,825</b>	*	<b>3,074,726</b>	-	*
Gurage	360,291	98,389	*	*	261,902	*	*
Hadiya	173,565	46,169	*	*	127,396	*	*
Kembata Tembaro	55,962	17,318	*	*	38,644	*	*
Gedeo	255,117	73,554	*	*	181,563	*	*
Welayta	192,994	67,418	*	*	125,576	*	*
South Omo	1,415,361	599,222	*	*	816,139	*	*
Sheka	132,211	33,113	*	*	99,098	*	*
Kefa	475,454	116,858	-	*	358,274	*	*
Gamo Gofa	527,374	123,048	-	*	390,303	-	*
Bench Maji	170,400	42,368	*	*	128,032	*	*
Yem Special	17,513	4,757	*	*	12,756	*	*
Segen Peopls'	234,857	93,377	*	*	141,480	*	*
Alaba Special	69,148	17,837	*	*	51,311	*	*
Dawro	60,836	18,469	*	*	42,152	-	*
Basketo Special	19,013	4,832	*	*	14,181	*	*
Konta Special	18,911	8,553	-	*	10,297	*	*
Silite	382,495	105,244	-	*	275,622	-	*
Sidama	467,858	126,773	*	*	341,085	*	*
Gambela	27,789	10,487	*	*	17,302	*	*
Angewak	-	-	*	*	-	*	*
Newer	15,022	5,864	*	*	9,158	*	*
Mejenger	11,577	4,089	*	*	7,488	*	*
Itang Special	729	185	*	*	544	*	*
<b>Hareri</b>	<b>5,497</b>	<b>1,975</b>	*	*	<b>3,522</b>	*	*
<b>Dire Dawa</b>	<b>59,320</b>	<b>14,404</b>	-	*	<b>44,871</b>	-	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>National</b>	<b>52,463,535</b>	<b>15,957,835</b>	-	-	<b>36,454,135</b>	-	-
<b>Tigray</b>	<b>4,838,969</b>	<b>1,303,026</b>	-	*	<b>3,525,227</b>	-	*
North West Tigray	2,357,427	614,828	*	*	1,741,904	-	*
Central Tigray	1,110,054	315,342	*	*	794,713	*	*
Eastern Tigray	194,578	55,621	*	*	138,956	*	*
Southern Tigray	161,672	41,382	*	*	120,290	*	*
Western Tigray	679,188	192,629	*	*	486,560	*	*
South Western Tigray	336,050	83,224	-	*	242,805	-	*
<b>Afar</b>	<b>8,843,082</b>	<b>2,065,674</b>	*	*	<b>6,777,408</b>	*	*
Zone_1 (Awsiresu)	3,924,025	870,938	*	*	3,053,087	*	*
Zone_2 (Kelbetiresu)	1,376,619	355,040	*	*	1,021,580	*	*
Zone_3 (Gebiresu)	1,871,544	474,469	*	*	1,397,075	*	*
Zone_4 (Fentiresu)	587,919	120,428	*	*	467,492	*	*
Zone_5 (Hariresu)	1,082,975	244,799			838,174		
<b>Amhara</b>	<b>7,045,305</b>	<b>2,363,875</b>	*	*	<b>4,681,028</b>	*	-
North Gonder	645,359	191,742	*	*	453,617	*	*
South Gonder	905,804	290,483	*	*	615,320	*	*
North Wello	583,226	168,618	*	*	414,609	*	*
South Wello	1,390,763	484,996	*	*	905,767	*	*
North Shewa	823,550	368,262	*	*	454,886	*	-
East Gojjam	250,630	74,709	*	*	175,921	*	*
West Gojjam	288,719	104,582	*	*	184,137	*	*
Waghimra	550,710	171,526	*	*	379,184	*	*
Awi	130,732	57,104	*	*	73,628	*	*
Oromiya Special Zone	211,362	68,396	*	*	142,967	*	*
Central Gonder	1,060,173	323,617	*	*	736,556	*	*
West Gonder	204,277	59,840	*	*	144,437	*	*
<b>Oromiya</b>	<b>8,425,727</b>	<b>2,726,055</b>	*	-	<b>5,698,299</b>	-	*
West Wollega	69,192	24,574	*	*	44,618	*	*
East Wollega	171,251	55,096	*	*	116,155	*	*
Ilu Ababor	146,369	39,625	*	*	106,745	*	*
Jimma	570,387	168,473	*	*	401,915	*	*
West Shewa	264,931	70,986	*	*	193,945	*	*
North Shewa	158,116	46,936	*	*	111,180	*	*
East Shewa	431,649	140,889	*	*	290,760	*	*
Arsi	1,176,724	417,015	*	*	759,709	*	*
West Hararghe	1,112,238	361,435	*	-	749,431	-	*
East Hararge	1,151,462	410,000	*	*	741,462	*	*
Bale	404,246	103,756	*	*	300,490	*	*
Borena	657,479	217,282	*	*	440,197	*	*
South West Shewa	260,410	80,463	*	*	179,947	*	*
Guji	331,790	97,638	*	*	234,152	*	*
West Guji	192,905	-	*	*	128,806	*	*
Oromiya Special Zone	73,625	23,815	*	*	49,810	*	*
West Arsi	245,950	66,896	*	*	179,054	*	*
Kelem Wollega	83,494	25,958	*	*	57,537	*	*
Horo Guduru Wollega	146,124	51,255	*	*	94,869	*	*
Buno Bedele	95,030	27,503	*	*	67,527	*	*
East Bale	682,353	232,362	*	*	449,991	*	*

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somalie</b>	<b>16,464,505</b>	<b>4,996,646</b>	-	-	<b>11,429,850</b>	-	-
Siti	344,966	91,600	*	*	253,366	*	*
Fafan	712,699	233,330	*	*	479,369	*	*
Jerer	3,981,852	1,275,011	*	-	2,700,952	*	-
Erer	1,084,399	374,733	*	*	709,666	*	*
Korahe	609,943	156,435	*	-	452,253	*	-
Shebele	1,279,518	457,121	*	*	822,397	*	*
Dollo	734,718	206,277	*	-	514,160	*	-
Afder	4,185,770	1,068,617	*	*	3,117,153	*	*
Liben	936,629	255,126	-	*	666,855	-	*
Nogob	2,066,417	723,028	*	*	1,343,389	*	*
Dawa	527,594	155,368	*	-	370,290	*	-
<b>Benishangul Gumuz</b>	<b>446,323</b>	<b>140,259</b>	*	*	<b>306,064</b>	*	*
Assosa	157,629	42,767	*	*	114,861	*	*
Metekel	145,031	54,015	*	*	91,016	*	*
Kemashi	132,817	39,733	*	*	93,083	*	*
Mao Ena Komo	10,847	3,743	*	*	7,104	*	*
<b>SNNP</b>	<b>5,518,806</b>	<b>2,090,002</b>	-	*	<b>3,427,978</b>	-	*
Gurage	139,061	45,194	*	*	93,867	*	*
Hadiya	197,170	55,500	*	*	141,670	*	*
Kembata Tembaro	72,393	22,244	*	*	50,150	*	*
Gedeo	9,108	1,762	*	*	7,346	*	*
Welayta	211,575	62,687	*	*	148,887	*	*
South Omo	3,110,966	1,372,930	*	*	1,738,037	*	*
Sheka	9,715	-	*	*	8,358	*	*
Kefa	200,499	48,185	*	*	152,314	*	*
Gamo Gofa	495,852	138,364	*	*	357,488	*	*
Bench Maji	92,905	31,087	*	*	61,818	*	*
Yem Special	36,709	7,976	*	*	28,733	*	*
Segen peoples'	443,376	147,963	*	*	295,413	*	*
Alaba Special	113,975	32,877	-	*	80,593	-	*
Dawro	72,492	27,249	*	*	45,243	*	*
Basketo Special	12,183	3,639	*	*	8,544	*	*
Konta Special	27,379	10,040	*	*	17,339	*	*
Silite	273,449	80,948	*	*	192,180	-	*
<b>Sidama</b>	<b>308,903</b>	<b>99,798</b>	*	*	<b>209,106</b>	*	*
<b>Gambela</b>	<b>135,494</b>	<b>44,609</b>	*	*	<b>90,885</b>	*	*
Angewak	7,932	2,433	*	*	5,499	*	*
Newer	109,121	35,693	*	*	73,429	*	*
Mejenger	9,744	3,975	*	*	5,770	*	*
Itang Special	8,697	2,509	*	*	6,188	*	*
<b>Hareri</b>	<b>110,499</b>	<b>33,185</b>	*	-	<b>77,074</b>	*	-
<b>Dire Dawa</b>	<b>325,922</b>	<b>94,707</b>	*	*	<b>231,215</b>	*	*

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

**a. All**

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>National</b>	<b>56,992,987</b>	<b>6,380,732</b>	<b>3,268,614</b>	<b>6,474,755</b>	<b>2,614,965</b>	<b>18,729,950</b>	<b>19,523,972</b>
<b>Tigray</b>	<b>7,000,785</b>	<b>566,311</b>	<b>375,264</b>	<b>781,141</b>	<b>360,471</b>	<b>2,827,139</b>	<b>2,090,458</b>
North West Tigray	2,592,291	193,478	141,071	257,029	151,195	1,185,464	664,053
Central Tigray	1,389,635	110,273	53,429	118,381	95,630	582,686	429,236
Eastern Tigray	971,211	78,731	59,042	144,510	28,545	282,393	377,989
Southern Tigray	405,935	44,997	17,223	40,128	24,043	164,971	114,573
Western Tigray	871,111	69,199	78,265	136,165	34,878	357,704	194,900
South Western Tigray	770,603	69,633	26,234	84,928	26,181	253,920	309,708
<b>Afar</b>	<b>91,562</b>	<b>11,773</b>	<b>4,640</b>	<b>9,271</b>	<b>9,886</b>	<b>31,459</b>	<b>24,534</b>
Zone_1 (Awsiresu)	-	-	-	-	-	*	-
Zone_3 (Gebiresu)	61,780	7,091	2,111	4,610	7,292	26,192	14,485
Zone_4 (Fentiresu)	*	*	*	*	*	*	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
<b>Amhara</b>	<b>19,060,608</b>	<b>1,711,620</b>	<b>1,161,730</b>	<b>2,268,056</b>	<b>780,093</b>	<b>6,945,468</b>	<b>6,193,640</b>
North Gonder	1,304,189	140,630	75,306	144,277	69,081	540,714	334,181
South Gonder	1,885,633	158,029	137,870	274,370	59,524	623,200	632,641
North Wello	1,069,976	180,437	34,517	124,548	42,055	308,623	379,796
South Wello	1,965,306	258,705	112,093	253,716	63,057	563,994	713,740
North Shewa	2,000,196	214,308	96,333	212,776	106,550	416,446	953,783
East Gojjam	1,350,897	104,683	60,892	165,294	68,488	328,870	622,670
West Gojjam	3,729,350	236,688	226,561	448,314	107,613	1,607,914	1,102,259
Waghimra	398,167	46,534	10,556	48,096	32,040	118,300	142,642
Awi	1,416,013	82,177	104,688	155,694	52,181	633,352	387,921
Oromiya Special Zone	347,721	37,394	-	44,318	11,975	108,768	83,402
Central Gonder	3,244,120	222,640	211,756	352,377	153,363	1,538,472	765,512
West Gonder	349,039	29,397	29,295	44,275	14,167	156,814	75,091
<b>Oromiya</b>	<b>19,160,388</b>	<b>2,700,936</b>	<b>1,041,989</b>	<b>2,076,474</b>	<b>913,387</b>	<b>4,992,030</b>	<b>7,435,573</b>
West Wollega	1,217,561	165,849	134,230	187,293	-	361,881	365,031
East Wollega	777,286	100,018	62,341	105,752	12,165	263,973	233,038
Ilu Ababor	779,081	132,696	43,686	119,574	54,081	130,746	298,298
Jimma	2,235,702	273,438	74,934	221,658	102,123	827,672	735,876
West Shewa	1,347,507	176,341	44,339	136,007	64,022	409,504	517,295
North Shewa	656,314	57,155	48,703	67,421	40,789	135,548	306,697
East Shewa	859,616	126,674	45,756	118,991	71,598	163,698	332,899
Arsi	1,783,090	239,054	100,581	170,519	61,325	303,399	908,213
West Hararghe	1,447,796	211,780	74,028	146,807	73,840	439,461	501,879
East Hararge	2,275,854	323,441	102,999	223,366	53,708	598,388	973,952
Bale	438,382	63,253	20,947	32,321	32,215	115,153	174,493
Borena	152,299	32,086	10,290	14,875	11,791	22,674	60,583
South West Shewa	694,786	99,060	62,638	95,415	31,527	145,705	260,440
Guji	1,354,160	209,207	62,790	163,635	92,846	460,859	364,824
West Guji	355,439	73,205	17,424	28,403	46,641	59,896	129,870
Oromiya Special Zone	727,668	68,175	52,223	71,945	42,364	84,194	408,767
West Arsi	761,163	117,544	32,894	63,677	38,908	157,695	350,445
Kelem Wollega	477,942	92,075	-	31,406	-	101,318	217,406
Horo Guduru Wollega	472,374	81,259	28,537	50,693	31,357	139,063	141,466
Buno Bedele	227,011	33,296	6,073	19,372	7,434	53,896	106,939
East Bale	119,356	25,330	7,627	7,344	14,587	17,308	47,162



TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somalie</b>	<b>318,567</b>	<b>50,949</b>	<b>26,517</b>	<b>37,870</b>	<b>32,176</b>	<b>81,362</b>	<b>89,693</b>
Siti	14,193	2,085	1,391	-	-	2,782	4,757
Fafan	22,894	4,427	1,654	2,435	2,652	5,463	6,264
Jerer	*	*	*	*	*	*	*
Erer	*	*	*	*	*	*	*
Korahe	-	-	*	*	-	*	-
Shebele	113,264	9,172	17,131	26,789	10,121	-	12,643
Dollo	*	*	*	*	*	*	*
Afder	*	*	*	*	*	*	*
Liben	123,690	27,726	-	5,058	12,651	29,592	46,402
Nogob	*	*	*	*	*	*	*
Dawa	17,963	2,877	-	1,617	1,307	3,665	5,539
<b>Benishangul Gumuz</b>	<b>1,155,535</b>	<b>123,193</b>	<b>93,537</b>	<b>153,460</b>	<b>43,006</b>	<b>501,703</b>	<b>240,636</b>
Assosa	465,228	51,260	30,172	70,508	15,442	198,678	99,168
Metekel	391,536	37,456	36,132	41,300	-	179,986	81,522
Kemashi	260,197	28,877	24,779	35,929	-	108,112	51,484
Mao Ena Komo	38,574	5,601	2,455	5,723	1,407	14,927	8,462
<b>SNNP</b>	<b>7,813,730</b>	<b>937,527</b>	<b>424,365</b>	<b>885,038</b>	<b>347,091</b>	<b>2,672,987</b>	<b>2,546,722</b>
Gurage	542,195	69,829	31,796	71,108	44,320	81,014	244,129
Hadiya	897,684	94,360	31,228	88,155	15,874	385,272	282,795
Kembata Tembaro	301,278	33,486	14,121	31,796	26,379	91,199	104,297
Gedeo	136,319	22,286	7,331	20,445	4,194	13,653	68,410
Welayta	-	86,823	52,475	88,075	49,120	-	260,442
South Omo	481,237	81,086	32,934	63,602	29,729	143,954	129,931
Sheka	184,854	28,519	15,420	34,964	3,545	20,256	82,150
Kefa	710,656	101,004	28,876	86,002	24,804	180,537	289,434
Gamo Gofa	936,934	117,444	84,888	146,323	25,341	223,110	339,828
Bench Maji	310,931	46,660	19,151	45,441	11,848	76,817	111,014
Yem Special	56,280	7,441	-	-	856	10,181	29,897
Segen peoples'	527,817	99,358	43,885	55,596	55,506	109,437	164,035
Alaba Special	222,694	22,207	11,836	26,777	7,761	85,763	68,349
Dawro	211,113	36,350	12,787	30,525	11,692	48,291	71,468
Basketo Special	55,553	8,689	3,109	6,721	3,764	16,811	16,458
Konta Special	107,734	20,918	3,364	11,597	6,452	29,954	35,449
Silite	646,525	61,067	29,018	72,151	25,905	209,749	248,635
<b>Sidama</b>	<b>1,824,841</b>	<b>188,842</b>	<b>101,038</b>	<b>187,910</b>	<b>92,342</b>	<b>534,434</b>	<b>720,276</b>
<b>Gambela</b>	<b>314,680</b>	<b>50,604</b>	<b>30,215</b>	<b>44,068</b>	<b>19,345</b>	<b>95,386</b>	<b>75,062</b>
Angewak	61,211	8,125	5,581	7,293	2,849	22,592	14,771
Newer	160,955	30,241	16,274	23,832	10,913	45,395	34,300
Mejenger	55,065	6,411	3,854	7,943	-	18,223	16,371
Itang Special	37,448	5,827	4,506	5,001	3,318	9,176	9,620
<b>Hareri</b>	<b>129,963</b>	<b>23,645</b>	<b>5,890</b>	<b>18,694</b>	<b>9,549</b>	<b>31,189</b>	<b>40,996</b>
<b>Dire Dawa</b>	<b>122,328</b>	<b>15,331</b>	<b>3,429</b>	<b>12,773</b>	<b>7,620</b>	<b>16,794</b>	<b>66,382</b>

## b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>National</b>	<b>44,940,924</b>	<b>5,160,983</b>	<b>2,364,747</b>	<b>4,688,266</b>	<b>2,117,083</b>	<b>16,322,355</b>	<b>14,287,489</b>
<b>Tigray</b>	<b>4,917,075</b>	<b>408,346</b>	<b>260,463</b>	<b>470,578</b>	<b>249,513</b>	<b>2,324,946</b>	<b>1,203,229</b>
North West Tigray	2,225,475	173,745	122,454	211,073	122,234	1,088,382	507,588
Central Tigray	880,695	78,648	29,754	71,442	59,914	382,966	257,971
Eastern Tigray	266,465	16,009	8,821	10,660	6,517	161,080	63,379
Southern Tigray	330,312	36,294	15,275	20,454	16,055	158,102	84,131
Western Tigray	793,939	58,523	74,126	130,217	29,713	340,766	160,594
South Western Tigray	420,189	45,127	10,033	26,733	15,080	193,650	129,566
<b>Afar</b>	<b>83,138</b>	<b>11,204</b>	<b>3,730</b>	<b>7,537</b>	<b>9,658</b>	<b>31,459</b>	<b>19,551</b>
Zone_1 (Awsiresu)	-	-	-	-	-	*	-
Zone_2 (Kelbetiresu)	-	-	*	-	-	-	-
Zone_3 (Gebiresu)	61,267	7,091	2,111	4,469	7,292	26,192	14,113
Zone_4 (Fentiresu)	*	*	*	*	*	*	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
<b>Amhara</b>	<b>16,307,775</b>	<b>1,500,406</b>	<b>957,676</b>	<b>1,850,779</b>	<b>690,367</b>	<b>6,500,655</b>	<b>4,807,891</b>
North Gonder	1,214,623	130,825	73,187	134,837	63,817	525,341	286,616
South Gonder	1,614,264	138,550	104,882	240,807	55,344	581,722	492,959
North Wello	927,672	175,242	34,090	103,526	36,510	308,623	269,681
South Wello	1,526,581	201,559	84,835	150,662	55,212	531,492	502,821
North Shewa	1,424,672	166,342	71,216	130,975	80,107	342,962	633,069
East Gojjam	1,147,515	92,961	55,191	135,019	64,074	319,612	480,658
West Gojjam	3,401,806	217,600	216,166	410,146	92,695	1,522,628	942,571
Waghimra	346,731	45,385	10,556	40,227	26,999	115,647	107,917
Awi	1,274,842	76,061	87,126	135,664	44,995	601,319	329,677
Oromiya Special Zone	245,872	30,569	6,892	20,866	11,267	104,583	71,694
Central Gonder	2,873,180	200,981	187,755	309,049	146,620	1,403,209	625,566
West Gonder	310,018	24,331	25,779	39,002	12,728	143,515	64,664
<b>Oromiya</b>	<b>14,902,847</b>	<b>2,114,762</b>	<b>690,151</b>	<b>1,462,055</b>	<b>715,223</b>	<b>4,547,982</b>	<b>5,372,672</b>
West Wollega	990,866	116,158	90,838	142,453	-	339,331	300,447
East Wollega	663,631	81,784	41,768	84,385	10,844	256,687	188,163
Ilu Ababor	459,582	63,713	17,801	57,063	28,242	112,504	180,259
Jimma	1,937,967	228,792	55,108	161,753	81,725	790,883	619,707
West Shewa	814,504	86,809	15,275	46,945	44,295	298,848	322,332
North Shewa	345,849	38,347	-	15,542	32,320	92,546	160,871
East Shewa	613,962	95,416	33,537	79,812	57,625	126,583	220,989
Arsi	1,215,895	166,873	61,527	145,089	41,029	282,278	519,098
West Hararghe	1,346,393	197,932	69,507	129,878	70,717	431,513	446,845
East Hararge	2,101,759	305,747	98,218	199,959	42,803	592,534	862,496
Bale	367,259	58,272	17,387	22,451	29,138	103,367	136,643
Borena	152,149	31,936	10,290	14,875	11,791	22,674	60,583
South West Shewa	243,661	37,084	8,540	19,499	10,308	69,312	98,919
Guji	1,327,880	198,151	62,790	163,044	92,846	460,859	350,190
West Guji	294,615	61,528	-	21,542	41,167	56,538	98,240
Oromiya Special Zone	318,495	45,077	15,173	24,647	21,661	64,758	147,180
West Arsi	615,528	100,327	25,031	48,875	30,594	144,963	265,738
Kelem Wollega	397,352	78,589	-	22,707	-	99,528	165,576
Horo Guduru Wollega	421,103	76,575	25,417	43,847	29,028	133,332	112,905
Buno Bedele	179,192	26,159	5,349	11,748	5,058	52,226	78,652
East Bale	95,206	19,492	5,823	5,941	10,392	16,718	36,840

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somalie</b>	<b>318,437</b>	<b>50,949</b>	<b>26,517</b>	<b>37,870</b>	<b>32,176</b>	<b>81,362</b>	<b>89,562</b>
Siti	14,062	2,085	1,391	-	-	2,782	4,626
Fafan	22,894	4,427	1,654	2,435	2,652	5,463	6,264
Jerer	*	*	*	*	*	*	*
Erer	*	*	*	*	*	*	*
Korahe	-	-	*	*	-	*	-
Shebele	113,264	9,172	17,131	26,789	10,121	-	12,643
Dollo	*	*	*	*	*	*	*
Afder	-	-	-	-	-	-	-
Liben	123,690	27,726	-	5,058	12,651	29,592	46,402
Nogob	*	*	*	*	*	*	*
Dawa	17,963	2,877	-	1,617	1,307	3,665	5,539
<b>Benishangul Gumuz</b>	<b>1,110,430</b>	<b>116,996</b>	<b>87,587</b>	<b>141,331</b>	<b>41,330</b>	<b>494,273</b>	<b>228,913</b>
Assosa	452,117	49,888	28,116	67,251	13,985	195,929	96,949
Metekel	370,465	34,875	34,457	35,603	-	175,780	74,610
Kemashi	255,098	28,106	23,672	34,548	-	108,112	49,644
Mao Ena Komo	32,750	4,128	1,342	3,929	1,188	14,453	7,711
<b>SNNP</b>	<b>5,284,885</b>	<b>713,924</b>	<b>248,756</b>	<b>532,827</b>	<b>270,503</b>	<b>1,703,140</b>	<b>1,815,735</b>
Gurage	308,598	47,700	13,951	25,421	30,129	70,957	120,441
Hadiya	758,757	82,035	17,471	69,130	14,177	337,840	238,104
Kembata Tembaro	206,695	23,125	3,538	18,113	19,140	78,320	64,458
Gedo	84,026	13,598	2,946	7,994	3,397	8,037	48,055
Welayta	657,482	78,567	48,228	76,910	42,949	200,178	210,650
South Omo	389,353	63,820	23,640	44,165	24,449	137,402	95,878
Sheka	99,367	15,820	4,320	-	-	16,873	51,452
Kefa	546,440	75,789	16,346	50,158	22,879	162,482	218,786
Gamo Gofa	608,298	88,134	38,442	62,643	13,926	184,258	220,895
Bench Maji	263,641	35,714	18,125	37,162	11,848	69,605	91,188
Yem Special	52,874	7,203	-	-	758	10,181	27,551
Segen Peoples'	318,076	53,922	24,381	28,578	36,915	75,716	98,564
Alaba Special	197,043	19,850	7,649	21,077	7,553	84,412	56,502
Dawro	196,702	34,038	12,566	26,651	11,316	47,555	64,577
Basketo Special	37,698	4,972	1,943	4,674	3,116	12,133	10,861
Konta Special	98,002	18,255	2,476	10,425	6,195	29,821	30,830
Silite	461,833	51,384	10,787	34,854	20,495	177,370	166,943
<b>Sidama</b>	<b>1,495,272</b>	<b>160,571</b>	<b>52,766</b>	<b>118,046</b>	<b>73,612</b>	<b>498,255</b>	<b>592,023</b>
<b>Gambela</b>	<b>298,830</b>	<b>47,948</b>	<b>28,964</b>	<b>40,655</b>	<b>18,997</b>	<b>93,538</b>	<b>68,727</b>
Angewak	60,294	7,758	5,511	7,275	2,820	22,592	14,338
Newer	160,955	30,241	16,274	23,832	10,913	45,395	34,300
Mejenger	43,972	4,879	3,308	5,134	-	17,352	11,330
Itang Special	33,608	5,069	3,872	4,414	3,295	8,200	8,759
<b>Hareri</b>	<b>122,880</b>	<b>21,365</b>	<b>5,022</b>	<b>15,672</b>	<b>9,549</b>	<b>31,189</b>	<b>40,083</b>
<b>Dire Dawa</b>	<b>99,356</b>	<b>14,512</b>	<b>3,115</b>	<b>10,915</b>	<b>6,156</b>	<b>15,555</b>	<b>49,102</b>

### c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
National	6,857,718	821,296	586,982	1,110,802	292,433	1,163,169	2,883,037
Tigray	718,703	56,773	47,946	104,128	45,758	225,059	239,038
North West Tigray	226,245	12,834	-	38,906	17,808	88,871	50,447
Central Tigray	200,924	14,416	9,258	18,690	17,089	-	64,718
Eastern Tigray	182,879	16,051	15,099	36,405	3,737	34,544	77,043
Southern Tigray	10,474	-	-	-	-	-	-
Western Tigray	61,563	7,821	*	-	4,193	16,938	23,946
South Western Tigray	36,617	-	-	-	-	5,260	18,406
Afar	-	-	-	-	-	*	-
Zone_1 (Awsiresu)	-	*	*	*	*	*	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	*	-
Zone_3 (Gebiresu)	-	*	*	*	*	*	-
Zone_4 (Fentiresu)	*	*	*	*	*	*	*
Zone_5 (Hariresu)	*	*	*	*	*	*	*
Amhara	1,622,113	152,544	86,177	239,066	49,738	376,417	718,171
North Gonder	28,560	-	-	-	-	-	9,381
South Gonder	106,363	9,998	-	16,879	-	-	38,274
North Wello	104,284	-	*	-	-	-	82,156
South Wello	370,325	50,714	27,259	94,486	6,612	27,542	163,713
North Shewa	367,761	34,748	-	13,245	20,719	-	225,450
East Gojjam	68,314	7,515	-	20,771	-	-	34,472
West Gojjam	193,526	15,002	-	16,211	-	83,909	64,375
Waghimra	33,830	-	*	-	-	-	20,130
Awi	59,297	4,193	5,441	-	2,172	26,397	17,896
Oromiya Special Zone	39,089	5,763	-	22,803	*	-	6,929
Central Gonder	222,079	13,972	15,202	22,011	-	118,572	50,358
West Gonder	28,685	2,632	3,194	4,207	-	12,492	5,037
<b>Oromiya</b>	<b>2,784,522</b>	<b>418,848</b>	<b>252,438</b>	<b>428,077</b>	<b>128,546</b>	<b>325,841</b>	<b>1,230,772</b>
West Wollega	223,285	47,986	43,392	44,840	*	*	62,879
East Wollega	113,655	18,234	20,573	21,366	*	*	44,875
Ilu Ababor	201,787	38,582	16,698	44,390	11,978	9,210	80,929
Jimma	267,561	36,850	19,103	52,115	16,359	36,790	106,344
West Shewa	428,338	61,995	-	77,579	17,781	86,946	155,773
North Shewa	154,676	13,546	11,235	17,569	-	24,788	82,618
East Shewa	170,747	27,674	-	27,872	9,841	15,109	81,021
Arsi	280,440	42,208	15,836	17,263	-	-	180,131
West Hararghe	44,296	-	-	-	-	*	21,334
East Hararge	60,521	-	*	-	-	*	30,305
Bale	36,593	2,622	*	7,915	-	-	15,076
Borena	-	-	*	*	*	*	*
South West Shewa	289,166	43,968	34,616	47,070	12,236	51,073	100,203
Guji	22,568	-	*	*	*	*	-
West Guji	30,583	-	-	*	-	-	10,773
Oromiya Special Zone	201,426	14,802	29,595	25,206	19,376	15,124	97,322
West Arsi	93,750	11,228	-	-	-	-	53,166
Kelem Wollega	69,851	-	*	*	*	*	46,461
Horo Guduru Wollega	40,378	3,246	*	-	2,305	-	21,088
Buno Bedele	43,502	6,664	*	7,062	2,194	-	25,553
East Bale	-	-	-	*	-	-	-

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somalie</b>	-	*	*	*	*	*	-
Siti	-	*	*	*	*	*	-
Fafan	*	*	*	*	*	*	*
Jerer	*	*	*	*	*	*	*
Erer	*	*	*	*	*	*	*
Korahe	*	*	*	*	*	*	*
Shebele	*	*	*	*	*	*	*
Dollo	*	*	*	*	*	*	*
Afder	*	*	*	*	*	*	*
Liben	*	*	*	*	*	*	*
Nogob	*	*	*	*	*	*	*
Dawa	*	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	-	-	-	-	-	-	<b>4,271</b>
Assosa	5,901	-	-	-	-	1,551	-
Metekel	-	-	*	-	*	*	3,420
Kemashi	-	-	-	-	*	*	-
Mao Ena Komo	-	-	-	-	-	-	-
<b>SNNP</b>	<b>1,473,272</b>	<b>173,220</b>	<b>147,170</b>	<b>282,528</b>	<b>62,103</b>	<b>206,489</b>	<b>601,762</b>
Gurage	203,451	19,087	16,105	43,255	10,576	-	105,751
Hadiya	116,589	8,091	8,722	13,979	-	-	39,213
Kembata Tembaro	84,512	8,746	10,130	13,683	3,825	12,879	35,249
Gedeo	41,904	6,473	-	-	-	4,384	16,303
Welayta	49,431	4,254	-	4,684	-	-	29,697
South Omo	89,158	16,549	9,151	19,438	5,137	5,117	33,766
Sheka	-	-	-	-	-	-	-
Kefa	73,591	10,821	2,952	10,466	-	-	31,291
Gamo Gofa	326,519	29,311	46,446	83,680	10,303	38,851	117,928
Bench Maji	27,149	6,276	-	4,767	*	-	12,207
Yem Special	2,358	-	-	-	-	*	1,849
Segen Peoples'	194,290	41,798	18,044	25,557	18,591	28,464	61,836
Alaba Special	24,823	2,248	3,884	5,598	*	1,351	11,535
Dawro	8,616	-	-	1,817	-	*	4,797
Basketo Special	16,448	3,184	1,125	1,798	-	4,387	5,389
Konta Special	8,334	2,408	627	1,041	-	*	3,930
Silite	169,452	9,257	15,255	33,340	*	28,651	77,539
<b>Sidama</b>	<b>207,867</b>	<b>12,852</b>	*	-	-	-	<b>77,999</b>
<b>Gambela</b>	<b>11,224</b>	<b>1,666</b>	<b>1,132</b>	<b>2,743</b>	-	<b>1,448</b>	<b>4,212</b>
Angewak	469	197	*	-	-	*	201
Newer	*	*	*	*	*	*	*
Mejenger	6,915	-	427	2,157	-	471	3,150
Itang Special	*	*	*	*	*	*	*
<b>Hareri</b>	-	-	*	*	*	*	-
<b>Dire Dawa</b>	<b>8,195</b>	-	*	-	-	-	<b>4,703</b>

#### d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>National</b>	<b>5,194,345</b>	<b>398,452</b>	<b>316,885</b>	<b>675,687</b>	<b>205,449</b>	-	<b>2,353,446</b>
<b>Tigray</b>	<b>1,365,008</b>	<b>101,192</b>	<b>66,855</b>	<b>206,435</b>	<b>65,200</b>	<b>277,134</b>	<b>648,191</b>
North West Tigray	140,570	6,900	-	-	-	-	106,018
Central Tigray	308,015	17,209	14,417	28,249	18,627	-	106,547
Eastern Tigray	521,867	46,671	35,122	-	18,292	86,769	237,567
Southern Tigray	65,149	8,098	1,948	18,321	6,640	4,178	25,963
Western Tigray	15,608	-	-	-	-	-	10,359
South Western Tigray	313,798	19,459	14,130	53,947	9,517	55,009	161,736
<b>Afar</b>	-	-	-	-	*	*	-
Zone_1 (Awsiresu)	*	*	*	*	*	*	*
Zone_2 (Kelbetiresu)	-	-	-	-	*	*	-
Zone_3 (Gebiresu)	-	*	*	-	*	*	-
Zone_4 (Fentiresu)	*	*	*	*	*	*	*
Zone_5 (Hariesu)	*	*	*	*	*	*	*
<b>Amhara</b>	<b>1,130,720</b>	<b>58,671</b>	<b>117,878</b>	<b>178,210</b>	<b>39,988</b>	<b>68,396</b>	<b>667,578</b>
North Gonder	61,006	6,499	-	-	-	-	38,185
South Gonder	165,007	-	24,327	16,685	3,869	-	101,407
North Wello	38,020	-	-	-	-	*	-
South Wello	68,401	-	-	-	-	-	-
North Shewa	207,763	13,217	-	-	-	-	95,265
East Gojjam	135,068	4,207	*	9,504	-	-	107,540
West Gojjam	134,018	4,085	-	21,958	7,810	-	95,313
Waghimra	17,606	-	*	-	-	-	-
Awi	81,875	-	-	-	-	-	40,348
Oromiya Special Zone	(	-	-	-	-	-	-
Central Gonder	148,861	7,687	-	21,316	-	16,692	89,588
West Gonder	10,336	2,434	-	-	-	-	5,390
<b>Oromiya</b>	<b>1,473,019</b>	<b>167,326</b>	<b>99,400</b>	<b>186,341</b>	<b>69,617</b>	<b>118,207</b>	<b>832,129</b>
West Wollega	-	-	-	-	-	-	-
East Wollega	-	-	-	-	-	-	-
Ilu Ababor	117,712	30,401	9,187	18,121	13,861	9,032	37,110
Jimma	30,173	7,796	-	7,790	-	-	-
West Shewa	104,665	-	-	-	-	-	39,189
North Shewa	155,789	5,262	31,244	34,310	-	-	63,208
East Shewa	74,908	-	-	-	-	-	30,889
Arsi	286,755	29,973	-	-	12,934	-	208,983
West Hararghe	57,107	9,149	-	-	-	-	33,700
East Hararge	113,574	-	-	-	7,786	-	81,151
Bale	34,531	-	-	-	-	6,113	-
Borena	*	*	*	*	*	*	*
South West Shewa	161,959	18,008	-	28,847	-	-	61,319
Guji	-	-	*	-	*	*	-
West Guji	30,241	-	-	-	-	-	20,856
Oromiya Special Zone	-	8,295	-	-	1,327	-	-
West Arsi	51,885	-	-	-	-	-	31,541
Kelem Wollega	-	-	*	-	-	-	-
Horo Guduru Wollega	10,893	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	*	-
East Bale	-	-	-	-	-	*	6,938

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somalie</b>	*	*	*	*	*	*	*
Siti	*	*	*	*	*	*	*
Fafan	*	*	*	*	*	*	*
Jerer	*	*	*	*	*	*	*
Erer	*	*	*	*	*	*	*
Korahe	*	*	*	*	*	*	*
Shebele	*	*	*	*	*	*	*
Dollo	*	*	*	*	*	*	*
Afder	*	*	*	*	*	*	*
Liben	*	*	*	*	*	*	*
Nogob	*	*	*	*	*	*	*
Dawa	*	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	<b>22,861</b>	<b>3,411</b>	<b>3,853</b>	<b>5,817</b>	<b>656</b>	-	<b>7,452</b>
Assosa	7,210	806	-	-	437	-	-
Metekel	4,995	-	-	-	*	-	3,492
Kemashi	-	-	*	*	*	*	*
Mao Ena Komo	5,780	-	1,113	1,794	219	474	721
<b>SNNP</b>	-	<b>50,384</b>	<b>28,439</b>	<b>69,683</b>	<b>14,485</b>	-	<b>129,225</b>
Gurage	30,146	-	-	-	-	-	17,937
Hadiya	-	-	-	-	*	-	-
Kembata Tembaro	-	-	-	-	-	-	-
Gedeo	10,389	-	-	-	-	-	4,052
Welayta	-	-	-	-	6,481	-	-
South Omo	-	-	-	-	-	-	-
Sheka	48,840	9,104	-	-	-	-	17,216
Kefa	90,625	14,394	9,578	25,378	-	-	39,356
Gamo Gofa	-	-	-	-	-	-	-
Bench Maji	20,141	4,670	-	-	*	-	7,619
Yem Special	1,049	-	-	-	*	*	497
Segen People's	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-
Dawro	5,795	1,293	-	-	2,057	-	2,094
Basketo Special	-	-	-	-	-	-	-
Konta Special	-	-	-	-	-	-	-
Silite	-	-	-	-	-	-	-
<b>Sidama</b>	<b>121,702</b>	<b>15,419</b>	-	-	-	-	<b>50,254</b>
<b>Gambela</b>	<b>4,626</b>	-	-	-	<b>669</b>	-	<b>2,123</b>
Angewak	-	-	-	*	*	*	-
Newer	*	*	*	*	*	*	*
Mejenger	4,178	-	-	652	*	-	1,891
Itang Special	-	-	-	-	-	-	-
Hareri	-	-	-	-	*	*	-
<b>Dire Dawa</b>	<b>14,778</b>	<b>400</b>	-	<b>1,410</b>	-	-	<b>12,576</b>

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

Total annual honey production

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Avg. frequency of 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
National	6,986,100	1.66	6,699,219	1.65	8	124,791,32			183,924	1.74	3,589,692
Tigray	343,243	1.61	257,282	1.6	2,962,027	*	*	*	75,109	1.6	1,777,219
North West Tigray	84,520	1.35	73,997	1.31	811,436	-	-	-	10,523	1.61	143,897
Central Tigray	74,152	1.41	48,871	1.35	613,295	*	*	*	17,675	1.39	*
Eastern Tigray	78,612	1.74	41,598	1.73	319,186	*	*	*	35,044	1.73	*
Southern Tigray	27,759	1.89	23,719	1.86	152,189	*	*	*	*	*	*
Western Tigray	38,516	2.27	34,248	2.31	757,281	*	*	*	*	*	*
South Western Tigray	39,684	1.81	34,850	1.85	308,640	*	*	*	4,511	1.64	72,846
Afar	19,488	2.42	18,996	2.4	342,314	-	-	-	*	*	*
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	18,689	2.47	18,197	2.46	326,163	-	-	-	*	*	*
Zone_3 (Gebiresu)	*	*	*	*	*	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-	-	-
Amhara	1,380,048	1.65	1,320,879	1.64	18,121,898	19,835	1.62	74,372	39,334	1.76	657,962
North Gonder	96,205	1.77	90,637	1.76	1,202,274	-	-	-	*	*	*
South Gonder	193,675	1.76	180,814	1.77	2,856,026	*	*	*	*	*	61,322
North Wello	48,456	1.59	43,623	1.55	600,669	*	*	9,718	*	*	*
South Wello	156,088	1.63	153,591	1.62	1,535,152	*	*	*	*	*	*
North Shewa	74778	2	73359	2	843189	*	-	-	*	*	*
East Gojjam	105,847	1.46	98,265	1.48	1,145,609	*	*	*	*	*	*
West Gojjam	281,155	1.47	271,796	1.46	3,874,544	5,698	1.64	11,307	3,661	2	263,603
Waghimra	135,226	1.52	129,110	1.51	1,584,486	*	*	*	*	*	*
Awj	85,135	1.63	82,573	1.61	1,019,321	*	*	*	*	*	*
Oromiya Special Zone	7043	2	6785	1	49682	*	*	*	*	*	*
Central Gonder	168,600	1.83	162,486	1.82	2,875,539	-	-	-	*	*	*
West Gonder	27,840	2.06	27,840	2.06	535,407	-	-	-	-	-	-
Oromiya	3,770,056	1.61	3,682,353	1.61	62,289,223	*	1.75	344,509	47,899	1.7	673,076
West Wollega	386,555	1	386,555	1	3,006,909	-	-	-	-	-	-
East Wollega	220,176	1.14	219,047	1.14	2,491,964	*	*	-	*	*	*
Ilu Ababor	770,492	1.3	764,929	1.29	11,504,591	*	*	*	*	*	*
Jimma	532,728	1.56	501,810	1.6	*	*	*	*	*	*	*
West Shewa	167,441	1.6	160,801	1.54	2,250,007	5,321	2.67	85,789	1,319	3	39,559
North Shewa	67019	2	66138	2	1525544	-	-	-	*	*	*
East Shewa	11,557	1.78	8,084	1.72	*	*	*	*	*	*	*
Arsi	94,155	1.71	87,365	1.68	1,416,767	*	*	*	6,028	2	87,144
West Hararghe	106,819	2.07	106,335	2.07	2,347,299	*	*	*	-	-	-
East Hararge	75,029	1.7	72,528	1.7	1,148,638	*	*	*	*	*	*
Bale	225,847	1.72	225,847	1.72	4,279,042	-	-	-	-	-	-
Borena	*	2.08	*	1.99	*	*	*	*	*	*	*
South West Shewa	61,655	1.94	56,372	1.96	935,701	*	*	*	2,942	*	*
Guji	339,033	1.85	327,585	1.86	7,475,509	*	*	*	8,506	1.61	48,718
West Guji	106,331	1.45	106,331	1.45	1,454,911	-	-	-	-	-	-
Oromiya Special Zone	20128	2	16635	2	191297	*	*	*	*	*	*
West Arsi	32,801	1.79	31,665	1.78	*	*	*	*	-	-	-
Kelem Wollega	168,481	1.25	166,894	1.26	*	-	-	-	*	*	*
Horo Guduru Wollega	118,569	1.28	118,569	1.28	1,968,059	-	-	-	-	-	-
Buno Bedele	77,114	1.53	74,992	1.49	1,024,514	*	*	*	*	*	*
East Bale	93,119	1.9	92,922	1.91	*	*	*	*	-	-	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Avg. frequency of production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
<b>Somalie</b>	<b>167,961</b>	<b>1.69</b>	<b>167,961</b>	<b>1.69</b>	<b>415,847</b>	-	-	-	-	-	-
Siti	-	-	-	-	-	-	-	-	-	-	-
Fafan	*	*	*	*	*	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-	-	-
Erer	39,827	1.84	39,827	1.84	85,738	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-	-	-
Afder	*	*	*	*	*	-	-	-	-	-	-
Liben	115,068	1.68	115,068	1.68	*	-	-	-	-	-	-
Nogob	1,423	1.11	1,423	1.11	2,305	-	-	-	-	-	-
Dawa	10,080	1.65	10,080	1.65	15,817	-	-	-	-	-	-
<b>Benishangul Gumuz</b>	<b>171,775</b>	<b>1.64</b>	<b>168,698</b>	<b>1.63</b>	<b>1,160,869</b>	-	-	-	*	*	*
Assosa	68,009	1.43	64,932	1.39	318,173	-	-	-	*	*	*
Metekel	*	*	*	*	*	-	-	-	-	-	-
Kemashi	*	1.58	*	1.58	*	-	-	-	-	-	-
Mao Ena Komo	42,411	1.62	42,411	1.62	288,420	-	-	-	-	-	-
<b>SNNP</b>	<b>1,003,737</b>	<b>1.8</b>	<b>964,250</b>	<b>1.8</b>	<b>37,476,101</b>	<b>24,004</b>	<b>1.63</b>	<b>106,752</b>	*	<b>1.89</b>	*
Gurage	60,031	2.02	57,869	2.05	320,626	*	*	*	*	*	*
Hadiya	89,306	2.02	89,306	2.02	899,738	-	-	-	-	-	-
Kembata Tembaro	26,924	2.11	26,208	2.11	222,705	*	*	*	-	-	-
Gedeo	37,022	1.43	36,180	1.42	214,690	*	*	*	*	*	*
Welayta	40,400	2.23	29,035	2.11	330,605	*	*	*	*	*	*
South Omo	98,691	2	98,691	2	10,078,220	-	-	-	-	-	-
Sheka	269,788	1.07	256,141	1.03	5,633,087	11,735	1.39	*	*	*	*
Kefa	162,167	1.26	155,616	1.27	11,619,811	6,210	*	*	*	*	*
Gamo Gofa	57,103	2.02	56,299	2.02	1,566,109	-	-	*	*	*	*
Bench Maji	27,055	1.99	26,092	2.03	3,078,529	*	*	*	*	*	*
Yem Special	*	*	*	*	1,239,259	*	*	*	*	*	*
Segen Special	21,177	1.49	21,177	1.49	762,834	-	-	-	-	-	-
Alaba Special	15,072	1.84	14,398	1.88	176,416	*	*	*	*	*	*
Dawro	13,442	2.15	13,106	2.18	118,941	-	-	*	*	*	*
Basketo Special	4,080	1.9	4,080	1.9	*	-	-	-	-	-	-
Konta Special	9,773	1.62	9,406	1.65	440,187	*	*	*	-	-	-
Silite	49,231	2.13	48,228	2.1	455,792	*	*	*	*	*	*
<b>Sidama</b>	<b>44,364</b>	<b>2.02</b>	<b>33,872</b>	<b>1.94</b>	<b>314,020</b>	*	*	*	*	*	*
<b>Gambela</b>	<b>77,902</b>	<b>2.56</b>	<b>77,636</b>	<b>2.56</b>	<b>1,670,405</b>	*	*	*	*	*	*
Angewak	*	2.53	*	*	*	*	*	*	-	-	-
Newer	-	-	-	-	-	-	-	-	-	-	-
Mejenger	61,756	2.57	61,684	2.56	1,342,410	-	-	-	*	*	*
Itang Special	*	*	*	*	*	*	*	*	-	-	-
<b>Hareri</b>	<b>4,360</b>	<b>1.69</b>	<b>4,258</b>	<b>1.73</b>	<b>26,876</b>	-	-	-	*	*	*
<b>Dire Dawa</b>	<b>3,167</b>	<b>1.81</b>	<b>3,034</b>	<b>1.77</b>	<b>11,749</b>	*	*	*	-	-	-

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

**a. Cattle**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>13,117,389</b>	<b>6,077,716</b>	<b>7,039,672</b>	<b>4,163,037</b>	<b>2,593,827</b>	<b>1,569,211</b>	<b>654,981</b>	<b>293,536</b>	<b>361,445</b>
<b>Tigray</b>	<b>812,670</b>	<b>374,341</b>	<b>438,330</b>	<b>249,199</b>	<b>181,353</b>	<b>67,846</b>	<b>16,883</b>	<b>7,946</b>	<b>8,936</b>
North West Tigray	314,178	147,327	166,851	25,602	20,438	5,163	*	*	*
Central Tigray	96,802	41,812	54,990	83,510	58,578	24,932	6,219	*	3,692
Eastern Tigray	64,172	31,728	32,443	37,095	27,133	9,962	*	*	*
Southern Tigray	61,218	32,402	28,816	23,128	18,018	5,110	*	*	*
Western Tigray	189,736	75,751	113,985	13,352	8,575	4,777	*	*	*
South Western Tigray	86,565	45,321	41,244	66,512	48,611	17,902	-	-	-
<b>Afar</b>	<b>594,659</b>	<b>236,988</b>	<b>357,671</b>	<b>8,518</b>	*	<b>6,822</b>	<b>135</b>	-	<b>135</b>
Zone_1 (Awsiresu)	272,084	102,178	169,906	*	*	*	-	-	-
Zone_2 (Kelbetiresu)	18,569	8,180	10,389	-	-	-	-	-	-
Zone_3 (Gebiresu)	184,298	78,502	105,796	2,609	*	1,837	-	-	-
Zone_4 (Fentiresu)	35,380	12,770	22,611	-	-	-	-	-	-
Zone_5 (Hariresu)	84,328	35,359	48,968	493	127	366	135	-	135
<b>Amhara</b>	<b>2,523,093</b>	<b>1,238,530</b>	<b>1,284,563</b>	<b>1,247,263</b>	<b>863,599</b>	<b>383,664</b>	<b>64,954</b>	<b>29,919</b>	<b>35,035</b>
North Gonder	134,156	68,991	65,165	36,353	24,403	11,950	4,428	2,892	*
South Gonder	270,982	149,469	121,513	140,278	89,684	50,593	11,341	*	6,022
North Wello	153,324	75,212	78,113	78,096	56,540	21,556	2,022	-	2,022
South Wello	328,122	156,929	171,193	184,214	130,699	53,514	10,497	3,500	6,998
North Shewa	193,680	89,405	104,275	137,471	105,681	31,790	13,733	*	5,238
East Gojjam	233,624	119,338	114,286	168,423	120,134	48,289	*	*	-
West Gojjam	413,540	195,616	217,924	256,401	176,343	80,058	*	*	*
Waghimra	57,014	27,739	29,275	16,159	10,930	5,229	1,136	*	*
Awi	165,256	80,302	84,954	82,344	58,154	24,190	3,664	1,521	2,142
Oromiya Special Zone	60,766	35,230	25,536	20,733	13,788	6,945	4,159	*	3,094
Central Gonder	424,245	201,044	223,201	118,547	72,070	46,477	6,994	3,493	*
West Gonder	88,383	39,256	49,127	8,244	5,171	3,073	*	*	*
<b>Oromiya</b>	<b>4,387,832</b>	<b>2,115,873</b>	<b>2,271,959</b>	<b>1,608,667</b>	<b>1,021,576</b>	<b>587,091</b>	<b>378,332</b>	<b>169,573</b>	<b>208,759</b>
West Wollega	196,363	94,580	101,783	80,492	46,701	33,791	*	*	*
East Wollega	181,129	89,997	91,132	63,378	44,317	19,061	*	*	*
Ilu Ababor	183,724	96,519	87,205	83,627	48,961	34,666	35,447	14,183	*
Jimma	436,908	205,634	231,274	184,848	111,502	73,346	125,493	60,674	64,819
West Shewa	378,345	183,978	194,367	160,084	101,029	59,055	17,282	*	8,892
North Shewa	169,662	83,716	85,946	84,878	60,382	24,496	*	*	*
East Shewa	133,433	66,188	67,244	63,320	42,819	20,501	*	*	*
Arsi	472,453	225,609	246,844	162,078	111,986	50,092	14,396	*	8,050
West Hararghe	224,366	106,522	117,844	127,013	81,459	45,554	13,437	*	8,666
East Hararge	240,571	133,085	107,485	73,918	35,881	38,037	26,791	6,164	20,626
Bale	212,529	104,841	107,688	44,592	28,328	16,265	6,338	2,454	3,884
Borena	118,752	52,036	66,717	18,120	8,879	*	4,771	*	*
South West Shewa	130,288	64,349	65,939	74,184	43,072	31,112	21,931	12,979	8,952
Guji	263,259	125,227	138,033	47,292	26,176	21,116	-	-	-
West Guji	115,301	51,564	63,737	25,250	15,153	10,097	*	-	*
Oromiya Special Zone	148,182	74,150	74,032	88,472	62,724	25,749	12,081	6,148	5,933
West Arsi	406,945	174,912	232,033	84,885	54,482	30,403	5,762	*	3,634
Kelem Wollega	68,938	30,426	38,512	58,605	46,310	12,295	-	-	-
Horo Guduru Wollega	119,093	58,905	60,188	37,571	17,468	20,102	*	*	*
Buno Bedele	89,107	44,243	44,864	21,644	15,357	6,287	5,263	2,780	2,483
East Bale	98,485	49,393	49,092	24,416	18,591	5,825	*	*	*

TABLE 3-19 - a CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>2,031,963</b>	<b>782,366</b>	<b>1,249,597</b>	<b>40,252</b>	<b>20,312</b>	<b>19,941</b>	<b>17,286</b>	<b>7,438</b>	<b>9,848</b>
Siti	17,963	9,234	8,729	2,151	476	1,675	1,321	*	897
Fafan	105,665	50,741	54,923	*	*	-	861	*	*
Jerer	222,554	81,141	141,413	14,643	9,240	5,403	*	*	*
Erer	183,661	74,771	108,890	-	-	-	*	*	*
Korahe	113,519	37,810	75,708	*	*	*	1,217	*	842
Shebele	275,580	114,831	160,749	9,547	4,656	4,891	*	*	*
Dollo	247,583	76,549	171,033	3,133	1,067	2,065	*	*	*
Afder	236,224	94,872	141,352	4,136	1,830	2,306	*	*	*
Liben	357,622	144,904	212,718	*	*	*	*	1,690	*
Nogob	217,504	76,393	141,111	*	*	*	3,560	1,958	1,602
Dawa	54,090	21,120	32,970	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	<b>106,990</b>	<b>48,039</b>	<b>58,951</b>	<b>51,866</b>	<b>21,408</b>	<b>30,458</b>	*	*	*
Assosa	16,379	7,868	8,510	14,659	5,932	8,727	*	-	*
Metekel	77,461	34,305	43,156	28,111	12,061	16,050	*	*	*
Kemashi	10,514	4,707	5,808	7,357	*	4,591	-	-	-
Mao Ena Komo	2,636	1,159	1,477	1,740	649	1,091	*	*	*
<b>SNNP</b>	<b>1,990,909</b>	<b>965,706</b>	<b>1,025,203</b>	<b>796,474</b>	<b>448,379</b>	<b>348,095</b>	<b>168,166</b>	<b>75,932</b>	<b>92,234</b>
Gurage	201,820	99,978	101,842	74,966	41,780	33,187	20,730	8,544	12,187
Hadiya	181,539	78,228	103,311	67,543	37,159	30,384	17,316	7,798	9,517
Kembata Tembaro	85,916	31,996	53,920	25,181	14,227	10,954	8,563	2,843	5,721
Gedeo	15,896	9,595	6,301	31,638	23,760	7,878	*	*	*
Welayta	188,131	98,086	90,045	133,780	70,066	63,713	7,224	3,533	3,691
South Omo	411,142	205,801	205,341	25,568	14,024	11,545	15,654	6,613	9,042
Sheka	60,275	36,597	23,678	20,239	*	9,815	-	-	-
Kefa	194,497	95,744	98,753	107,612	69,235	38,376	23,869	8,403	15,466
Gamo Gofa	288,469	130,465	158,004	124,777	68,170	56,607	30,283	12,242	18,041
Bench Maji	64,315	32,910	31,405	27,110	13,543	13,568	9,051	*	5,649
Yem Special	12,602	5,758	*	4,521	2,494	2,026	923	337	585
Segen Peoples'	60,338	32,823	27,516	35,294	16,054	19,240	4,790	3,463	1,327
Alaba Special	33,229	14,613	18,617	12,633	5,992	6,641	6,006	3,640	2,366
Dawro	50,981	26,428	24,554	35,131	18,095	17,036	*	*	*
Basketo Special	9,043	4,456	4,587	5,765	2,993	2,772	2,492	973	1,518
Konta Special	18,460	8,806	9,654	14,311	8,784	5,527	*	*	*
Silite	114,255	53,421	60,833	50,406	31,579	18,827	15,893	11,167	4,727
<b>Sidama</b>	<b>571,703</b>	<b>273,241</b>	<b>298,462</b>	<b>142,883</b>	<b>28,587</b>	<b>114,296</b>	*	*	*
<b>Gambela</b>	<b>60,647</b>	<b>25,188</b>	<b>35,459</b>	<b>8,990</b>	<b>3,156</b>	<b>5,835</b>	<b>2,606</b>	<b>461</b>	*
Angewak	3,093	1,546	1,547	654	312	343	*	*	-
Newer	47,934	19,431	28,503	5,699	2,129	3,570	*	*	*
Mejenger	6,506	2,912	3,594	2,481	664	1,817	*	*	*
Itang Special	3,114	1,299	1,815	156	*	105	137	*	118
Hareri	16,134	6,488	9,646	6,544	2,354	4,190	630	*	434
Dire Dawa	20,789	10,958	9,831	2,380	1,406	974	719	*	506

**b. Sheep**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>16,718,622</b>	<b>7,483,948</b>	<b>9,234,673</b>	<b>4,640,683</b>	<b>2,422,327</b>	<b>2,218,356</b>	<b>533,803</b>	<b>140,553</b>	<b>393,251</b>
<b>Tigray</b>	<b>665,385</b>	<b>287,339</b>	<b>378,046</b>	<b>270,162</b>	<b>137,300</b>	<b>132,861</b>	<b>10,288</b>	<b>4,637</b>	<b>5,651</b>
North West Tigray	124,165	44,593	79,572	15,583	*	*	*	-	*
Central Tigray	174,708	70,051	104,657	60,498	17,840	42,658	*	*	*
Eastern Tigray	210,746	103,450	107,296	70,639	31,420	39,219	*	*	*
Southern Tigray	53,869	24,015	29,854	46,805	31,920	14,885	*	*	*
Western Tigray	*	*	*	*	*	*	-	-	-
South Western Tigray	76,081	35,871	40,211	68,022	47,048	20,974	*	*	*
<b>Afar</b>	<b>1,671,867</b>	<b>687,332</b>	<b>984,535</b>	<b>31,208</b>	<b>18,098</b>	<b>13,110</b>	<b>5,200</b>	*	<b>3,867</b>
Zone_1 (Awsiresu)	785,878	317,966	467,911	22,809	*	8,912	*	*	*
Zone_2 (Kelbetiresu)	156,960	68,516	88,444	*	*	*	*	*	*
Zone_3 (Gebiresu)	407,339	170,535	236,804	4,915	3,108	*	-	-	-
Zone_4 (Fentiresu)	124,357	47,327	77,030	*	*	*	*	-	*
Zone_5 (Hariresu)	197,334	82,989	114,346	807	427	379	1,146	135	1,011
<b>Amhara</b>	<b>4,798,228</b>	<b>2,329,666</b>	<b>2,468,562</b>	<b>1,940,814</b>	<b>1,015,271</b>	<b>925,543</b>	<b>159,907</b>	<b>32,831</b>	<b>127,076</b>
North Gonder	219,509	102,228	117,281	126,658	70,197	56,462	16,545	*	13,489
South Gonder	665,913	334,922	330,992	208,475	109,387	99,088	*	*	*
North Wello	416,825	185,499	231,325	103,571	49,874	53,698	23,722	*	20,906
South Wello	611,039	292,160	318,880	320,296	139,011	181,285	29,878	*	26,424
North Shewa	699,047	328,410	370,636	170,574	108,101	62,473	26,691	9,382	17,309
East Gojjam	579,858	268,995	310,863	219,170	111,155	108,015	14,314	*	12,661
West Gojjam	797,579	401,255	396,324	357,901	170,163	187,738	23,602	*	16,100
Waghimra	74,191	33,855	40,336	14,767	3,594	11,172	*	-	*
Awi	268,422	141,484	126,937	146,408	88,598	57,810	14,280	*	11,054
Oromiya Special Zone	12,636	6,810	5,826	*	*	*	-	-	-
Central Gonder	438,085	227,472	210,614	214,198	126,545	87,652	*	-	*
West Gonder	15,124	6,576	8,547	5,123	*	1,392	*	*	-
<b>Oromiya</b>	<b>3,804,823</b>	<b>1,822,307</b>	<b>1,982,515</b>	<b>1,590,940</b>	<b>923,987</b>	<b>666,953</b>	<b>213,762</b>	<b>41,360</b>	<b>172,403</b>
West Wollega	207,427	115,176	92,250	48,139	15,149	32,990	14,033	*	11,319
East Wollega	119,809	59,061	60,748	40,479	*	14,403	*	*	*
Ilu Ababor	132,613	67,912	64,701	66,598	24,821	41,777	*	-	*
Jimma	350,511	165,064	185,446	133,779	66,626	67,154	49,958	*	42,383
West Shewa	452,897	212,893	240,004	143,948	66,496	77,452	15,925	-	15,925
North Shewa	420,349	197,880	222,469	216,008	128,414	87,594	*	*	*
East Shewa	150,375	76,836	73,539	59,695	39,145	20,550	*	-	*
Arsi	478,181	234,123	244,059	165,599	100,576	65,023	*	-	*
West Hararghe	60,548	29,634	30,914	12,711	5,163	7,548	*	-	*
East Hararge	109,626	53,715	55,911	45,373	25,979	19,394	13,326	-	13,326
Bale	69,107	38,408	30,699	13,134	4,527	8,607	-	-	-
Borena	124,799	56,108	68,691	28,800	13,486	15,314	5,367	1,684	*
South West Shewa	100,477	49,452	51,025	79,606	54,933	24,673	5,628	*	2,432
Guji	183,961	85,198	98,763	44,661	18,906	25,755	*	-	*
West Guji	56,409	26,992	29,418	27,907	8,452	19,455	-	-	-
Oromiya Special Zone	208,231	97,879	110,352	117,279	85,893	31,386	*	*	5,522
West Arsi	391,827	163,183	228,644	65,006	16,631	48,375	*	*	*
Kelem Wollega	36,029	*	20,323	*	*	40,502	-	-	-
Horo Guduru Wollega	74,696	38,641	36,055	14,959	7,180	7,779	*	-	*
Buno Bedele	46,303	24,538	21,766	12,898	4,850	8,048	3,020	*	2,875
East Bale	30,649	13,912	16,737	*	*	*	-	-	-

TABLE 3-19 - b CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>4,200,942</b>	<b>1,581,297</b>	<b>2,619,645</b>	<b>128,676</b>	<b>58,880</b>	<b>69,796</b>	<b>52,347</b>	<b>26,081</b>	<b>26,265</b>
Siti	45,123	21,650	23,474	4,704	1,523	3,181	2,067	*	1,733
Fafan	175,152	81,608	93,544	3,179	2,082	*	907	680	*
Jerer	829,300	306,852	522,448	44,483	19,193	25,290	*	*	2,087
Erer	265,658	101,167	164,491	*	*	-	*	*	*
Korahe	349,144	115,806	233,337	5,356	3,550	1,806	7,484	2,579	4,904
Shebele	434,065	157,627	276,438	36,915	20,064	16,851	15,784	7,770	8,014
Dollo	755,464	239,091	516,373	16,835	*	11,382	*	*	*
Afder	415,034	165,723	249,311	4,803	2,027	2,775	*	*	*
Liben	506,397	219,767	286,630	7,525	2,525	4,999	7,153	2,681	4,472
Nogob	360,556	143,482	217,074	3,063	1,738	*	10,804	7,423	3,381
Dawa	65,049	28,523	36,526	*	*	*	*	*	-
<b>Benishangul Gumuz</b>	<b>32,133</b>	<b>15,969</b>	<b>16,164</b>	<b>23,696</b>	<b>11,131</b>	<b>12,564</b>	<b>588</b>	*	*
Assosa	9,078	4,200	4,878	5,400	3,085	2,315	*	*	-
Metekel	12,738	6,481	6,257	14,543	7,308	7,236	-	-	-
Kernashi	7,470	3,756	3,714	2,857	*	2,308	-	-	-
Mao Ena Komo	2,846	1,532	1,314	895	189	705	*	*	*
<b>SNNP</b>	<b>1,349,518</b>	<b>658,777</b>	<b>690,740</b>	<b>557,156</b>	<b>231,146</b>	<b>326,010</b>	<b>69,727</b>	<b>14,509</b>	<b>55,218</b>
Gurage	117,124	61,111	56,014	62,267	28,646	33,621	4,831	*	4,356
Hadiya	61,265	28,420	32,845	37,471	14,872	22,599	4,799	*	3,890
Kembata Tembaro	14,141	4,337	9,803	14,729	9,339	5,390	980	*	*
Gedeo	71,098	34,195	36,903	43,323	12,876	30,447	-	-	-
Welayta	49,248	25,823	23,425	63,413	24,423	38,990	6,132	*	4,021
South Omo	299,068	143,538	155,530	17,613	5,982	11,631	8,194	*	5,306
Sheka	58,494	28,812	29,682	13,999	*	8,334	*	-	*
Kefa	173,914	87,832	86,081	97,407	43,517	53,890	12,683	*	11,404
Gamo Gofa	166,266	76,037	90,229	77,161	31,333	45,827	9,422	2,477	6,945
Bench Maji	61,024	30,198	30,826	26,937	7,543	19,394	5,109	*	4,073
Yem Special	7,239	3,740	3,500	998	163	835	507	*	*
Segen Peoples'	57,960	30,708	27,252	39,809	19,275	20,535	2,521	*	*
Alaba Special	30,356	14,478	15,878	10,766	6,005	4,762	3,373	*	2,954
Dawro	12,279	6,579	5,700	16,719	6,210	10,509	*	-	*
Basketo Special	5,545	2,420	3,125	3,879	*	1,900	*	-	*
Konta Special	4,407	1,681	2,726	4,357	2,989	1,368	*	*	*
Silite	160,090	78,868	81,222	26,307	10,329	15,978	9,828	1,339	8,489
<b>Sidama</b>	<b>135,754</b>	<b>74,952</b>	<b>60,803</b>	<b>91,258</b>	<b>23,039</b>	<b>68,219</b>	*	*	*
<b>Gambela</b>	<b>9,707</b>	<b>4,597</b>	<b>5,110</b>	<b>4,562</b>	<b>2,015</b>	<b>2,547</b>	*	*	*
Angewak	*	*	*	*	*	*	*	*	-
Newer	4,667	2,109	2,558	*	*	*	*	*	*
Mejenger	4,711	2,379	2,332	3,660	1,667	1,993	*	*	*
Itang Special	249	*	167	*	-	*	*	-	*
Hareri	<b>1,756</b>	*	*	*	*	*	*	*	*
Dire Dawa	<b>48,509</b>	<b>21,075</b>	<b>27,433</b>	<b>1,205</b>	<b>815</b>	<b>390</b>	<b>929</b>	*	<b>677</b>

**c. Goats**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>21,144,836</b>	<b>8,906,053</b>	<b>12,066,601</b>	<b>2,987,223</b>	<b>1,285,066</b>	<b>1,702,157</b>	<b>410,276</b>	<b>105,558</b>	<b>304,718</b>
<b>Tigray</b>	<b>1,807,717</b>	<b>795,569</b>	<b>1,012,148</b>	<b>339,250</b>	<b>138,101</b>	<b>201,149</b>	<b>20,592</b>	<b>8,367</b>	<b>12,225</b>
North West Tigray	921,801	425,665	496,136	106,989	33,446	73,543	*	*	*
Central Tigray	345,870	141,805	204,065	67,376	26,257	41,119	*	*	*
Eastern Tigray	68,934	34,892	34,043	20,464	11,109	9,355	*	*	-
Southern Tigray	57,682	26,730	30,952	24,030	11,350	12,680	*	*	-
Western Tigray	297,680	118,200	179,480	53,880	25,858	28,022	*	*	*
South Western Tigray	115,751	48,278	67,473	66,510	30,080	36,430	*	*	*
<b>Afar</b>	<b>3,229,870</b>	<b>1,258,340</b>	<b>1,971,531</b>	<b>36,655</b>	<b>26,161</b>	<b>10,494</b>	<b>18,389</b>	<b>4,375</b>	<b>14,014</b>
Zone_1 (Awsiresu)	1,437,905	542,731	895,174	26,988	*	7,314	*	1,612	*
Zone_2 (Kelbetiresu)	518,664	207,498	311,166	*	*	*	*	*	*
Zone_3 (Gebiresu)	659,532	262,633	396,898	7,504	*	1,525	*	*	*
Zone_4 (Fentiresu)	203,918	74,606	129,312	*	*	*	*	*	*
Zone_5 (Hariresu)	409,852	170,871	238,980	542	261	281	2,410	1,096	1,314
<b>Amhara</b>	<b>3,349,084</b>	<b>1,632,189</b>	<b>1,716,895</b>	<b>881,018</b>	<b>443,539</b>	<b>437,479</b>	<b>78,008</b>	<b>15,701</b>	<b>62,307</b>
North Gonder	341,782	165,972	175,810	25,929	11,592	14,337	15,407	*	12,991
South Gonder	496,132	236,378	259,754	90,363	45,406	44,957	*	*	*
North Wello	270,505	124,079	146,426	54,193	21,146	33,047	*	*	*
South Wello	601,920	304,636	297,283	220,580	92,427	128,153	25,297	6,897	18,400
North Shewa	320,235	146,314	173,920	128,127	94,277	33,851	5,531	*	3,852
East Gojjam	158,285	79,360	78,925	54,310	17,607	36,703	*	*	*
West Gojjam	169,573	85,941	83,632	48,770	37,631	11,139	-	-	-
Waghimra	218,334	102,553	115,781	32,310	8,069	24,241	5,572	*	4,729
Awi	52,086	24,386	27,701	*	*	*	-	-	-
Oromiya Special Zone	80,949	41,732	39,217	53,918	*	29,611	*	*	*
Central Gonder	537,248	273,415	263,833	116,524	53,913	62,611	*	*	*
West Gonder	102,037	47,424	54,613	20,289	10,864	9,426	*	-	*
<b>Oromiya</b>	<b>3,234,119</b>	<b>1,530,621</b>	<b>1,703,497</b>	<b>923,372</b>	<b>374,004</b>	<b>549,369</b>	<b>125,656</b>	<b>30,068</b>	<b>95,589</b>
West Wollega	35,892	23,414	12,478	*	-	*	*	-	*
East Wollega	86,832	38,069	48,763	19,699	*	13,787	*	*	*
Ilu Ababor	62,376	29,280	33,096	30,785	4,186	26,599	*	*	*
Jimma	275,684	132,241	143,443	67,830	16,749	51,081	26,474	*	21,267
West Shewa	168,839	79,671	89,168	24,199	13,699	10,499	*	*	*
North Shewa	73,333	37,566	35,767	29,385	14,784	14,601	*	*	*
East Shewa	170,144	79,581	90,563	52,186	25,281	26,906	*	*	*
Arsi	431,378	196,951	234,427	136,843	*	*	*	*	*
West Hararghe	368,107	161,230	206,877	136,023	61,269	74,754	11,876	1,977	9,899
East Hararge	420,006	229,018	190,988	129,585	56,901	72,684	19,346	3,213	16,133
Bale	163,303	77,995	85,308	33,004	15,051	17,953	*	*	*
Borena	185,219	76,372	108,847	28,030	9,305	18,724	5,849	*	*
South West Shewa	112,131	52,829	59,302	46,236	22,080	24,155	*	-	*
Guji	112,705	47,650	65,054	21,164	3,529	17,635	-	-	-
West Guji	*	*	43,868	*	*	*	*	*	*
Oromiya Special Zone	36,507	17,916	18,591	*	*	*	*	-	*
West Arsi	111,485	52,302	59,183	33,003	8,173	24,830	*	-	*
Kelem Wollega	37,456	*	14,161	*	*	*	*	-	*
Horo Guduru Wollega	59,314	30,943	28,371	15,989	11,055	4,934	3,462	*	*
Buno Bedele	44,935	22,321	22,613	13,964	4,844	9,121	1,859	*	1,731
East Bale	200,247	87,619	112,628	29,584	16,682	12,901	2,426	*	*

TABLE 3-19 - c CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>7,577,139</b>	<b>2,754,786</b>	<b>4,822,352</b>	<b>211,067</b>	<b>81,270</b>	<b>129,797</b>	<b>76,122</b>	<b>25,973</b>	<b>50,149</b>
Siti	140,305	59,906	80,399	10,220	2,809	7,411	3,081	868	2,214
Fafan	161,405	77,261	84,144	1,677	1,582	*	1,129	*	438
Jerer	1,198,340	438,940	759,400	72,662	29,433	43,228	*	*	*
Erer	503,342	227,681	275,661	*	*	-	*	*	*
Korahe	533,251	170,245	363,006	9,138	4,551	*	*	4,787	*
Shebele	836,189	327,097	509,092	48,167	22,599	25,568	18,184	5,760	12,425
Dollo	1,156,853	344,929	811,924	23,704	9,350	14,354	*	*	*
Afder	949,775	335,704	614,071	14,633	3,627	11,006	*	2,140	*
Liben	1,497,728	539,338	958,390	*	*	*	12,353	3,492	8,861
Nogob	431,842	171,621	260,220	2,589	1,774	816	8,575	5,711	2,864
Dawa	168,109	62,064	106,046	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	<b>243,830</b>	<b>113,666</b>	<b>130,164</b>	<b>84,572</b>	<b>32,830</b>	<b>51,741</b>	*	*	*
Assosa	94,390	42,033	52,357	24,796	10,855	13,941	*	*	*
Metekel	76,171	38,308	37,862	42,882	17,315	25,567	*	*	*
Kemashi	66,982	30,454	36,528	14,716	4,081	10,635	-	-	-
Mao Ena Komo	6,288	2,871	3,417	2,178	579	1,599	*	-	*
<b>SNNP</b>	<b>1,428,992</b>	<b>681,857</b>	<b>747,135</b>	<b>436,152</b>	<b>163,487</b>	<b>272,665</b>	<b>81,939</b>	<b>18,123</b>	<b>63,816</b>
Gurage	48,981	25,648	23,334	28,279	11,884	16,396	*	-	*
Hadiya	70,875	33,513	37,362	29,904	12,808	17,096	10,989	*	8,414
Kembata Tembaro	22,044	11,814	10,230	20,432	9,404	11,028	4,192	*	3,471
Gedeo	3,989	2,144	*	2,685	-	2,685	*	*	*
Welayta	57,690	28,930	28,760	59,403	17,156	42,247	*	*	*
South Omo	610,037	295,014	315,023	34,275	11,237	23,037	*	*	*
Sheka	*	*	*	*	*	*	*	*	*
Kefa	79,242	41,142	38,100	46,668	*	25,320	7,351	*	7,034
Gamo Gofa	187,546	84,635	102,911	75,876	20,549	55,326	16,260	*	10,977
Bench Maji	26,636	13,901	12,736	19,240	*	7,124	*	-	*
Yem Special	16,271	6,445	9,826	2,826	296	2,530	659	*	628
Segen Peoples'	100,683	43,819	56,865	43,098	19,047	24,051	9,701	2,162	7,539
Alaba Special	43,205	20,588	22,617	14,258	*	8,179	5,872	*	5,177
Dawro	23,212	9,984	13,228	13,811	5,467	8,345	*	-	*
Basketo Special	4,855	2,506	2,350	3,218	1,330	1,888	*	-	*
Konta Special	7,471	3,483	3,988	7,528	3,428	4,101	*	*	*
Silite	115,046	54,871	60,175	33,899	10,960	22,938	8,229	*	7,541
<b>Sidama</b>	<b>111,291</b>	<b>52,836</b>	<b>58,455</b>	<b>50,349</b>	<b>14,455</b>	<b>35,894</b>	*	*	-
<b>Gambela</b>	<b>39,559</b>	<b>16,437</b>	<b>23,122</b>	<b>6,141</b>	<b>2,615</b>	<b>3,526</b>	*	*	*
Angewak	4,174	2,126	2,047	722	229	493	*	*	*
Newer	28,878	11,398	17,480	*	*	2,060	*	*	*
Mejenger	3,426	1,680	1,746	2,160	1,382	778	-	-	-
Itang Special	3,081	1,233	1,848	330	*	196	196	*	163
Hareri	<b>36,361</b>	<b>17,294</b>	<b>19,067</b>	<b>11,748</b>	<b>5,734</b>	<b>6,014</b>	<b>705</b>	*	<b>619</b>
Dire Dawa	<b>126,433</b>	<b>52,457</b>	<b>73,976</b>	<b>6,900</b>	<b>2,871</b>	<b>4,029</b>	<b>3,425</b>	*	<b>2,676</b>

**d. Horses**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>162,421</b>	<b>88,565</b>	<b>73,856</b>	<b>235,685</b>	<b>140,743</b>	<b>94,941</b>	<b>24,205</b>	<b>7,300</b>	<b>16,905</b>
<b>Tigray</b>	*	*	*	*	*	-	*	-	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	*	-	*
Eastern Tigray	-	-	-	*	*	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-	-	-
Western Tigray	*	*	*	-	-	-	-	-	-
South Western Tigray	-	-	-	-	-	-	-	-	-
<b>Afar</b>	-	-	-	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	<b>34,250</b>	<b>20,533</b>	<b>13,718</b>	<b>58,074</b>	<b>24,511</b>	<b>33,563</b>	*	*	*
North Gonder	5,082	*	*	*	*	*	-	-	-
South Gonder	*	-	*	*	*	*	-	-	-
North Wello	*	*	*	*	*	*	-	-	-
South Wello	*	*	-	13,059	*	*	-	-	-
North Shewa	6,060	2,638	*	9,331	*	3,907	*	-	*
East Gojjam	8,316	5,106	*	11,601	4,855	*	*	*	*
West Gojjam	*	*	-	5,317	*	*	-	-	-
Waghimra	*	*	-	-	-	-	-	-	-
awi	4,454	3,147	*	*	*	*	-	-	-
Oromiya Special Zone	-	-	-	-	-	-	-	-	-
Central Gonder	*	*	*	*	*	-	-	-	-
West Gonder	-	-	-	-	-	-	-	-	-
<b>Oromiya</b>	<b>103,421</b>	<b>57,125</b>	<b>46,296</b>	<b>115,516</b>	<b>78,087</b>	<b>37,429</b>	<b>18,780</b>	<b>5,219</b>	<b>13,561</b>
West Wollega	-	-	-	-	-	-	-	-	-
East Wollega	*	*	*	*	-	*	-	-	-
Ilu Ababor	*	*	*	9,339	3,714	5,624	*	*	*
Jimma	*	*	*	11,818	*	*	*	*	*
West Shewa	22,098	13,573	8,524	17,553	13,361	4,192	*	-	*
North Shewa	10,467	*	*	8,055	6,071	*	*	*	*
East Shewa	*	*	-	*	*	-	*	*	-
Arsi	17,738	9,348	8,390	20,246	8,237	12,009	*	*	-
West Hararghe	-	-	-	-	-	-	-	-	-
East Hararge	-	-	-	-	-	-	-	-	-
Bale	*	*	*	5,494	4,372	*	-	-	-
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	3,365	*	*	13,994	12,840	*	*	-	*
Guji	*	*	*	*	*	*	-	-	-
West Guji	*	*	1,821	2,847	*	*	-	-	-
Oromiya Special Zone	4,250	*	1,996	4,746	3,766	*	*	-	*
West Arsi	7,924	*	*	*	*	1,987	*	*	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	*	*	*	2,070	1,646	*	*	*	-
Buno Bedele	*	*	*	1,911	*	1,239	*	-	*
East Bale	*	*	*	-	-	-	-	-	-

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
<b>Somalie</b>	<b>2,843</b>	<b>1,211</b>	<b>1,632</b>	*	<b>25,686</b>	*	*	*	*
Siti	-	-	-	-	694	-	*	*	*
Fafan	*	-	*	*	1,201	*	-	-	-
Jerer	-	-	-	-	4,462	-	-	-	-
Erer	*	*	-	-	-	-	-	-	-
Korahe	*	*	*	-	*	-	-	-	-
Shebele	-	-	-	-	11,466	-	-	-	-
Dollo	-	-	-	-	885	-	-	-	-
Afder	*	*	*	-	*	-	-	-	-
Liben	*	*	*	*	5,671	*	-	-	-
Nogob	-	-	-	-	*	-	*	*	*
Dawa	-	-	-	-	*	-	-	-	-
<b>Benishangul Gumuz</b>	-	-	-	-	<b>21,176</b>	-	-	-	-
Assosa	-	-	-	-	7,033	-	-	-	-
Metekel	-	-	-	-	11,466	-	-	-	-
Kemashi	-	-	-	-	*	-	-	-	-
Mao Ena Komo	-	-	-	-	489	-	-	-	-
<b>SNNP</b>	<b>19,726</b>	<b>7,972</b>	<b>11,754</b>	<b>50,304</b>	<b>76,259</b>	<b>18,124</b>	*	*	*
Gurage	4,556	*	2,650	10,357	9,721	3,634	*	-	-
Hadiya	*	-	*	5,309	13,589	*	-	-	-
Kembata Tembaro	-	-	-	*	10,046	*	-	-	-
Gedeo	*	*	*	3,086	*	*	-	-	-
Welayta	-	-	-	-	19,664	-	-	-	-
South Omo	*	*	*	2,031	*	881	-	-	-
Sheka	-	-	-	*	-	*	-	-	-
Kefa	*	*	1,345	16,949	1,239	*	*	*	*
Gamo Gofa	*	*	*	3,651	5,405	*	-	-	-
Bench Maji	*	*	*	1,990	*	1,398	-	-	-
Yem Special	*	-	*	-	479	-	*	*	*
Segen Peoples'	-	-	-	-	6,068	-	-	-	-
Alaba Special	*	-	*	*	1,676	-	-	-	-
Dawro	-	-	-	*	1,078	*	-	-	-
Basketo Special	-	-	-	-	*	-	-	-	-
Konta Special	*	*	-	*	*	*	*	-	-
Silite	*	*	*	3,981	4,623	3,214	*	-	-
<b>Sidama</b>	*	*	-	*	*	*	-	-	-
<b>Gambela</b>	-	-	-	*	<b>224</b>	-	-	-	-
Angewak	-	-	-	-	*	-	-	-	-
Newer	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Hareri</b>	-	-	-	-	<b>930</b>	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	*	-	-	-	-

**e. Donkeys**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>1,028,912</b>	<b>522,610</b>	<b>509,777</b>	<b>1,098,117</b>	<b>676,195</b>	<b>444,541</b>	<b>58,173</b>	<b>18,930</b>	<b>39,244</b>
<b>Tigray</b>	<b>68,207</b>	<b>38,076</b>	<b>30,131</b>	<b>122,567</b>	<b>78,670</b>	<b>43,897</b>	<b>1,671</b>	*	*
North West Tigray	15,387	7,994	7,393	19,222	9,823	9,399	-	-	-
Central Tigray	7,715	4,776	2,938	37,999	22,994	15,005	*	*	*
Eastern Tigray	12,358	7,285	5,073	15,765	11,066	4,699	*	*	-
Southern Tigray	6,662	4,316	2,347	8,364	4,629	3,735	*	-	*
Western Tigray	5,765	2,022	3,743	9,540	8,148	*	-	-	-
South Western Tigray	20,321	11,683	8,637	31,677	22,010	9,667	*	-	*
<b>Afar</b>	<b>50,142</b>	<b>23,152</b>	<b>26,991</b>	<b>11,659</b>	<b>7,632</b>	<b>4,026</b>	-	-	-
Zone_1 (Awsiresu)	27,593	11,645	15,948	5,877	3,973	*	-	-	-
Zone_2 (Kelbetiresu)	2,881	1,740	*	2,644	2,170	*	-	-	-
Zone_3 (Gebiresu)	10,533	4,997	5,537	1,579	*	1,068	-	-	-
Zone_4 (Fentiresu)	3,488	1,842	1,647	*	*	*	-	-	-
Zone_5 (Hariresu)	5,647	2,929	2,718	1,400	838	562	-	-	-
<b>Amhara</b>	<b>410,056</b>	<b>205,575</b>	<b>204,481</b>	<b>374,751</b>	<b>196,697</b>	<b>178,054</b>	<b>6,868</b>	<b>2,812</b>	<b>4,056</b>
North Gonder	27,354	17,927	9,427	14,829	5,736	9,093	*	*	*
South Gonder	43,363	24,268	19,095	35,270	15,627	19,643	-	-	-
North Wello	33,379	16,035	17,344	32,938	20,137	12,801	*	-	*
South Wello	74,307	38,735	35,572	81,463	32,073	49,390	*	*	*
North Shewa	44,225	18,044	26,181	48,308	29,536	18,773	-	-	-
East Gojjam	39,049	15,989	23,060	45,210	28,651	16,559	*	*	*
West Gojjam	64,072	34,541	29,531	28,791	13,399	15,392	*	-	*
Waghimra	12,677	7,771	4,907	12,967	5,833	7,135	*	*	-
Awj	5,827	*	3,530	12,133	*	2,390	-	-	-
Oromiya Special Zone	8,232	5,332	2,900	5,287	1,304	3,983	*	-	*
Central Gonder	57,065	24,348	32,717	49,753	27,148	22,605	-	-	-
West Gonder	506	*	*	7,800	7,511	*	*	*	-
<b>Oromiya</b>	<b>360,331</b>	<b>179,223</b>	<b>181,108</b>	<b>412,976</b>	<b>257,247</b>	<b>155,729</b>	<b>29,963</b>	<b>8,012</b>	<b>21,951</b>
West Wollega	*	*	*	15,689	*	11,337	*	-	*
East Wollega	13,713	7,786	5,927	18,340	12,428	5,913	*	*	*
Ilu Ababor	4,526	2,126	2,400	8,185	6,101	2,084	-	-	-
Jimma	*	4,315	*	39,761	22,778	*	4,534	*	3,493
West Shewa	27,582	12,835	14,747	22,588	10,481	12,107	*	*	*
North Shewa	43,247	17,152	26,095	18,926	11,421	7,505	*	-	*
East Shewa	25,913	18,298	7,615	24,431	9,892	14,539	*	*	*
Arsi	42,005	21,176	20,829	42,354	21,520	20,834	*	*	-
West Hararghe	26,497	15,267	11,230	33,596	21,839	11,757	5,110	*	*
East Hararge	28,628	12,711	15,917	30,722	19,449	11,274	3,249	*	2,570
Bale	9,093	6,255	2,838	16,504	10,273	6,231	*	-	*
Borena	3,603	1,755	1,848	4,450	2,999	*	*	*	-
South West Shewa	22,724	9,647	13,077	13,347	6,779	6,568	*	*	*
Guji	6,873	*	*	7,171	5,904	*	-	-	-
West Guji	*	*	*	*	*	-	*	*	-
Oromiya Special Zone	20,616	12,098	8,517	22,996	16,574	6,422	*	-	*
West Arsi	26,755	9,187	17,568	21,270	10,935	10,335	*	-	*
Kelem Wollega	*	-	*	20,754	*	*	*	-	*
Horo Guduru Wollega	11,983	8,086	3,896	33,734	28,890	4,844	*	*	*
Buno Bedele	*	*	*	3,783	2,426	1,358	*	-	*
East Bale	10,581	5,959	4,622	11,512	9,743	1,769	*	*	-

TABLE 3-19 - e CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>93,413</b>	<b>51,714</b>	<b>41,699</b>	<b>35,346</b>	<b>25,686</b>	<b>9,660</b>	<b>7,802</b>	<b>5,414</b>	<b>2,388</b>
Siti	1,611	1,221	391	1,586	694	892	651	287	*
Fafan	6,713	4,604	2,109	1,201	1,201	-	*	-	*
Jerer	*	*	*	5,598	4,462	1,136	-	-	-
Erer	7,117	4,933	2,184	-	-	-	-	-	-
Korahe	10,627	5,001	5,626	*	*	-	*	*	*
Shebele	12,338	7,086	5,251	14,518	11,466	3,051	*	*	*
Dollo	5,310	2,515	2,795	1,526	885	*	-	-	-
Afder	21,377	10,339	11,038	*	*	*	*	*	-
Liben	24,862	14,314	10,547	8,907	5,671	*	3,444	3,154	*
Nogob	1,882	1,028	854	*	*	-	*	*	*
Dawa	*	*	*	*	*	*	*	-	*
<b>Benishangul Gumuz</b>	<b>3,475</b>	<b>2,384</b>	<b>1,091</b>	<b>26,362</b>	<b>21,176</b>	<b>5,186</b>	*	-	*
Assosa	2,101	1,140	960	10,191	7,033	3,158	*	-	*
Metekel	*	*	-	13,155	11,466	*	-	-	-
Kemashi	*	*	-	*	*	-	-	-	-
Mao Ena Komo	252	121	131	829	489	340	-	-	-
<b>SNNP</b>	<b>42,797</b>	<b>20,388</b>	<b>22,409</b>	<b>123,522</b>	<b>76,259</b>	<b>47,264</b>	<b>11,218</b>	<b>1,813</b>	<b>9,405</b>
Gurage	7,051	3,805	3,245	18,733	9,721	9,012	*	*	*
Hadiya	12,062	5,621	6,441	19,964	13,589	6,375	*	-	*
Kembata Tembaro	*	*	*	10,553	10,046	*	*	*	-
Gedeo	-	-	-	*	*	-	-	-	-
Welayta	*	*	*	23,662	19,664	*	-	-	-
South Omo	*	*	*	1,447	*	*	-	-	-
Sheka	-	-	-	-	-	-	-	-	-
Kefa	*	*	-	1,904	1,239	*	-	-	-
Gamo Gofa	*	-	*	8,373	5,405	*	-	-	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Special	592	172	420	879	479	401	-	-	-
Segen Peoples'	*	*	*	7,047	6,068	*	-	-	-
Alaba Special	5,234	2,466	2,768	4,788	1,676	3,112	1,742	497	1,244
Dawro	-	-	-	1,201	1,078	*	-	-	-
Basketo Special	-	-	-	309	*	*	-	-	-
Konta Special	-	-	-	*	*	-	-	-	-
Silite	7,109	2,537	4,572	22,720	4,623	18,097	4,977	*	4,341
<b>Sidama</b>	-	-	-	*	-	-	-	-	-
<b>Gambela</b>	-	-	-	<b>268</b>	<b>224</b>	*	-	-	-
Angewak	-	-	-	223	*	*	-	-	-
Newer	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Hareri</b>	<b>1,263</b>	*	<b>732</b>	<b>1,214</b>	<b>930</b>	*	*	*	*
<b>Dire Dawa</b>	<b>2,703</b>	<b>1,568</b>	<b>1,135</b>	<b>1,111</b>	*	*	*	*	*

**f. Mules**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>46,803</b>	<b>25,275</b>	<b>21,528</b>	<b>82,666</b>	<b>44,896</b>	<b>37,770</b>	*	*	*
<b>Tigray</b>	*	*	*	*	*	-	*	*	*
North West Tigray	*	-	*	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	*	*	*
Eastern Tigray	*	*	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
South Western Tigray	-	-	-	-	-	-	-	-	-
<b>Afar</b>	*	*	-	-	-	-	-	-	-
Zone_1 (Awsiresu)	*	*	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	*	*	*	<b>39,601</b>	<b>21,097</b>	<b>18,504</b>	-	-	-
North Gonder	-	-	-	1,913	*	*	-	-	-
South Gonder	-	-	-	2,480	*	*	-	-	-
North Wello	*	-	*	4,748	*	2,904	-	-	-
South Wello	-	-	-	6,561	*	4,433	-	-	-
North Shewa	*	-	*	*	-	*	-	-	-
East Gojjam	-	-	-	7,059	4,747	*	-	-	-
West Gojjam	*	*	*	8,568	*	5,084	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-
Awi	*	-	*	5,970	5,133	*	-	-	-
Oromiya Special Zone	-	-	-	-	-	-	-	-	-
Central Gonder	*	*	*	*	*	*	-	-	-
West Gonder	-	-	-	*	-	*	-	-	-
<b>Oromiya</b>	<b>13,472</b>	*	<b>4,139</b>	<b>20,851</b>	<b>9,370</b>	<b>11,481</b>	*	*	*
West Wollega	-	-	-	-	-	-	-	-	-
East Wollega	-	-	-	1,610	*	*	-	-	-
Ilu Ababor	*	*	*	*	*	*	*	*	*
Jimma	*	-	*	*	-	*	*	*	*
West Shewa	*	*	-	*	*	*	-	-	-
North Shewa	*	*	*	*	*	*	-	-	-
East Shewa	-	-	-	*	*	*	-	-	-
Arsi	*	*	*	*	*	*	*	*	*
West Hararghe	*	*	-	-	-	-	-	-	-
East Hararge	-	-	-	-	-	-	-	-	-
Bale	-	-	-	*	-	*	-	-	-
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	-	-	-	*	-	*	-	-	-
Guji	-	-	-	*	*	-	-	-	-
West Guji	-	-	-	-	-	-	-	-	-
Oromiya Special Zone	-	-	-	*	*	-	*	*	*
West Arsi	*	*	-	-	-	-	*	*	*
Kelem Wollega	-	-	-	*	*	-	-	-	-
Horo Guduru Wollega	*	-	*	*	*	-	*	*	*
Buno Bedele	-	-	-	*	*	-	-	-	-
East Bale	-	-	-	*	*	*	-	-	-

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
<b>Somalie</b>	*	*	*	*	*	*	*	*	*
Siti	-	-	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	*	-	*	-	-	-
Shebele	*	*	*	*	*	*	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	*	*	*	-	-	-	-	-	-
Liben	*	*	*	*	*	*	*	*	*
Nogob	-	-	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-	-	-
<b>Benishangul Gumuz</b>	-	-	-	<b>2,040</b>	*	*	-	-	-
Assosa	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	<b>2,040</b>	*	*	-	-	-
Kemashi	-	-	-	-	-	-	-	-	-
Mao Ena Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	*	*	*	<b>11,383</b>	<b>9,693</b>	<b>1,690</b>	-	-	-
Gurage	*	*	*	*	*	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	*	*	*	*	*	-	-	-	-
Gedeo	*	*	*	*	*	-	-	-	-
Welayta	-	-	-	*	*	-	-	-	-
South Omo	-	-	-	*	*	*	-	-	-
Sheka	-	-	-	*	-	*	-	-	-
Kefa	*	*	*	3,172	2,532	*	-	-	-
Gamo Gofa	-	-	-	*	*	-	-	-	-
Bench Maji	-	-	-	*	-	*	-	-	-
Yem Special	-	-	-	-	-	-	-	-	-
Segen Peoples'	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	<b>458</b>	*	*	-	-	-
Basketo Special	-	-	-	*	-	*	-	-	-
Konta Special	-	-	-	*	*	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-
<b>Sidama</b>	-	-	-	*	-	*	-	-	-
<b>Gambela</b>	-	-	-	-	*	*	-	-	-
Angewak	-	-	-	-	-	-	-	-	-
Newer	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Hareri</b>	-	-	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	-	-	-	-	-

### g. Camels

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>2,231,463</b>	<b>876,238</b>	<b>1,403,156</b>	<b>63,987</b>	<b>40,451</b>	<b>23,537</b>	<b>34,929</b>	<b>20,830</b>	<b>14,099</b>
<b>Tigray</b>				<b>11,506</b>	<b>9,958</b>	*	*	*	-
North West Tigray	-	-	-	*	*	-	*	*	-
Central Tigray	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
South Western Tigray	-	-	-	-	-	-	-	-	-
<b>Afar</b>	<b>273,315</b>	<b>113,701</b>	<b>159,613</b>	<b>4,372</b>	<b>3,494</b>	*	*	*	*
Zone_1 (Awsiresu)	114,666	48,546	66,120	*	*	-	-	-	-
Zone_2 (Kelbetiresu)	26,010	13,154	12,855	*	*	*	*	*	*
Zone_3 (Gebiresu)	84,476	32,649	51,827	*	*	*	-	-	-
Zone_4 (Fentiresu)	16,053	6,667	9,386	*	*	-	-	-	-
Zone_5 (Hariresu)	32,110	12,685	19,425	403	175	228	154	109	45
<b>Amhara</b>	-	-	-	<b>16,706</b>	<b>16,706</b>	-	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wello	-	-	-	*	*	-	-	-	-
South Wello	-	-	-	*	*	-	-	-	-
North Shewa	-	-	-	*	*	-	*	*	-
East Gojjam	-	-	-	-	-	-	-	-	-
West Gojjam	-	-	-	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-
Awj	-	-	-	-	-	-	-	-	-
Oromiya Special Zone	-	-	-	4,349	4,349	-	-	-	-
Central Gonder	-	-	-	-	-	-	-	-	-
West Gonder	-	-	-	-	-	-	-	-	-
<b>Oromiya</b>	<b>46,436</b>	<b>24,760</b>	<b>21,676</b>	<b>5,972</b>	<b>2,080</b>	<b>3,892</b>	<b>3,163</b>	*	*
West Wollega	-	-	-	-	-	-	-	-	-
East Wollega	-	-	-	*	*	-	-	-	-
Ilu Ababor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	*	-	*	*	*	-
Arsi	-	-	-	-	-	-	-	-	-
West Hararghe	*	*	*	*	-	*	-	-	-
East Hararge	*	*	-	*	*	-	*	-	*
Bale	3,683	*	*	-	-	-	*	*	-
Borena	10,263	3,992	-	6,270	*	*	*	*	*
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	*	*	*	*	-	*	-	-	-
West Guji	-	-	-	-	-	-	-	-	-
Oromiya Special Zone	-	-	-	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-	-	-	-
East Bale	18,682	9,048	*	*	*	*	*	*	-

TABLE 3-19 - g CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>1,911,017</b>	<b>737,067</b>	<b>1,221,867</b>	<b>25,045</b>	<b>7,826</b>	<b>17,218</b>	<b>23,152</b>	<b>10,508</b>	<b>12,644</b>
Siti	2,212	1,239	973	515	*	*	-	-	-
Fafan	18,202	9,564	8,638	*	*	*	-	-	-
Jerer	83,343	26,979	56,363	8,352	1,370	6,982	*	-	*
Erer	243,126	101,540	141,587	-	-	-	*	*	*
Korahe	302,566	97,017	205,549	1,266	609	658	5,029	*	3,116
Shebele	*	*	*	4,648	*	2,987	*	*	*
Dollo	483,893	164,764	319,130	*	-	*	*	*	*
Afder	196,093	72,774	123,319	2,016	*	816	*	-	*
Liben	341,956	128,301	213,654	7,167	2,477	4,691	*	*	*
Nogob	198,265	72,753	125,511	-	-	-	6,839	4,106	2,733
Dawa	41,361	14,218	27,143	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	-	-	-	-	-	-	*	*	-
Assosa	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	*	*	-
Kemashi	-	-	-	-	-	-	-	-	-
Mao Ena Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Gedeo	-	-	-	-	-	-	-	-	-
Welayta	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-
Kefa	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Special	-	-	-	-	-	-	-	-	-
Segen Peoples'	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Special	-	-	-	-	-	-	-	-	-
Konta Special	-	-	-	-	-	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-
<b>Sidama</b>	-	-	-	-	-	-	-	-	-
<b>Gambela</b>	*	*	-	-	-	-	-	-	-
Angewak	-	-	-	-	-	-	-	-	-
Newer	*	*	*	-	-	-	-	-	-
Mejenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Hareri</b>		*	-	-	-	-	-	-	-
<b>Dire Dawa</b>	695	<b>378</b>	-	*	*	-	-	-	-

## h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>National</b>	<b>58,158,490</b>	<b>19,238,667</b>	<b>603,124</b>
<b>Tigray</b>	<b>6,541,252</b>	<b>2,981,256</b>	<b>87,510</b>
North West Tigray	3,707,763	524,863	10,578
Central Tigray	812,466	606,068	*
Eastern Tigray	139,828	901,779	9,482
Southern Tigray	261,897	193,383	3,802
Western Tigray	1,214,330	135,591	*
South Western Tigray	404,968	619,574	*
<b>Afar</b>	<b>79,192</b>	<b>11,166</b>	-
Zone_1 (Awsiresu)	*	-	-
Zone_2 (Kelbetiresu)	*	*	-
Zone_3 (Gebiresu)	60,640	4,228	-
Zone_4 (Fentiresu)	-	-	-
Zone_5 (Hariresu)	13,073	2,070	-
<b>Amhara</b>	<b>28,196,190</b>	<b>5,646,200</b>	<b>207,284</b>
North Gonder	2,153,051	319,021	19,384
South Gonder	3,624,172	626,392	24,342
North Wello	942,283	503,007	*
South Wello	1,598,838	878,230	14,545
North Shewa	1,453,587	664,051	27,108
East Gojam	1,320,565	404,837	*
West Gojam	8,217,835	846,720	26,464
Waghimra	387,754	97,587	*
Awi	2,229,146	239,582	*
Oromiya Special Zone	230,070	157,305	*
Central Gonder	5,563,813	847,488	27,294
West Gonder	475,074	61,981	*
<b>Oromiya</b>	<b>14,632,269</b>	<b>6,211,742</b>	<b>196,850</b>
West Wollega	1,384,061	309,039	*
East Wollega	727,095	165,043	*
Ilu Ababor	497,717	436,713	5,054
Jimma	2,058,513	460,677	45,836
West Shewa	908,275	776,570	12,219
North Shewa	210,569	401,254	*
East Shewa	533,469	300,633	*
Arsi	715,981	691,510	*
West Hararghe	1,555,254	251,664	9,113
East Hararge	2,232,074	261,524	40,792
Bale	240,097	95,224	*
Borena	75,831	*	*
South West Shewa	227,811	513,184	6,883
Guji	982,345	124,814	*
West Guji	297,649	92,121	*
Oromiya Special Zone	266,780	582,017	*
West Arsi	628,386	178,229	*
Kelem Wollega	378,863	315,405	-
Horo Guduru Wollega	458,870	122,964	1,879
Buno Bedele	163,922	68,051	*
East Bale	88,707	50,191	*

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>Somalie</b>	<b>185,757</b>	<b>17,587</b>	<b>4,215</b>
Siti	8,621	*	*
Fafan	10,179	*	-
Jerer	-	-	-
Erer	-	-	-
Korahe	*	-	-
Shebele	85,429	11,717	*
Dollo	-	-	-
Afder	*	-	-
Liben	59,300	*	2,291
Nogob	-	-	-
Dawa	10,409	*	*
<b>Benishangul Gumuz</b>	<b>1,395,479</b>	<b>235,348</b>	<b>6,347</b>
Assosa	622,200	81,660	1,094
Metekel	503,385	108,093	*
Kemashi	227,369	34,223	*
Mao Ena Komo	42,525	11,371	*
<b>SNNP</b>	<b>5,337,296</b>	<b>3,430,522</b>	<b>77,080</b>
Gurage	136,066	346,240	6,777
Hadiya	845,954	257,066	11,784
Kembata Tembaro	194,695	135,658	7,501
Gedeo	37,826	116,004	-
Welayta	562,259	504,481	*
South Omo	307,380	101,520	*
Sheka	172,431	138,002	-
Kefa	1,026,752	583,201	5,851
Gamo Gofa	639,612	504,284	13,210
Bench Maji	306,159	125,446	*
Yem Special	35,874	6,873	1,629
Segen Peoples'	190,540	157,904	*
Alaba Special	231,011	58,808	3,666
Dawro	86,562	49,471	1,965
Basketo Special	42,286	20,534	*
Konta Special	46,877	25,048	*
Silite	475,013	299,981	5,358
<b>Sidama</b>	<b>1,365,480</b>	<b>657,619</b>	<b>*</b>
<b>Gambela</b>	<b>209,176</b>	<b>24,042</b>	<b>1,968</b>
Angewak	57,382	3,373	*
Newer	63,178	6,325	*
Mejenger	69,627	13,078	*
Itang Special	18,989	1,266	89
<b>Hareri</b>	<b>118,896</b>	*	<b>2,053</b>
<b>Dire Dawa</b>	<b>97,503</b>	<b>6,109</b>	<b>8,170</b>

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

**a. Cattle**

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>7,022,929</b>	<b>4,455,585</b>	<b>2,567,344</b>	<b>391,991</b>	<b>245,778</b>	<b>146,213</b>	<b>3,433,251</b>	<b>1,534,467</b>	<b>1,898,783</b>	<b>529,467</b>	<b>231,943</b>	<b>297,524</b>
<b>Tigray</b>	<b>390,657</b>	<b>267,485</b>	<b>123,172</b>	<b>29,952</b>	<b>18,861</b>	<b>11,091</b>	<b>111,079</b>	<b>56,736</b>	<b>54,343</b>	<b>23,714</b>	<b>14,495</b>	<b>9,219</b>
North West Tigray	113,397	77,198	36,199	3,696	*	*	42,754	22,792	19,962	*	*	*
Central Tigray	64,238	48,394	15,844	3,763	*	*	11,320	7,999	3,321	3,060	*	1,791
Eastern Tigray	52,041	37,542	14,499	*	*	*	13,106	4,353	8,753	*	*	*
Southern Tigray	33,937	23,731	10,206	5,196	3,666	*	8,918	4,612	4,306	2,386	*	*
Western Tigray	60,384	32,786	27,599	5,982	3,889	2,093	24,808	11,078	13,730	*	*	*
South Western												
Tigra	66,660	47,835	18,825	*	*	*	10,173	5,901	4,271	*	*	*
<b>Afar</b>	<b>240,400</b>	<b>163,569</b>	<b>76,831</b>	<b>11,754</b>	<b>8,267</b>	<b>3,487</b>	<b>418,828</b>	<b>152,945</b>	<b>265,883</b>	<b>4,492</b>	<b>347</b>	<b>4,145</b>
Zone_1 (Awsiresu)	112,522	74,021	38,501	3,758	*	*	171,298	55,590	115,708	*	-	*
Zone_2												
(Kelbetiresu)	*	*	*	*	-	*	14,355	4,637	9,718	-	-	-
Zone_3 (Gebiresu)	72,105	54,482	17,623	5,102	3,871	*	115,732	54,102	61,630	*	-	*
Zone_4 (Fentiresu)	15,386	8,362	7,024	505	*	307	64,035	19,428	44,607	*	*	*
Zone_5 (Hariresu)	32,839	21,756	11,083	2,219	1,005	1,214	53,408	19,188	34,219	3,197	327	2,870
<b>Amhara</b>	<b>2,036,587</b>	<b>1,296,018</b>	<b>740,569</b>	<b>61,826</b>	<b>36,287</b>	<b>25,539</b>	<b>535,778</b>	<b>253,900</b>	<b>281,878</b>	<b>130,765</b>	<b>57,940</b>	<b>72,825</b>
North Gonder	64,028	35,592	28,436	*	*	*	36,135	16,678	19,457	*	*	*
South Gonder	219,849	135,841	84,008	15,789	9,524	6,266	60,131	28,595	31,536	17,446	7,681	9,764
North Wello	123,051	80,141	42,910	4,675	3,319	*	46,752	21,547	25,204	3,606	*	2,141
South Wello	281,546	193,101	88,445	7,677	4,884	2,793	61,535	30,444	31,091	20,026	7,799	12,228
North Shewa	177,826	125,383	52,443	4,322	*	*	49,092	29,273	19,819	14,087	4,191	9,986
East Gojam	234,193	147,368	86,825	10,649	5,775	4,874	55,762	27,443	28,319	24,029	13,766	10,263
West Gojam	386,643	239,810	146,833	8,237	2,592	5,645	77,699	37,013	40,686	13,896	5,335	8,561
Waghimra	47,014	28,747	18,267	892	*	*	16,559	6,775	9,783	3,647	*	2,668
Awi	140,773	85,983	54,789	1,647	*	*	31,838	13,525	18,313	*	2,903	*
Oromiya Special												
Zon	41,674	28,361	13,313	*	*	*	15,135	6,513	8,622	*	*	*
Central Gonder	278,438	171,921	106,517	*	*	*	63,806	26,714	37,092	21,823	*	11,361
West Gonder	41,551	23,770	17,781	1,147	*	235	21,334	9,379	11,955	*	*	*
<b>Oromiya</b>	<b>2,634,065</b>	<b>1,721,751</b>	<b>912,314</b>	<b>100,219</b>	<b>50,422</b>	<b>49,798</b>	<b>1,080,706</b>	<b>517,762</b>	<b>562,944</b>	<b>176,938</b>	<b>72,820</b>	<b>104,118</b>
West Wollega	121,697	74,782	46,915	-	-	-	70,997	36,901	34,096	*	-	*
East Wollega	97,970	69,339	28,631	*	-	*	55,251	29,647	25,604	6,387	2,480	*
Ilu Ababor	91,019	62,283	28,736	*	*	*	76,888	36,027	40,861	17,314	5,939	11,375
Jimma	269,380	168,320	101,060	8,963	4,574	4,389	158,242	76,781	81,461	45,203	20,085	25,118
West Shewa	234,589	153,218	81,371	*	*	*	89,008	36,716	52,292	11,125	5,577	5,548
North Shewa	118,039	76,949	41,090	15,969	9,819	6,149	51,725	26,452	25,274	*	2,314	*
East Shewa	83,635	60,260	23,375	*	*	2,256	23,171	11,460	11,710	*	*	*
Arsi	365,213	239,489	125,724	*	*	*	56,121	32,200	23,921	*	*	*
West Hararghe	194,737	131,485	63,252	*	*	*	21,994	6,497	15,497	6,603	*	3,716
East Hararge	130,441	70,777	59,664	*	*	*	69,605	25,304	44,301	17,647	7,391	10,256
Bale	114,955	72,577	42,378	4,532	2,440	2,091	44,591	22,707	21,884	7,869	2,502	5,367
Borena	39,035	29,460	9,575	*	*	*	34,159	13,091	21,068	3,247	*	2,789
South West Shewa	98,284	62,076	36,208	15,680	9,412	*	23,644	12,969	10,675	11,539	7,500	4,039
Guji	137,440	85,162	52,277	*	*	*	64,210	33,932	30,278	8,845	*	*
West Guji	53,460	36,286	17,174	3,057	*	*	23,623	10,816	12,807	*	*	*
Oromiya Special												
Zon	96,103	65,346	30,758	6,953	*	*	44,174	18,854	25,320	*	*	*
West Arsi	195,344	130,245	65,099	3,002	*	1,875	55,717	26,815	28,902	*	*	*
Kelem Wollega	61,114	45,526	15,588	-	-	-	44,297	*	19,545	*	*	-
Horo Guduru												
Wollega	28,757	16,887	11,869	*	1,791	*	36,308	19,977	16,331	3,030	1,156	1,874
Buno Bedele	37,765	25,250	12,514	*	*	*	19,628	9,380	10,248	4,615	2,208	2,407
East Bale	65,089	46,033	19,056	1,713	1,539	*	17,354	6,485	10,869	4,688	2,711	1,977

TABLE 3-20 – a CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>497,460</b>	<b>309,617</b>	<b>187,842</b>	<b>81,382</b>	<b>52,530</b>	<b>28,851</b>	<b>605,710</b>	<b>255,440</b>	<b>350,270</b>	<b>32,759</b>	<b>14,944</b>	<b>17,815</b>
Siti	2,863	1,953	910	671	483	*	*	1,041	*	*	*	*
Fafan	19,450	17,356	2,093	1,445	756	*	6,318	2,257	4,062	1,048	*	738
Jerer	39,881	30,812	9,069	8,321	5,721	2,600	*	*	*	*	*	*
Erer	30,339	21,083	9,256	1,640	1,384	*	23,958	7,265	16,693	815	*	672
Korahe	11,387	8,824	2,563	4,456	4,196	*	8,020	2,750	5,270	3,030	*	*
Shebele	167,761	89,726	*	24,519	12,900	11,619	146,636	62,193	84,443	10,541	4,151	6,390
Dollo	31,895	17,494	14,401	18,787	9,462	9,324	15,226	*	8,355	*	*	-
Afder	61,162	36,675	24,487	6,042	3,697	2,345	155,618	66,779	88,839	*	*	*
Liben	88,708	58,639	30,068	6,332	4,799	*	158,250	62,906	95,344	4,295	*	*
Nogob	33,910	21,147	12,763	8,584	8,546	*	73,931	36,948	36,984	2,988	1,821	1,167
Dawa	10,104	5,908	4,196	585	585	-	13,007	5,659	7,348	*	*	*
<b>Benishangul Gumuz</b>	<b>56,323</b>	<b>36,903</b>	<b>19,421</b>	*	*	*	<b>47,966</b>	<b>20,824</b>	<b>27,141</b>	*	*	*
Assosa	8,952	4,397	4,555	*	-	*	8,782	3,446	5,335	*	*	*
Metekel	33,637	21,929	11,708	*	*	*	30,108	13,059	17,048	*	*	*
Kemashi	12,820	9,940	2,880	*	*	*	7,570	3,443	*	-	-	-
Mao Ena Komo	915	637	277	*	-	*	1,506	875	631	-	-	-
<b>SNNP</b>	<b>877,847</b>	<b>539,798</b>	<b>338,049</b>	<b>80,503</b>	<b>58,031</b>	<b>22,473</b>	<b>552,362</b>	<b>244,407</b>	<b>307,955</b>	<b>136,132</b>	<b>63,956</b>	<b>72,176</b>
Gurage	70,277	35,846	34,431	28,339	23,903	4,436	58,546	27,033	31,513	9,747	3,518	6,230
Hadiya	106,220	59,177	47,043	6,153	3,976	*	54,180	25,601	28,579	13,089	5,584	7,505
Kembata Tembaro	44,653	23,173	21,480	*	*	*	21,701	10,315	11,386	11,150	5,088	6,062
Gedeo	24,536	19,031	5,505	*	*	-	3,165	*	*	*	*	*
Welayta	76,839	51,567	25,271	*	-	*	36,056	15,765	20,290	*	*	*
South Omo	64,434	46,181	18,253	11,724	8,042	3,682	79,481	31,571	47,910	11,985	*	4,943
Sheka	30,558	19,284	11,274	*	-	*	*	*	4,926	3,249	1,573	*
Kefa	105,729	73,804	31,926	*	*	*	62,421	29,017	33,404	28,158	14,655	13,503
Gamo Gofa	159,770	86,683	73,086	*	-	*	105,305	45,207	60,097	24,064	9,519	14,545
Bench Maji	39,659	22,495	17,164	*	*	*	28,025	12,302	15,722	9,636	3,846	5,790
Yem Special	8,428	5,743	2,686	371	*	235	*	*	*	880	481	399
Segen Peoples'	26,167	20,159	6,008	*	*	*	18,997	*	9,455	2,186	*	1,042
Alaba Special	17,859	10,826	7,033	894	590	*	13,371	4,672	8,698	4,554	*	1,996
Dawro	20,999	11,500	9,499	*	*	*	17,389	8,989	8,401	*	*	*
Basketo Special	7,053	4,045	3,008	*	*	*	4,494	1,827	2,668	455	192	263
Konta Special	9,517	6,199	3,318	*	-	*	9,332	5,375	3,957	*	*	*
Silite	65,148	44,086	21,063	3,606	*	2,321	25,770	8,926	16,844	7,677	5,113	2,564
<b>Sidama</b>	<b>267,841</b>	<b>107,210</b>	<b>160,630</b>	<b>19,225</b>	<b>15,666</b>	*	<b>49,134</b>	<b>21,410</b>	<b>27,725</b>	<b>10,142</b>	*	<b>6,710</b>
<b>Gambela</b>	<b>10,726</b>	<b>6,097</b>	<b>4,629</b>	*	*	*	<b>21,860</b>	<b>7,264</b>	<b>14,596</b>	<b>12,528</b>	<b>3,340</b>	<b>9,188</b>
Angewak	*	*	*	*	*	*	*	*	*	-	-	-
Newer	6,064	3,424	2,641	*	*	-	18,438	6,179	12,259	11,715	3,088	8,626
Mejenger	3,051	1,533	1,518	-	-	-	1,448	345	1,102	*	*	*
Itang Special	558	384	173	*	*	-	1,424	522	901	606	197	*
Hareri	5,279	3,332	1,947	*	340	*	4,512	2,282	2,230	445	*	*
Dire Dawa	5,745	3,805	*	*	*	-	5,315	1,497	3,818	*	*	*

## 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
National	8,757,422	5,120,443	3,636,980	4,441,433	3,450,027	991,406	6,514,310	2,435,705	4,078,605	354,946	91,461	263,486
Tigray	357,554	220,271	137,283	357,743	281,251	76,492	200,699	61,718	138,981	*	*	*
North West Tigray	51,616	33,883	17,733	29,671	26,170	*	28,221	*	19,377	*	-	*
Central Tigray	93,433	60,635	32,798	61,579	46,355	15,224	53,999	16,974	37,025	*	-	*
Eastern Tigray	112,696	72,161	40,535	102,186	78,830	23,356	66,184	18,424	47,760	*	*	*
Southern Tigray	33,104	20,497	12,607	68,317	60,587	7,730	21,110	6,313	14,797	*	*	*
Western Tigray	*	9,182	*	*	14,240	*	6,753	*	4,893	-	-	-
South Western Tigra	40,866	23,914	16,952	61,082	55,068	6,014	24,433	9,304	15,130	*	*	*
Afar	1,481,572	880,028	601,544	298,840	219,880	78,960	1,619,142	621,806	997,336	25,779	5,765	20,014
Zone_1 (Awsiresu)	710,684	396,097	314,586	151,286	115,011	36,274	681,745	238,947	442,799	*	*	*
Zone_2 (Kelbetiresu)	135,372	75,764	59,607	34,453	21,517	12,936	192,223	69,601	122,622	2,898	*	2,401
Zone_3 (Gebiresu)	358,938	251,932	107,005	69,711	54,873	14,838	389,533	179,551	209,982	*	*	*
Zone_4 (Fentiresu)	119,788	69,097	50,691	19,577	12,195	7,382	190,121	62,636	127,486	*	-	*
Zone_5 (Hariresu)	156,791	87,137	69,654	23,814	16,285	7,529	165,520	71,072	94,448	13,567	2,968	10,599
Amhara	2,885,236	1,496,550	1,388,685	2,217,136	1,738,025	479,111	1,802,595	628,989	1,173,606	103,409	27,198	76,211
North Gonder	127,024	60,892	66,132	194,066	162,633	31,433	138,706	46,728	91,977	*	*	*
South Gonder	335,880	183,157	152,723	333,547	256,176	77,371	163,441	54,609	108,832	13,747	5,724	8,023
North Wello	252,572	120,418	132,154	243,133	181,039	62,094	180,580	66,443	114,137	*	*	*
South Wello	458,803	234,571	224,231	169,069	126,281	42,788	270,260	106,467	163,793	*	*	*
North Shewa	412,180	241,107	171,073	255,219	213,764	41,455	291,935	117,546	174,390	*	*	*
East Gojjam	281,998	122,207	159,791	322,146	225,427	96,719	166,626	37,030	129,596	*	*	*
West Gojjam	497,514	250,472	247,042	248,863	193,266	55,596	261,541	89,024	172,517	6,628	-	6,628
Waghimra	42,981	24,407	18,574	24,306	19,692	4,614	68,391	21,866	46,525	*	*	*
awi	122,291	71,660	50,631	195,288	150,678	44,609	69,812	26,268	43,544	*	*	*
Oromiya Spe.Zone	*	*	*	2,578	1,855	*	13,058	6,858	6,199	*	*	*
Central Gonder	285,498	144,534	140,964	220,174	200,324	19,849	168,320	53,135	115,185	*	-	*
West Gonder	7,148	4,137	3,011	8,748	6,889	*	9,925	3,015	6,909	*	-	*
Oromiya	2,263,740	1,440,790	822,950	704,553	524,977	179,576	1,349,115	519,125	829,990	90,551	19,539	71,012
West Wollega	124,173	55,452	68,721	-	-	-	99,952	41,275	58,678	*	*	*
East Wollega	61,223	45,382	15,841	*	*	*	35,619	13,175	22,444	*	*	*
Ilu Ababor	58,057	27,265	30,792	24,199	19,305	4,895	46,611	22,925	23,686	*	-	*
Jimma	174,900	104,202	70,698	42,235	30,142	12,093	173,733	67,301	106,432	31,662	-	31,662
West Shewa	232,067	133,222	98,846	66,721	55,858	10,864	173,773	59,254	114,519	*	*	*
North Shewa	245,702	161,541	84,161	216,561	127,461	89,100	209,191	83,321	125,870	*	*	*
East Shewa	99,694	73,975	25,719	28,847	27,441	1,406	30,931	8,882	22,049	-	-	-
Arusi	341,253	210,633	130,620	50,079	36,853	13,226	99,911	35,046	64,865	*	*	*
West Hararghe	38,331	23,896	14,435	3,279	*	*	15,241	5,412	9,829	*	-	*
East Hararge	55,026	28,087	26,939	23,241	23,241	-	51,495	27,257	24,238	*	-	*
Bale	37,541	18,470	19,071	6,163	5,373	*	13,257	5,729	7,528	-	-	-
Borena	43,525	29,021	14,504	8,835	6,432	2,403	61,376	23,236	38,140	*	*	*
South West Shewa	77,324	50,699	26,625	30,750	26,582	*	33,382	12,038	21,344	*	*	-
Guji	103,489	68,808	34,681	20,232	14,522	*	55,652	24,266	31,387	*	*	*
West Guji	30,905	15,315	15,590	10,649	10,649	-	21,473	7,913	13,560	*	-	*
Oromiya Special Zon	107,225	74,479	32,746	99,414	79,844	19,570	92,272	28,488	63,784	3,032	*	*
West Arsi	233,825	159,237	74,588	36,065	26,496	9,569	74,219	*	48,257	*	*	*
Kelem Wollega	*	*	*	*	*	-	20,092	13,225	*	-	-	-
Horo Guduru												
Wollega	12,283	8,055	4,228	12,295	11,193	1,102	14,764	4,866	9,897	*	*	*
Buno Bedele	21,684	11,953	9,731	4,638	3,894	*	19,280	6,627	12,654	*	-	*
East Bale	14,362	*	3,047	*	*	*	6,891	*	3,963	*	*	*

TABLE 3-20 – b CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>1,013,274</b>	<b>689,189</b>	<b>324,086</b>	<b>630,160</b>	<b>499,995</b>	<b>130,165</b>	<b>881,348</b>	<b>358,047</b>	<b>523,301</b>	<b>70,660</b>	<b>25,401</b>	<b>45,259</b>
Siti	30,307	22,493	7,814	12,204	10,901	1,303	15,099	5,443	9,657	*	*	*
Fafan	36,499	31,510	4,989	13,674	8,328	5,346	16,844	6,070	10,774	3,759	1,542	2,217
Jerer	230,008	185,612	44,396	148,589	132,541	16,048	4,956	3,183	*	1,677	*	*
Erer	30,085	23,239	6,846	18,787	15,082	3,704	20,329	7,459	12,870	*	*	*
Korahe	38,404	23,945	14,460	44,974	31,725	13,249	47,656	14,872	32,783	10,750	3,332	7,418
Shebele	131,571	83,714	47,856	73,566	48,769	24,796	96,506	35,829	60,677	11,886	4,381	7,504
Dollo	115,347	70,975	44,371	88,475	65,371	23,104	11,265	5,281	5,984	*	*	-
Afder	135,847	79,548	56,300	72,518	53,352	19,166	291,436	125,217	166,219	18,180	6,370	11,810
Liben	169,144	109,188	59,956	96,567	79,652	16,916	241,701	94,838	146,863	14,548	6,368	8,180
Nogob	79,895	48,630	31,265	50,657	45,907	4,750	117,511	52,852	64,659	1,536	558	978
Dawa	16,167	10,335	5,833	10,150	8,368	1,782	18,046	7,005	11,041	*	*	*
<b>Benishangul Gumuz</b>	<b>24,546</b>	<b>12,127</b>	<b>12,418</b>	<b>17,217</b>	<b>15,407</b>	<b>1,809</b>	<b>24,820</b>	<b>10,340</b>	<b>14,480</b>	*	*	-
Assosa	7,148	3,648	*	3,701	3,220	*	5,022	2,023	2,999	*	*	-
Metekel	14,521	*	7,493	11,591	10,450	*	*	*	*	-	-	-
Kemashi	*	*	*	*	*	-	5,071	1,900	*	-	-	-
Mao Ena Komo	1,251	627	624	*	103	*	2,879	1,110	1,769	-	-	-
<b>SNNP</b>	<b>607,068</b>	<b>325,343</b>	<b>281,725</b>	<b>194,679</b>	<b>152,221</b>	<b>42,458</b>	<b>565,514</b>	<b>207,573</b>	<b>357,941</b>	<b>50,668</b>	<b>11,871</b>	<b>38,797</b>
Gurage	45,227	19,356	25,872	23,600	21,242	2,358	67,793	21,640	46,152	*	*	*
Hadiya	38,977	20,037	18,940	23,082	16,258	6,823	51,412	17,694	33,718	4,978	*	4,151
Kembata Tembaro	7,234	4,337	2,897	*	*	-	5,938	1,138	4,800	*	-	*
Gedeo	58,929	29,707	29,221	8,769	7,040	*	*	8,602	*	-	-	-
Welayta	29,640	16,721	12,919	*	*	*	25,397	9,406	15,991	*	*	1,756
South Omo	80,635	49,787	30,848	38,281	25,607	12,674	80,519	35,809	44,711	*	*	4,510
Sheka	16,918	6,259	10,659	*	*	2,414	13,232	5,116	8,116	*	-	*
Kefa	77,519	46,843	30,676	40,195	32,721	7,475	79,538	32,658	46,881	13,609	*	10,945
Gamo Gofa	109,007	52,609	56,397	5,696	*	*	72,247	23,292	48,955	*	*	*
Bench Maji	30,369	16,774	13,595	7,647	6,298	1,349	41,122	15,010	26,112	*	*	*
Yem Special	4,067	1,588	2,479	243	*	177	2,147	486	1,662	180	-	180
Segen Peoples'	36,346	25,602	10,744	6,744	4,458	*	24,701	7,375	17,326	2,428	*	2,029
Alaba Special	9,776	5,089	4,687	10,412	9,118	*	15,296	6,313	8,983	2,364	*	1,678
Dawro	5,899	2,608	3,291	*	*	-	5,117	2,078	*	*	*	*
Basketo Special	3,459	2,199	1,259	923	689	*	4,171	1,580	2,591	694	*	562
Konta Special	2,616	1,931	685	-	-	-	1,338	752	*	-	-	-
Silite	50,450	23,895	26,554	17,713	16,008	*	52,171	18,625	33,546	3,863	*	3,532
<b>Sidama</b>	<b>111,336</b>	<b>46,770</b>	<b>64,566</b>	<b>14,172</b>	<b>12,183</b>	*	<b>53,428</b>	<b>22,879</b>	<b>30,549</b>	*	-	*
<b>Gambela</b>	<b>2,612</b>	<b>1,670</b>	<b>942</b>	<b>934</b>	<b>724</b>	<b>210</b>	<b>2,945</b>	<b>720</b>	<b>2,225</b>	*	*	*
Angewak	*	*	*	-	-	*	-	*	-	-	-	-
Newer	*	*	*	-	-	-	*	*	*	-	-	-
Mejenger	2,253	1,395	858	928	718	210	*	*	*	*	-	*
Itang Special	*	*	*	*	*	-	*	*	*	*	*	*
Hareri	*	*	*	*	*	-	*	*	*	-	-	-
<b>Dire Dawa</b>	<b>10,201</b>	<b>7,610</b>	<b>2,591</b>	<b>5,674</b>	<b>5,039</b>	*	<b>14,171</b>	<b>4,162</b>	<b>10,009</b>	<b>1,266</b>	<b>466</b>	<b>800</b>

### 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
National	9,678,712	5,694,319	3,984,393	3,982,556	2,933,493	1,049,064	8,736,659	3,281,590	5,455,070	429,420	137,087	292,333
Tigray	866,264	527,496	338,769	567,845	426,591	141,255	648,517	201,764	446,754	14,927	6,935	*
NorthW. Tigray	435,071	261,302	173,769	243,964	191,057	52,907	328,095	100,278	227,817	*	*	*
Central Tigray	153,381	93,730	59,651	89,425	60,107	29,319	71,372	19,624	51,748	*	*	-
Eastern Tigray	31,380	21,378	10,002	31,189	24,261	*	53,338	16,474	36,864	-	-	-
Southern Tigray	28,219	15,873	12,346	29,506	21,842	7,665	16,321	5,405	10,916	*	-	*
Western Tigray	129,220	75,878	53,343	116,249	85,939	30,310	131,065	42,906	88,160	*	*	*
South Western Tigray	88,993	59,334	29,659	57,512	43,385	14,128	48,326	17,077	31,249	*	*	*
Afar	2,496,310	1,448,217	1,048,094	564,296	388,271	176,025	2,714,744	993,405	1,721,339	42,911	8,086	34,825
Zone_1 (Awsiresu)	1,065,379	592,515	472,865	239,638	165,853	73,784	1,041,408	337,994	703,414	*	*	*
Zone_2 (Kelbiresu)	403,106	230,016	173,090	114,132	73,552	40,581	564,780	208,230	356,550	3,713	-	3,713
Zone_3 (Gebiresu)	496,505	333,835	162,670	117,199	89,691	27,508	516,561	228,194	288,368	*	*	*
Zone_4 (Fentiresu)	208,712	118,446	90,266	29,448	19,071	10,377	279,521	94,180	185,341	1,817	*	970
Zone_5 (Hariresu)	322,608	173,405	149,203	63,880	40,105	23,775	312,474	124,808	187,666	30,090	4,769	25,321
Amhara	1,790,900	934,709	856,191	902,586	644,612	257,974	1,598,469	648,105	950,363	43,767	12,647	31,120
North Gonder	169,928	82,810	87,118	87,264	62,976	24,288	132,651	56,421	76,230	*	*	*
South Gonder	237,884	119,227	118,657	181,646	137,465	44,181	180,014	77,705	102,309	*	-	*
North Wello	183,664	79,520	104,144	78,507	48,129	30,378	144,679	52,342	92,336	*	-	*
South Wello	357,397	200,830	156,567	135,068	82,713	52,355	350,540	140,827	209,712	11,941	*	*
North Shewa	163,404	95,209	68,195	67,973	50,577	17,397	293,762	133,806	159,955	*	*	*
East Gojjam	54,011	23,238	30,773	49,523	37,302	12,221	60,643	15,317	45,326	*	*	*
West Gojjam	80,340	52,521	27,819	*	11,475	*	54,859	23,508	31,351	*	*	*
Waghimra	129,967	65,825	64,142	51,757	38,398	13,359	75,691	24,530	51,160	*	*	*
Awi	*	*	*	14,657	9,110	5,547	20,400	9,018	*	-	-	-
Oromiya Sp Zone	88,288	47,923	40,364	18,926	13,334	5,592	33,993	12,358	21,635	*	*	*
Central Gonder	254,895	127,282	127,613	159,880	122,654	37,226	205,516	84,303	121,213	*	*	*
West Gonder	50,183	27,727	22,456	39,130	30,479	8,652	45,721	17,968	27,754	1,752	*	1,274
Oromiya	1,734,238	993,721	740,517	427,292	336,778	90,514	1,019,983	388,339	631,644	83,310	24,374	58,936
West Wollega	*	-	*	-	-	-	9,887	*	*	*	-	*
East Wollega	29,483	18,949	10,534	3,425	3,425	-	42,958	17,490	25,468	*	*	*
Ilu Ababor	*	*	*	5,061	3,872	*	25,705	9,085	16,620	*	*	*
Jimma	116,009	53,461	62,548	31,829	23,221	8,608	109,812	42,580	67,233	6,356	-	6,356
West Shewa	55,543	30,625	24,918	15,303	11,939	3,364	57,164	26,369	30,795	*	*	-
North Shewa	35,407	23,480	11,927	45,715	33,326	12,389	14,271	6,029	8,241	*	-	*
East Shewa	85,390	52,759	32,631	23,394	20,308	*	19,527	7,665	11,862	*	*	*
Arsi	294,430	185,250	109,179	32,890	27,719	*	89,791	40,486	49,306	*	*	*
West Hararghe	227,056	130,332	96,724	24,004	22,463	*	87,707	25,120	62,587	5,394	*	4,420
East Hararge	259,157	134,116	125,041	32,621	26,967	5,654	161,715	54,193	107,522	9,139	3,318	5,821
Bale	127,708	70,627	57,081	39,422	25,979	13,443	53,473	19,242	34,231	*	3,328	*
Borena	69,545	44,662	24,883	16,876	10,390	6,486	57,544	19,810	37,734	9,955	*	6,437
South West Shewa	70,506	45,813	24,694	18,408	16,376	2,032	59,452	18,924	40,528	-	-	-
Guji	77,404	47,775	29,629	*	*	*	21,485	9,219	12,266	-	-	-
West Guji	*	*	*	*	*	*	*	*	*	*	*	*
Oromiya Special Zon	10,296	4,392	5,904	*	*	-	*	*	*	-	-	-
West Arsi	56,822	25,475	31,347	*	*	*	63,441	25,123	38,318	*	-	*
Kelem Wollega	13,680	10,038	3,641	*	*	*	*	*	*	*	-	*
Horo Guduru Wolllega	21,014	12,718	8,297	15,118	12,990	2,128	18,088	8,517	9,572	*	*	*
Buno Bedele	17,440	8,989	8,451	4,069	*	*	24,100	8,567	15,533	*	-	*
East Bale	94,429	59,415	35,014	50,684	38,154	*	49,228	15,422	33,806	13,079	7,377	5,702

TABLE 3-20 – c CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>2,056,985</b>	<b>1,377,334</b>	<b>679,651</b>	<b>1,259,533</b>	<b>937,365</b>	<b>322,168</b>	<b>2,104,195</b>	<b>798,286</b>	<b>1,305,909</b>	<b>184,554</b>	<b>64,496</b>	<b>120,057</b>
Siti	83,223	60,899	22,323	29,578	24,210	5,369	54,477	23,510	30,967	3,579	1,523	2,057
Fafan	29,527	24,055	5,471	18,009	13,477	4,532	7,925	3,442	4,483	1,834	780	1,055
Jerer	311,065	246,479	64,586	266,153	224,657	41,496	5,373	3,692	1,681	6,909	3,469	3,440
Erer	100,452	64,619	35,833	108,104	69,803	38,300	72,031	29,993	42,039	2,690	-	2,690
Korahe	49,698	33,627	16,071	55,266	38,552	16,714	73,574	19,300	54,275	18,844	5,620	13,224
Shebele	324,948	236,129	88,819	128,036	80,504	47,533	273,321	137,468	135,853	70,168	22,273	47,896
Dollo	159,434	97,039	62,395	163,332	107,058	56,274	41,666	15,928	25,737	*	*	*
Afder	343,784	210,750	133,034	153,230	107,425	45,805	681,781	262,324	419,457	32,742	12,075	20,667
Liben	523,725	321,179	202,546	267,714	212,280	55,434	730,107	230,647	499,460	35,567	13,133	22,434
Nogob	89,378	56,543	32,835	48,980	42,747	6,232	114,150	53,614	60,536	2,364	1,056	1,308
Dawa	41,753	26,015	15,738	21,132	16,652	4,480	49,790	18,369	31,421	*	*	*
<b>Benishangul Gumuz</b>	<b>95,982</b>	<b>53,655</b>	<b>42,327</b>	<b>65,566</b>	<b>47,909</b>	<b>17,657</b>	<b>162,319</b>	<b>66,366</b>	<b>95,953</b>	*	*	*
Assosa	31,421	17,273	14,148	24,643	18,461	6,181	96,347	39,516	56,831	*	*	*
Metekel	42,427	23,242	19,186	31,760	22,891	8,869	25,013	9,242	15,771	*	*	*
Kemashi	*	*	7,561	8,928	6,337	2,591	*	15,294	*	-	-	-
Mao Ena Komo	2,653	1,220	1,433	236	220	*	5,824	2,314	3,511	-	-	-
<b>SNNP</b>	<b>510,766</b>	<b>286,590</b>	<b>224,176</b>	<b>172,767</b>	<b>132,578</b>	<b>40,188</b>	<b>393,627</b>	<b>151,386</b>	<b>242,241</b>	<b>54,623</b>	<b>18,551</b>	<b>36,072</b>
Gurage	12,167	6,476	5,691	10,312	*	*	28,231	10,545	17,685	*	*	*
Hadiya	40,399	20,928	19,471	22,293	14,499	7,794	23,190	6,980	16,210	*	*	*
Kembata Tembaro	9,698	5,072	4,626	2,853	*	*	8,357	*	5,883	2,852	*	*
Gedeo	*	*	*	-	-	-	*	*	*	-	-	-
Welayta	24,255	*	11,344	-	-	-	*	7,100	*	*	*	*
South Omo	159,327	108,078	51,249	66,513	48,135	18,378	121,666	49,305	72,361	17,276	9,207	8,069
Sheka	*	*	*	*	*	-	*	*	*	*	*	*
Kefa	26,920	15,468	11,452	24,356	*	4,178	31,281	13,196	18,085	7,744	1,242	6,501
Gamo Gofa	87,020	40,006	47,014	*	*	-	49,484	22,684	26,800	11,962	*	8,517
Bench Maji	7,077	4,634	2,444	*	*	*	12,383	4,582	7,801	*	-	*
Yem Liyu	6,555	3,161	3,394	166	*	*	9,830	2,634	7,195	495	*	460
Segen Akababi Hizbo	49,529	30,641	18,888	9,610	6,314	*	24,429	8,243	16,186	*	*	*
Alaba Special	15,432	7,663	7,768	6,547	5,657	*	16,891	6,244	10,647	*	*	*
Dawro	11,307	5,553	5,754	*	*	-	9,152	3,939	5,213	*	-	*
Basketo Special	4,937	2,253	2,683	*	*	*	3,279	1,125	2,154	*	*	*
Konta Liyu	4,820	3,251	1,569	*	*	*	3,917	1,593	2,324	*	-	*
Silite	42,079	17,242	24,837	12,784	11,181	*	28,343	8,128	20,214	*	-	*
<b>Sidama</b>	<b>67,150</b>	<b>26,402</b>	<b>40,749</b>	*	-	*	<b>15,651</b>	<b>6,338</b>	*	-	-	-
<b>Gambela</b>	<b>4,373</b>	<b>2,692</b>	<b>1,681</b>	<b>737</b>	<b>564</b>	*	<b>16,743</b>	<b>7,268</b>	<b>9,475</b>	<b>755</b>	*	*
Angewak	851	426	425	248	*	*	3,762	1,860	1,902	*	*	*
Newer	2,338	1,677	660	-	-	-	11,379	4,711	6,668	*	*	*
Mejenger	*	*	*	319	*	*	634	*	*	-	-	-
Itang Special	534	338	196	*	*	*	967	414	553	*	*	*
Hareri	<b>8,892</b>	<b>5,838</b>	<b>3,055</b>	<b>9,655</b>	<b>8,765</b>	<b>890</b>	<b>12,982</b>	<b>5,133</b>	<b>7,849</b>	<b>668</b>	*	<b>583</b>
<b>Dire Dawa</b>	<b>46,852</b>	<b>37,667</b>	<b>9,184</b>	<b>11,206</b>	<b>10,060</b>	<b>1,146</b>	<b>49,430</b>	<b>15,199</b>	<b>34,231</b>	<b>2,962</b>	<b>980</b>	<b>1,982</b>

**d. Horses**

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>201,846</b>	<b>127,549</b>	<b>74,297</b>	<b>164,642</b>	<b>79,379</b>	<b>85,263</b>	<b>15,603</b>	*	<b>7,178</b>
<b>Tigray</b>	-	-	-	-	-	-	*	*	-
North West Tigray	-	-	-	-	-	-	*	*	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
South Western Tigray	-	-	-	-	-	-	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	<b>56,193</b>	<b>29,570</b>	<b>26,623</b>	<b>36,618</b>	<b>17,362</b>	<b>19,256</b>	*	-	*
North Gonder	2,427	*	*	4,276	1,611	*	-	-	-
South Gonder	*	*	*	*	*	*	-	-	-
North Wello	*	*	*	*	*	*	-	-	-
South Wello	9,708	4,921	*	*	-	*	-	-	-
North Shewa	5,663	2,448	*	*	*	*	*	*	*
East Gojjam	8,134	4,764	3,370	*	2,578	*	-	-	-
West Gojjam	*	*	*	*	*	-	*	-	*
Waghimra	-	-	-	-	-	-	-	-	-
Awi	*	7,347	*	5,273	*	*	*	*	*
Oromiya Special Zone	-	-	-	-	-	-	-	-	-
Central Gonder	*	*	*	*	-	*	-	-	-
West Gonder	-	-	-	-	-	-	-	-	-
<b>Oromiya</b>	<b>115,242</b>	<b>77,680</b>	<b>37,562</b>	<b>87,390</b>	<b>42,621</b>	<b>44,769</b>	<b>3,908</b>	*	<b>3,122</b>
West Wollega	*	-	*	*	-	*	-	-	-
East Wollega	-	-	-	-	-	-	-	-	-
Ilu Ababor	7,558	3,756	3,802	10,503	*	7,467	-	-	-
Jimma	18,400	12,638	*	*	*	*	*	-	*
West Shewa	11,236	8,408	*	30,398	15,811	14,587	*	-	*
North Shewa	10,281	*	3,709	*	*	*	*	-	*
East Shewa	*	*	-	1,550	1,550	-	-	-	-
Arsi	29,793	16,633	13,160	10,317	*	5,958	-	-	-
West Hararghe	*	-	*	-	-	-	-	-	-
East Hararge	-	-	-	-	-	-	-	-	-
Bale	6,878	4,750	*	*	*	*	*	*	*
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	8,499	8,127	*	3,569	3,201	*	-	-	-
Guji	*	*	*	6,313	*	*	-	-	-
West Guji	*	*	-	*	*	*	-	-	-
Oromiya Special Zon	2,937	1,678	*	3,139	1,487	*	-	-	-
West Arsi	5,294	4,717	*	*	*	*	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	*	705	*	*	*	*	-	-	-
Buno Bedele	*	*	*	*	*	*	-	-	-
East Bale	*	*	*	*	*	-	*	*	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	*	*	*	*	*	*	*	*	-
Siti	-	-	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	*	*	-
Jerer	*	*	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-
Dollo	*	*	-	*	*	*	-	-	-
Afder	-	-	-	-	-	-	-	-	-
Liben	*	*	*	-	-	-	-	-	-
Nogob	-	-	-	*	*	*	-	-	-
Dawa	-	-	-	-	-	-	-	-	-
<b>Benishangul Gumuz</b>	-	-	-	-	-	-	-	-	-
Assosa	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Kemashi	-	-	-	-	-	-	-	-	-
Mao Ena Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	<b>26,460</b>	<b>16,857</b>	<b>9,603</b>	<b>35,371</b>	<b>18,366</b>	<b>17,005</b>	*	*	-
Gurage	5,950	4,730	*	3,086	*	*	-	-	-
Hadiya	2,162	*	*	*	*	*	-	-	-
Kembata Tembaro	-	-	-	*	*	-	-	-	-
Gedeo	1,328	1,328	-	*	*	*	-	-	-
Welayta	*	*	-	-	-	-	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Sheka	*	*	*	2,553	*	*	-	-	-
Kefa	5,724	4,776	*	9,519	5,924	3,595	-	-	-
Gamo Gofa	*	*	*	*	*	*	*	*	-
Bench Maji	*	*	*	2,475	*	*	-	-	-
Yem Liyu	-	-	-	*	*	*	-	-	-
Segen Peoples'	-	-	-	-	-	-	-	-	-
Alaba Special	*	*	-	507	408	*	*	*	-
Dawro	*	*	-	*	-	*	-	-	-
Basketo Special	-	-	-	-	-	-	-	-	-
Konta Special	*	-	*	-	-	-	-	-	-
Silite	*	*	*	*	*	*	-	-	-
<b>Sidama</b>	-	-	-	*	-	*	-	-	-
Gambela	-	-	-	-	-	-	-	-	-
Angewak	-	-	-	-	-	-	-	-	-
Newer	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Hareri</b>	-	-	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	-	-	-	-	-

**e. Donkeys**

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>683,124</b>	<b>422,338</b>	<b>260,786</b>	<b>630,603</b>	<b>323,831</b>	<b>306,772</b>	<b>33,363</b>	<b>19,005</b>	<b>14,358</b>
<b>Tigray</b>	<b>43,217</b>	<b>30,017</b>	<b>13,200</b>	<b>36,258</b>	<b>18,499</b>	<b>17,759</b>	-	-	-
North West Tigray	8,155	5,143	3,012	15,882	6,781	*	-	-	-
Central Tigray	6,513	4,865	1,648	3,946	3,101	*	-	-	-
Eastern Tigray	8,152	5,363	2,788	3,965	1,272	2,693	-	-	-
Southern Tigray	5,388	3,426	1,962	2,254	*	1,252	-	-	-
Western Tigray	4,101	2,994	1,107	3,057	2,319	*	-	-	-
South Western Tigray	10,907	8,225	2,683	7,153	4,023	3,130	-	-	-
<b>Afar</b>	<b>16,381</b>	<b>10,934</b>	<b>5,447</b>	<b>20,146</b>	<b>10,109</b>	<b>10,037</b>	*	-	*
Zone_1 (Awsiresu)	*	5,059	*	3,707	1,779	1,928	-	-	-
Zone_2 (Kelbetiresu)	850	*	*	6,568	4,295	2,273	-	-	-
Zone_3 (Gebiresu)	3,598	2,402	1,196	4,884	2,188	2,696	-	-	-
Zone_4 (Fentiresu)	*	*	290	3,081	1,057	2,024	*	-	*
Zone_5 (Hariresu)	2,709	2,359	349	1,906	790	1,116	-	-	-
<b>Amhara</b>	<b>285,295</b>	<b>170,717</b>	<b>114,578</b>	<b>274,831</b>	<b>131,660</b>	<b>143,171</b>	<b>14,391</b>	*	<b>5,000</b>
North Gonder	10,092	5,470	4,622	12,202	5,361	6,841	*	*	-
South Gonder	49,291	29,552	19,740	29,566	12,033	17,533	-	-	-
North Wello	22,383	13,675	8,708	16,352	8,819	7,533	*	*	*
South Wello	52,265	32,793	19,471	27,448	15,167	12,281	3,000	*	*
North Shewa	25,394	18,331	7,063	49,853	21,835	28,017	*	-	*
East Gojjam	28,111	12,844	15,267	43,013	24,791	18,222	*	-	*
West Gojjam	32,020	17,897	14,123	44,493	15,885	28,608	*	*	*
Waghimra	18,172	11,281	6,891	6,357	2,149	4,208	*	*	-
awi	6,116	3,049	*	7,677	4,183	3,494	-	-	-
Oromiya Special Zon	3,370	1,877	1,492	4,247	2,184	2,063	*	-	*
Central Gonder	34,590	20,543	14,047	29,435	15,323	14,112	-	-	-
West Gonder	3,492	3,406	*	4,189	3,931	*	*	*	-
<b>Oromiya</b>	<b>231,607</b>	<b>136,194</b>	<b>95,413</b>	<b>199,310</b>	<b>109,476</b>	<b>89,834</b>	<b>10,033</b>	<b>6,700</b>	<b>3,333</b>
West Wollega	7,978	*	*	15,749	*	8,023	-	-	-
East Wollega	6,111	3,603	2,508	7,806	3,480	4,326	*	-	*
Ilu Ababor	4,314	3,929	*	6,184	3,684	*	*	*	-
Jimma	16,937	11,919	*	22,359	13,270	9,089	*	*	-
West Shewa	9,368	6,458	2,909	14,758	6,787	7,970	*	*	-
North Shewa	21,437	12,302	9,135	19,458	8,878	10,580	-	-	-
East Shewa	14,632	5,899	8,733	6,830	3,380	3,450	-	-	-
Arsi	46,935	26,095	20,840	15,724	*	5,901	-	-	-
West Hararghe	20,849	12,513	8,336	7,461	2,583	4,877	2,148	*	*
East Hararge	8,783	5,582	*	19,499	10,998	8,501	*	*	*
Bale	12,060	7,075	4,985	4,859	4,138	*	*	*	-
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	12,089	7,155	4,934	6,758	*	4,765	*	*	-
Guji	*	*	-	*	*	*	-	-	-
West Guji	*	-	*	*	*	-	-	-	-
<b>Oromiya Special Zon</b>	<b>9,039</b>	<b>4,868</b>	<b>4,170</b>	<b>12,414</b>	<b>6,965</b>	<b>5,449</b>	-	-	-
West Arsi	22,327	13,592	8,735	7,287	2,982	*	-	-	-
Kelem Wollega	6,896	*	*	*	*	*	-	-	-
Horo Guduru Wollega	2,730	2,251	*	9,140	7,262	1,878	*	*	-
Buno Bedele	1,871	1,336	*	1,556	552	*	*	*	-
East Bale	4,282	3,505	*	4,581	2,504	*	*	-	*

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	<b>24,619</b>	<b>15,399</b>	*	<b>39,072</b>	<b>16,790</b>	<b>22,282</b>	*	*	*
Siti	*	*	-	556	*	*	-	-	-
Fafan	*	*	*	*	*	*	-	-	-
Jerer	*	*	-	*	-	*	-	-	-
Erer	*	648	*	1,807	1,041	766	-	-	-
Korahe	*	-	*	*	*	*	*	*	*
Shebele	*	*	*	*	6,378	*	*	*	-
Dollo	*	*	*	*	*	-	-	-	-
Afder	6,233	5,122	1,111	7,140	3,484	3,656	-	-	-
Liben	3,860	2,386	*	*	2,977	*	-	-	-
Nogob	*	*	*	3,845	2,216	1,628	*	*	*
Dawa	*	*	-	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	<b>9,217</b>	<b>7,731</b>	<b>1,486</b>	<b>10,994</b>	<b>7,921</b>	<b>3,073</b>	*	*	*
Assosa	3,668	2,758	910	5,544	3,369	2,175	-	-	-
Metekel	*	*	*	2,754	2,754	-	-	-	-
Kemashi	*	*	-	*	*	*	*	*	-
Mao Ena Komo	261	138	123	662	431	230	*	-	*
<b>SNNP</b>	<b>63,741</b>	<b>43,786</b>	<b>19,955</b>	<b>44,435</b>	<b>24,657</b>	<b>19,779</b>	<b>7,082</b>	<b>1,537</b>	<b>5,545</b>
Gurage	5,859	*	*	5,843	3,307	*	*	-	*
Hadiya	16,847	12,782	4,065	11,932	5,815	6,116	2,364	*	*
Kembata Tembaro	5,220	4,724	*	3,592	3,102	*	*	*	-
Gedeo	*	*	*	*	*	-	-	-	-
Welayta	5,505	5,117	*	*	*	-	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Sheka	-	-	-	-	-	-	*	-	*
Kefa	*	*	*	*	*	-	-	-	-
Gamo Gofa	8,342	*	*	*	*	*	-	-	-
Bench Maji	*	*	*	*	*	-	-	-	-
Yem Special	488	204	284	411	273	138	*	*	-
Segen Peoples'	*	1,144	*	*	*	*	-	-	-
Alaba Special	3,704	1,893	1,811	3,631	1,522	2,109	1,357	609	*
Dawro	600	600	-	*	970	*	-	-	-
Basketo Special	*	*	*	*	-	*	-	-	-
Konta Special	*	*	-	*	*	-	-	-	-
Silite	10,261	4,254	6,008	6,623	2,404	4,219	2,319	-	2,319
<b>Sidama</b>	*	<b>7,011</b>	*	*	*	-	-	-	-
<b>Gambela</b>	*	*	-	*	*	*	-	-	-
Angewak	*	*	-	*	*	*	-	-	-
Newer	-	-	-	*	*	-	-	-	-
Mejenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Hareri	396	*	*	1,109	917	*	*	*	-
<b>Dire Dawa</b>	<b>392</b>	*	*	<b>831</b>	*	<b>624</b>	-	-	-

**f. Mules**

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>61,191</b>	<b>31,922</b>	<b>29,269</b>	<b>21,254</b>	<b>12,557</b>	<b>8,697</b>	*	*	*
<b>Tigray</b>	*	*	*	*	*	-	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
South Western Tigray	*	-	*	-	-	-	-	-	-
<b>Afar</b>	-	-	-	*	*	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	*	*	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	<b>36,914</b>	<b>16,302</b>	<b>20,613</b>	<b>9,856</b>	<b>5,879</b>	<b>3,977</b>	*	*	-
North Gonder	*	*	-	*	*	-	-	-	-
South Gonder	*	*	*	2,479	*	*	-	-	-
North Wello	4,720	*	3,126	*	-	*	-	-	-
South Wello	4,132	-	4,132	-	-	-	-	-	-
North Shewa	*	-	*	*	-	*	*	*	-
East Gojjam	*	*	*	*	*	*	-	-	-
West Gojjam	10,459	*	6,815	*	*	*	*	*	*
Waghimra	*	*	-	-	-	-	-	-	-
awi	3,744	2,775	*	*	*	-	-	-	-
Oromiya Special Zon	-	-	-	-	-	-	-	-	-
Central Gonder	-	-	-	*	-	*	-	-	-
West Gonder	-	-	-	-	-	-	-	-	-
<b>Oromiya</b>	<b>11,362</b>	<b>6,026</b>	<b>5,336</b>	<b>6,501</b>	<b>3,002</b>	<b>3,499</b>	*	*	*
West Wollega	-	-	-	-	-	-	-	-	-
East Wollega	*	-	*	-	-	-	-	-	-
Ilu Ababor	*	*	-	*	*	-	-	-	-
Jimma	2,863	*	*	*	-	*	*	-	*
West Shewa	*	*	-	-	-	-	-	-	-
North Shewa	*	*	*	*	*	*	-	-	-
East Shewa	-	-	-	-	-	-	-	-	-
Arsi	*	*	*	*	*	-	*	-	-
West Hararghe	-	-	-	*	*	-	-	-	-
East Hararge	-	-	-	-	-	-	-	-	-
Bale	*	*	-	*	*	-	-	-	-
Borena	*	*	-	-	-	-	-	-	-
South West Shewa	*	-	*	*	*	*	-	-	-
Guji	-	-	-	-	-	-	-	-	-
West Guji	-	-	-	-	-	-	-	-	-
<b>Oromiya Special Zon</b>	*	*	-	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	*	*	*	*	-	*	*	*	-
Buno Bedele	-	-	-	-	-	-	-	-	-
East Bale	*	*	*	-	-	-	-	-	-

TABLE 3-20 – f CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalie</b>	*	*	*	-	-	-	*	*	*
Siti	-	-	-	-	-	-	-	-	-
Fafan	-	-	-	-	-	-	-	-	-
Jerer	-	-	-	-	-	-	-	-	-
Erer	-	-	-	-	-	-	-	-	-
Korahe	-	-	-	-	-	-	-	-	-
Shebele	-	-	-	-	-	-	-	-	-
Dollo	-	-	-	-	-	-	-	-	-
Afder	-	-	-	-	-	-	-	-	-
Liben	*	*	*	-	-	-	*	*	*
Nogob	*	*	-	-	-	-	-	-	-
Dawa	-	-	-	-	-	-	-	-	-
<b>Benishangul Gumuz</b>	*	*	*	*	-	*	-	-	-
Assosa	-	-	-	-	-	-	-	-	-
Metekel	*	*	*	*	-	*	-	-	-
Kemashi	-	-	-	-	-	-	-	-	-
Mao Ena Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	<b>7,774</b>	*	*	<b>3,404</b>	<b>2,506</b>	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	*	*	*	-	-	-
Kembata Tembaro	*	*	-	-	-	-	-	-	-
Gedeo	-	-	-	*	*	-	-	-	-
Welayta	*	*	-	-	-	-	-	-	-
South Omo	*	-	*	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-
Kefa	*	*	*	*	*	*	-	-	-
Gamo Gofa	*	*	-	*	*	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Special	*	-	*	-	-	-	-	-	-
Segen Peoples'	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-
Dawro	*	*	-	*	-	*	-	-	-
Basketo Special	-	-	-	*	*	*	-	-	-
Konta Special	*	*	-	*	*	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-
<b>Sidama</b>	-	-	-	-	-	-	-	-	-
<b>Gambela</b>	-	-	-	*	*	-	-	-	-
Angewak	-	-	-	-	-	-	-	-	-
Newer	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Hareri	-	-	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	-	-	-	-	-

## g. Camels

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>National</b>	<b>423,885</b>	<b>293,326</b>	<b>130,559</b>	<b>124,440</b>	<b>88,313</b>	<b>36,127</b>	<b>531,113</b>	<b>200,618</b>	<b>330,496</b>	<b>37,475</b>	<b>14,632</b>	<b>22,843</b>
<b>Tigray</b>	<b>6,593</b>	<b>6,593</b>	-	*	*	-	<b>1,852</b>	<b>1,852</b>	-	*	*	-
North West Tigray	*	*	-	-	-	-	-	-	-	*	*	-
Central Tigray	*	*	-	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	-	*	*	-	-	-	-
Western Tigray	*	*	-	-	-	-	-	-	-	-	-	-
South Western Tigray	-	-	-	-	-	-	*	*	-	-	-	-
<b>Afar</b>	<b>80,697</b>	<b>63,040</b>	<b>17,657</b>	<b>3,907</b>	<b>2,783</b>	<b>1,125</b>	<b>70,506</b>	<b>30,623</b>	<b>39,883</b>	<b>1,816</b>	<b>302</b>	<b>1,514</b>
Zone_1 (Awsiresu)	22,401	18,452	3,949	*	*	-	17,408	10,041	7,367	*	-	*
Zone_2 (Kelbetiresu)	11,509	10,703	*	*	*	*	17,869	5,834	12,035	-	-	-
Zone_3 (Gebiresu)	28,460	19,488	8,972	1,747	1,261	*	17,568	8,573	8,995	-	-	-
Zone_4 (Fentiresu)	5,117	3,485	1,632	358	*	*	7,662	2,808	4,854	*	*	-
Zone_5 (Hariresu)	13,210	10,913	2,297	764	588	175	9,999	3,367	6,632	1,321	253	1,068
<b>Amhara</b>	<b>9,153</b>	<b>9,153</b>	-	*	*	-	<b>3,335</b>	<b>3,335</b>	-	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wello	1,549	1,549	-	*	*	-	*	*	-	-	-	-
South Wello	-	-	-	-	-	-	*	*	-	-	-	-
North Shewa	2,295	2,295	-	-	-	-	-	-	-	-	-	-
East Gojjam	-	-	-	-	-	-	-	-	-	-	-	-
West Gojjam	-	-	-	-	-	-	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-	-	-	-	-	-	-
awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromiya Special Zon	5,309	5,309	-	-	-	-	*	*	-	*	*	-
Central Gonder	-	-	-	-	-	-	-	-	-	-	-	-
West Gonder	-	-	-	-	-	-	*	*	-	-	-	-
<b>Oromiya</b>	<b>24,054</b>	<b>18,329</b>	<b>5,725</b>	*	*	*	<b>23,376</b>	*	*	<b>4,541</b>	*	*
West Wollega	-	-	-	-	-	-	-	-	-	-	-	-
East Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Ilu Ababor	-	-	-	*	*	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	-	-	-	-	-	-
Arsi	*	-	*	-	-	-	-	-	-	-	-	-
West Hararghe	*	*	-	-	-	-	*	*	*	-	-	-
East Hararge	*	*	*	-	-	-	*	*	-	*	-	*
Bale	*	*	*	-	-	-	*	*	*	-	-	-
Borena	8,576	6,760	*	*	*	*	*	*	*	*	*	*
South West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Guji	-	-	-	-	-	-	-	-	-	-	-	-
West Guji	-	-	-	-	-	-	-	-	-	-	-	-
<b>Oromiya Special Zon</b>	-	-	-	-	-	-	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-	-	-	-	-	-	-
East Bale	*	*	*	*	*	-	*	*	*	*	*	*

TABLE 3-20 – g CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somalia</b>	<b>303,092</b>	<b>195,915</b>	<b>107,177</b>	<b>109,865</b>	<b>75,013</b>	<b>34,852</b>	<b>431,701</b>	<b>152,469</b>	<b>279,233</b>	<b>30,161</b>	<b>10,896</b>	<b>19,265</b>
Siti	*	*	*	*	*	-	*	*	*	-	-	-
Fafan	*	1,452	*	*	*	*	-	-	-	-	-	-
Jerer	31,357	22,729	*	4,231	3,814	*	*	*	*	*	-	*
Erer	20,998	14,315	6,683	5,323	3,573	1,750	17,237	7,130	10,107	*	-	*
Korahe	20,688	13,539	7,149	9,336	7,505	*	64,658	14,126	50,532	11,472	4,119	7,352
Shebele	31,139	20,998	*	*	9,354	*	70,617	18,996	51,621	*	*	*
Dollo	57,757	36,694	21,063	39,075	19,541	19,535	*	*	22,425	-	-	-
Afder	53,604	30,603	23,000	5,407	3,072	2,335	104,491	*	59,574	3,846	1,036	2,810
Liben	57,559	37,299	20,260	7,778	6,912	*	100,735	*	65,400	*	*	*
Nogob	22,135	14,240	7,894	19,071	18,266	804	27,920	14,013	13,907	3,472	1,682	1,790
Dawa	5,731	4,005	1,726	3,850	2,071	*	4,596	2,159	2,438	*	*	1,220
<b>Benishangul Gumuz</b>	-	-	-	-	-	-	-	-	-	-	-	-
Assosa	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Kemashi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Ena Komo	-	-	-	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	-	-	-	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Gedeo	-	-	-	-	-	-	-	-	-	-	-	-
Welayta	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-	-	-
Sheka	-	-	-	-	-	-	-	-	-	-	-	-
Kefa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Special	-	-	-	-	-	-	-	-	-	-	-	-
Segen Peoples'	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Special	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Special	-	-	-	-	-	-	-	-	-	-	-	-
Konta Special	-	-	-	-	-	-	-	-	-	-	-	-
Silite	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sidama</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gambela</b>	-	-	-	*	*	-	-	-	-	-	-	-
Angewak	-	-	-	*	*	-	-	-	-	-	-	-
Newer	-	-	-	-	-	-	-	-	-	-	-	-
Mejenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Hareri	-	-	-	-	-	-	*	-	*	-	-	-
<b>Dire Dawa</b>	*	*	-	-	-	-	*	*	*	*	*	*

## h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>National</b>	<b>15,857,426</b>	<b>14,354,131</b>	<b>39,092,904</b>	<b>410,380</b>
<b>Tigray</b>	<b>2,071,718</b>	<b>2,935,718</b>	<b>3,639,329</b>	<b>35,543</b>
North West Tigray	796,362	1,179,645	2,031,276	15,678
Central Tigray	414,800	459,929	456,751	*
Eastern Tigray	226,746	258,133	298,669	3,243
Southern Tigray	90,850	228,060	142,141	3,820
Western Tigray	255,563	382,740	483,777	*
South Western Tigray	287,397	427,210	226,716	3,566
<b>Afar</b>	<b>38,308</b>	<b>14,931</b>	<b>56,322</b>	*
Zone_1 (Awsiresu)	*	*	*	-
Zone_2 (Kelbetiresu)	*	*	*	-
Zone_3 (Gebiresu)	26,134	11,409	30,617	*
Zone_4 (Fentiresu)	-	-	-	-
Zone_5 (Hariresu)	8,853	1,312	19,958	-
<b>Amhara</b>	<b>7,079,384</b>	<b>7,114,052</b>	<b>16,062,190</b>	<b>158,833</b>
North Gonder	356,223	878,281	1,110,081	10,469
South Gonder	1,082,807	996,089	1,685,590	21,333
North Wello	423,694	301,533	670,509	*
South Wello	719,165	359,167	1,194,182	*
North Shewa	656,499	602,335	925,952	18,538
East Gojjam	370,736	226,774	927,525	*
West Gojjam	1,481,827	1,397,935	4,940,485	40,381
Waghimra	170,027	80,910	249,937	*
Awi	462,912	415,979	1,069,989	16,987
Oromiya Special Zon	94,206	37,218	165,944	1,919
Central Gonder	1,119,462	1,680,258	2,840,865	31,696
West Gonder	141,825	137,573	281,131	*
<b>Oromiya</b>	<b>4,443,124</b>	<b>3,051,248</b>	<b>12,359,937</b>	<b>110,197</b>
West Wollega	*	196,074	1,081,480	*
East Wollega	145,564	135,975	615,791	*
Ilu Ababor	156,744	208,413	481,332	6,249
Jimma	386,003	286,655	1,748,638	20,144
West Shewa	314,372	363,042	1,033,955	*
North Shewa	151,015	110,840	457,635	*
East Shewa	283,588	233,204	376,830	*
Arsi	598,005	402,129	511,774	8,764
West Hararghe	320,675	170,445	1,052,961	13,587
East Hararge	362,473	43,046	1,519,938	16,576
Bale	145,955	37,899	166,754	*
Borena	24,644	*	38,651	3,417
South West Shewa	174,355	184,219	380,993	*
Guji	352,785	145,470	710,125	*
West Guji	105,425	73,619	339,304	*
<b>Oromiya Special Zon</b>	<b>190,306</b>	<b>63,555</b>	<b>356,167</b>	<b>4,307</b>
West Arsi	229,147	60,495	570,397	*
Kelem Wollega	134,676	122,368	442,213	-
Horo Guduru Wollega	78,530	145,979	257,491	*
Buno Bedele	31,100	37,953	163,358	*
East Bale	40,895	*	54,149	*

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>Somalie</b>	<b>60,206</b>	<b>19,444</b>	<b>77,505</b>	*
Siti	*	*	*	*
Fafan	5,246	-	4,138	-
Jerer	-	-	-	-
Erer	-	-	-	-
Korahe	*	-	-	-
Shebele	30,580	11,092	14,384	*
Dollo	*	-	-	-
Afder	*	*	*	-
Liben	*	*	45,385	-
Nogob	-	-	-	-
Dawa	*	*	*	-
<b>Benishangul Gumuz</b>	<b>232,197</b>	<b>275,958</b>	<b>826,077</b>	*
Assosa	83,561	92,871	410,724	2,009
Metekel	97,395	143,295	247,857	*
Kemashi	44,474	32,996	133,977	-
Mao Ena Komo	6,767	6,795	33,519	*
<b>SNNP</b>	<b>1,429,312</b>	<b>784,526</b>	<b>4,806,761</b>	<b>65,218</b>
Gurage	78,729	50,740	262,071	*
Hadiya	133,749	143,227	587,981	*
Kembata Tembaro	41,652	26,531	169,552	*
Gedeo	55,933	29,477	41,930	*
Welayta	144,040	10,233	589,923	*
South Omo	62,390	31,178	235,124	*
Sheka	29,156	32,595	175,770	*
Kefa	*	196,730	843,365	16,171
Gamo Gofa	170,486	48,459	596,710	*
Bench Maji	65,294	90,883	335,128	*
Yem Special	14,407	2,522	30,053	360
Segen Peoples'	43,372	14,366	216,706	*
Alaba Special	45,999	33,141	182,268	1,907
Dawro	20,055	3,808	49,685	646
Basketo Special	16,241	3,657	35,577	*
Konta Special	22,712	1,809	39,579	*
Silite	108,916	65,169	415,339	*
<b>Sidama</b>	<b>446,005</b>	<b>136,028</b>	<b>966,179</b>	*
<b>Gambela</b>	<b>28,278</b>	<b>11,835</b>	<b>109,669</b>	*
Angewak	3,994	3,382	28,476	*
Newer	10,360	*	13,753	*
Mejenger	9,198	6,804	59,717	-
Itang Special	4,726	1,023	7,724	207
Hareri	<b>12,723</b>	<b>5,998</b>	<b>71,874</b>	<b>1,990</b>
<b>Dire Dawa</b>	<b>16,172</b>	<b>4,394</b>	<b>117,060</b>	<b>2,608</b>

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

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months )	Total Milk Production (Lt)
<b>National</b>	<b>7,556,402</b>	<b>15,041,686</b>	<b>1.48</b>	<b>7</b>	<b>4,692,993,642</b>	<b>2,988,068</b>	<b>3,354,434</b>	<b>2.79</b>	<b>9</b>	<b>2,305,765,863</b>
<b>Tigray</b>	171,260	778,498	1.27	7	<b>209,169,047</b>	-	47,002	<b>2.84</b>	<b>7</b>	<b>6,338,858</b>
North West Tigray	75,687	298,273	1.25	7	79,519,636	-	*	*	*	-
Central Tigray	15,728	83,005	1.24	7	23,422,008	-	*	*	*	*
Eastern Tigray	21,248	76,280	1.21	6	17,955,411	-	-	-	-	-
Southern Tigray	2,511	71,504	1.28	7	20,828,040	-	*	*	*	*
Western Tigray	37,415	164,169	1.22	6	37,633,465	-	*	*	*	-
South Western Tigray	18,671	85,268	1.43	7	29,810,486	-	*	*	*	*
<b>Afar</b>	<b>97,996</b>	<b>527,307</b>	<b>1.75</b>	<b>6</b>	<b>166,873,478</b>	<b>420,630</b>	<b>296,166</b>	<b>3.11</b>	<b>9</b>	<b>242,533,901</b>
Zone_1 (Awsiresu)	67,163	235,196	1.79	6	76,273,930	177,806	119,458	3.46	9	113,072,444
Zone_2 (Kelbetiresu)	*	17,987	2.01	7	6,742,517	34,256	34,268	3.35	10	32,595,770
Zone_3 (Gebiresu)		168,170	1.70	6	54,646,987	136,560	87,692	2.57	9	57,767,533
Zone_4 (Fentiresu)	5,034	28,853	1.72	6	9,980,400	27,997	18,659	3.10	10	17,645,204
Zone_5 (Hariesu)	*	*	1.57	6	19,229,643	*	*	2.38	8	21,452,950
<b>Amhara</b>	<b>475,381</b>	<b>3,006,542</b>	<b>1.28</b>	<b>7</b>	<b>820,094,328</b>	-	*	*	*	*
North Gonder	*	144,915	1.17	7	36,792,169	-	*	*	*	*
South Gonder	33,335	325,364	1.34	6	100,624,254	-	-	-	-	-
North Wello	14,761	176,988	1.29	5	40,659,573	-	-	-	-	-
South Wello	51,364	364,096	1.52	6	114,620,326	-	-	-	-	-
North Shewa	65,237	207,798	1.698	7	79,704,850.00	-	-	-	-	-
East Gojjam	31,334	274,732	0.88	7	54,764,287	-	*	-	*	-
West Gojjam	83,549	567,662	1.12	7	144,904,888	-	-	-	-	-
Waghimra	6,849	55,370	1.05	6	11,258,041	-	*	-	*	-
Awi	42,899	226,891	1.18	8	65,557,551	-	*	-	*	-
Oromiya Special Zon	11,339	65,234	1.128	6	14,904,908.00	-	-	-	-	-
Central Gonder	101,713	514,879	1.32	7	133,533,160	-	-	-	-	-
West Gonder	19,621	82,614	1.55	6	22,770,321	-	-	-	-	-
<b>Oromiya</b>	<b>2,734,395</b>	<b>5,200,135</b>	<b>1.66</b>	<b>7</b>	<b>1,794,005,088</b>	<b>75,408</b>	<b>191,532</b>	<b>2.24</b>	<b>9</b>	<b>50,268,527</b>
West Wollega	-	233,173	1.14	6	47,006,976	-	-	-	-	-
East Wollega	*	205,977	1.14	6	46,091,237	-	-	-	-	-
Ilu Ababor	138,690	222,165	1.18	7	57,282,152	-	-	-	-	-
Jimma	299,030	452,783	1.25	6	118,946,690	-	-	-	-	-
West Shewa	123,682	472,138	1.37	7	147,403,899	-	-	-	-	-
North Shewa	116,149	242,700	1.868	7	100,427,603.00	-	*	*	*	*
East Shewa	78,957	158,107	1.87	7	63,906,197	*	*	*	*	*
Arsi	453,249	692,724	2.09	7	288,463,210	-	-	-	-	-
West Hararghe	117,576	239,625	1.69	6	76,341,415	*	*	*	*	*
East Hararge	50,570	285,884	1.71	6	86,152,464	-	*	1.10	9	2,684,896
Bale	185,906	212,951	2.17	7	95,652,520	*	*	2.69	9	3,262,274
Borena	110,769	119,732	1.98	6	51,069,576	28,846	25,894	2.76	10	19,626,902
South West Shewa	107,919	180,008	1.15	7	41,444,535	-	-	-	-	-
Guji	204,282	291,830	1.72	7	111,152,153	*	*	2.63	10	2,539,155
West Guji	62,294	123,183	2.32	6	48,646,121	-	-	-	-	-
Oromiya Special Zon	99,827	186,694	1.968	7	81,763,341.00	-	-	-	-	-
West Arsi	391,484	468,428	1.80	7	181,428,375	-	*	*	*	*
Kelem Wollega	*	90,513	1.61	7	35,492,768	-	-	-	-	-
Horo Guduru Wollega	*	118,687	1.28	7	36,923,358	-	-	-	-	-
Buno Bedele	38,265	95,311	1.72	6	33,683,572	-	-	-	-	-
East Bale	108,112	107,521	1.95	7	44,726,928	24,530	32,974	1.58	8	11,006,271

TABLE 3-21 CONT'D

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
<b>Somalie</b>	<b>675,676</b>	<b>1,814,376</b>	<b>1.78</b>	<b>6</b>	<b>629,638,983</b>	<b>2,489,655</b>	<b>2,589,432</b>	<b>2.78</b>	<b>9</b>	<b>2,001,706,224</b>
Siti	12,448	13,374	1.86	6	3,794,092	2,913	4,553	2.42	10	2,916,174
Fafan	46,602	108,167	1.65	7	38,044,304	24,948	26,879	2.01	10	15,939,656
Jerer	12,048	88,676	1.49	6	30,761,415	416,358	177,968	2.25	9	126,925,686
Erer	42,750	182,386	2.24	5	56,482,067	319,514	291,329	3.12	6	184,598,106
Korahe	107,422	167,141	2.53	7	99,218,052	131,106	376,715	2.61	9	287,766,531
Shebele	18,053	249,457	1.76	5	66,360,630	*	200,346	2.71	8	*
Dollo	154,303	188,924	2.39	7	88,979,036	70,220	521,130	3.22	9	440,426,912
Afder	154,552	208,132	1.52	7	64,220,579	214,507	225,209	2.47	9	152,801,345
Liben	92,297	428,326	1.65	6	129,181,416	91,144	510,305	3.00	9	460,717,552
Nogob	*	129,475	1.26	7	31,767,863	923,375	201,383	2.33	10	131,598,349
Dawa	34,562	50,317	1.95	7	20,829,530	63,375	53,614	2.89	10	47,390,399
<b>Benishangul Gumuz</b>	<b>43,797</b>	<b>121,926</b>	<b>1.38</b>	<b>7</b>	<b>36,809,948</b>	-	*	-	*	-
Assosa	4,793	16,873	1.50	7	5,455,724	-	*	-	*	-
Metekel	*	94,684	1.34	7	28,173,176	-	-	-	-	-
Kemashi	*	8,578	1.43	6	2,443,794	-	-	-	-	-
Mao Ena Komo	806	1,792	1.63	8	737,254	-	-	-	-	-
<b>SNNP</b>	<b>2,564,905</b>	<b>2,721,638</b>	<b>1.37</b>	<b>7</b>	<b>764,071,787</b>	-	*	-	*	-
Gurage	386,051	301,221	1.05	7	66,147,966	-	-	-	-	-
Hadiya	328,017	255,765	1.26	7	67,158,506	-	-	-	-	-
Kembata Tembaro	139,414	121,204	1.83	7	49,321,970	-	*	-	*	-
Gedeo	13,074	20,835	1.12	6	4,246,924	-	-	-	-	-
Welayta	275,917	260,494	1.38	8	89,676,106	-	-	-	-	-
South Omo	184,085	175,513	1.61	6	59,312,449	-	-	-	-	-
Sheka	58,405	68,982	1.71	6	21,891,852	-	*	-	*	-
Kefa	197,950	220,541	1.62	6	72,616,351	-	-	-	-	-
Gamo Gofa	467,951	352,188	1.34	6	95,021,173	-	*	-	*	-
Bench Maji	81,824	84,321	1.66	6	27,516,026	-	-	-	-	-
Yem Special	*	14,292	1.10	6	2,738,086	-	-	-	-	-
Segen Peoples'	45,418	52,016	1.42	7	16,496,897	-	-	-	-	-
Alaba Special	50,845	44,623	1.35	7	13,199,440	-	*	-	*	-
Dawro	86,526	68,133	1.50	8	24,688,955	-	-	-	-	-
Basketo Special	13,115	10,486	1.31	6	2,526,482	-	-	-	-	-
Konta Special	29,528	23,964	1.48	6	6,818,378	-	-	-	-	-
Silite	198,404	*	1.11	6	*	-	*	-	*	-
<b>Sidama</b>	<b>752,427</b>	<b>768,101</b>	<b>1.50</b>	<b>6</b>	<b>235,286,002</b>	-	*	-	*	-
<b>Gambela</b>	<b>29,237</b>	<b>61,228</b>	<b>1.64</b>	<b>7</b>	<b>24,115,025</b>	-	-	-	-	-
Angewak	1,446	1,745	2.04	6	665,714	-	-	-	-	-
Newer	21,220	48,818	1.52	7	19,603,492	-	-	-	-	-
Mejenger	5,421	7,745	1.87	6	2,823,264	-	-	-	-	-
Itang Special	1,150	2,921	1.65	7	1,022,555	-	-	-	-	-
Hareri	5,886	20,515	2.06	7	8,509,180	*	*	*	*	*
<b>Dire Dawa</b>	<b>5,442</b>	<b>21,421</b>	<b>1.34</b>	<b>5</b>	<b>4,420,775</b>	<b>1,994</b>	<b>1,586</b>	<b>2.88</b>	<b>11</b>	<b>1,559,827</b>

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

## a. Indigenous Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>National</b>	<b>14,287,489</b>	5	23	13	<b>123,623,566</b>
<b>Tigray</b>	<b>1,203,229</b>	6	25	15	<b>14,643,915</b>
North West Tigray	507,588	6	21	13	3,742,131
Central Tigray	257,971	5	29	18	3,100,088
Eastern Tigray	63,379	12	45	25	2,619,210
Southern Tigray	84,131	6	24	14	751,021
Western Tigray	160,594	5	23	13	1,298,902
South Western Tigray	129,566	8	30	18	3,132,563
<b>Afar</b>	<b>19,551</b>	4	24	15	<b>134,252</b>
Zone_1 (Awsiresu)	*	*	*	*	*
Zone_2 (Kelbetiresu)	*	*	*	*	*
Zone_3 (Gebiresu)	14,113	5	23	15	100,734
Zone_4 (Fentiresu)					
Zone_5 (Hariresu)	3,962	4	22	13	22,838
<b>Amhara</b>	<b>4,807,891</b>	5	24	13	<b>46,537,277</b>
North Gonder	286,616	3	23	12	1,607,213
South Gonder	492,959	6	27	14	5,056,130
North Wello	269,681	5	23	11	1,746,754
South Wello	502,821	5	22	12	3,485,934
North Shewa	633,069	6	22.00	12	5,251,318
East Gojjam	480,658	6	27	15	6,511,756
West Gojjam	942,571	4	23	14	5,871,917
Waghimra	107,917	5	28	14	871,475
Awi	329,677	5	25	15	2,577,810
Oromiya Special Zon	71,694	6	25	13	*
Central Gonder	625,566	4	24	14	*
West Gonder	64,664	6	27	17	*
<b>Oromiya</b>	<b>5,372,672</b>	5	23	13	<b>41,761,759</b>
West Wollega	300,447	3	17	10	1,004,192
East Wollega	188,163	3	19	10	621,374
Ilu Ababor	180,259	7	31	12	*
Jimma	619,707	4	20	11	3,926,444
West Shewa	322,332	8	26	15	5,015,261
North Shewa	160,871	8	27.00	14	2,009,326
East Shewa	220,989	5	26	14	1,828,219
Arsi	519,098	6	24	14	4,932,088
West Hararghe	446,845	5	22	13	3,315,523
East Hararge	862,496	4	21	11	3,979,192
Bale	136,643	6	24	16	2,381,270
Borena	60,583	6	27	17	798,405
South West Shewa	98,919	7	24	13	994,913
Guji	350,190	4	19	14	2,651,182
West Guji	98,240	4	30	20	662,592
<b>Oromiya Special Zon</b>	<b>147,180</b>	5	29	15	<b>1,307,688</b>
West Arsi	265,738	7	25	14	2,239,200
Kelem Wollega	165,576	3	18	10	558,048
Horo Guduru Wollega	112,905	3	23	12	526,076
Buno Bedele	78,652	4	21	11	338,628
East Bale	36,840	6	24	15	450,090

TABLE 3-22 – a CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somalie</b>	<b>89,562</b>	<b>6</b>	<b>20</b>	<b>13</b>	<b>909,805</b>
Siti	4,626	9	24	16	*
Fafan	6,264	*	17	11	*
Jerer					
Erer					
Korahe	1,618	20	20	20	64,704
Shebele	12,643	4	20	14	72,591
Dollo					
Afder	12,471	5	18	*	80,657
Liben	46,402	6	20	13	388,110
Nogob					
Dawa	5,539	5	21	15	76,806
<b>Benishangul Gumuz</b>	<b>228,913</b>	<b>3</b>	<b>20</b>	<b>12</b>	<b>1,249,237</b>
Assosa	96,949	3	20	12	461,675
Metekel	74,610	3	20	12	414,755
Kemashi	49,644	4	22	14	337,060
Mao Ena Komo	7,711	3	20	12	35,747
<b>SNNP</b>	<b>1,815,735</b>	<b>4</b>	<b>23</b>	<b>13</b>	<b>14,068,682</b>
Gurage	120,441	5	29	16	1,214,207
Hadiya	238,104	3	22	12	1,090,688
Kembata Tembaro	64,458	5	25	14	640,120
Gedeo	48,055	4	24	14	348,039
Welayta	210,650	5	21	11	1,071,001
South Omo	95,878	4	22	13	496,638
Sheka	51,452	3	20	12	190,574
Kefa	218,786	4	25	14	*
Gamo Gofa	220,895	4	22	12	1,101,101
Bench Maji	91,188	4	23	12	492,728
Yem Special	27,551	4	20	11	164,595
Segen Peoples'	98,564	5	22	13	826,389
Alaba Special	56,502	4	21	11	370,467
Dawro	64,577	4	19	10	320,604
Basketo Special	10,861	4	22	13	77,691
Konta Special	30,830	6	22	11	196,227
Silite	166,943	5	28	17	*
<b>Sidama</b>	<b>592,023</b>	<b>4</b>	<b>23</b>	<b>13</b>	<b>3,363,788</b>
<b>Gambela</b>	<b>68,727</b>	<b>4</b>	<b>18</b>	<b>13</b>	<b>329,266</b>
Angewak	14,338	4	17	13	76,936
Newer	34,300	4	17	12	138,716
Mejenger	11,330	3	18	13	60,399
Itang Special	8,759	4	18	14	53,216
Hareri	40,083	4	24	13	404,548
<b>Dire Dawa</b>	<b>49,102</b>	<b>4</b>	<b>20</b>	<b>11</b>	<b>221,036</b>

b. Hybrid

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>National</b>	<b>2,883,037</b>	<b>9</b>	<b>62</b>	<b>48</b>	<b>210,564,137</b>
<b>Tigray</b>	<b>239,038</b>	<b>17</b>	<b>72</b>	<b>51</b>	<b>68,194,142</b>
North West Tigray	50,447	24	71	52	*
Central Tigray	64,718	6	81	54	2,034,877
Eastern Tigray	77,043	7	83	56	3,619,889
Southern Tigray	*	*	32	24	*
Western Tigray	23,946	6	29	22	*
South Western Tigray	18,406	*	*	*	*
<b>Afar</b>	*	*	*	*	*
Zone_1 (Awsiresu)	-	-	-	-	-
Zone_2 (Kelbetiresu)	*	*	*	*	*
Zone_3 (Gebiresu)	*	*	*	*	*
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
<b>Amhara</b>	<b>718,171</b>	<b>8</b>	<b>70</b>	<b>51</b>	<b>22,953,902</b>
North Gonder	9,381	4	24	18	83,283
South Gonder	38,274	14	57	46	*
North Wello	82,156	5	108	83	1,886,574
South Wello	163,713	5	76	55	3,033,742
North Shewa	225,450	*	54.00	29	6,499,554
East Gojam	34,472	*	53	43	*
West Gojam	64,375	4	64	52	768,253
Waghimra	20,130	*	181	146	521,753
Awj	17,896	4	60	41	265,138
Oromiya Special Zon	6,929	6	29	21	93,150
Central Gonder	50,358	3	44	36	554,558
West Gonder	5,037	5	54	45	59,347
<b>Oromiya</b>	<b>1,230,772</b>	<b>10</b>	<b>59</b>	<b>47</b>	<b>95,456,757</b>
West Wollega	62,879	7	36	31	1,034,360
East Wollega	44,875	4	76	66	935,129
Ilu Ababor	80,929	9	61	39	2,197,864
Jimma	106,344	7	39	32	1,829,024
West Shewa	155,773	7	103	87	*
North Shewa	82,618	21	63.00	43	*
East Shewa	81,021	6	30	25	1,243,638
Arsi	180,131	8	38	29	4,724,432
West Hararghe	21,334	*	25	20	*
East Hararge	30,305	5	42	40	421,981
Bale	15,076	*	63	61	*
Borena	-	7	26	22	287,744
South West Shewa	100,203	6	62	46	2,098,610
Guji	*	*	*	*	*
West Guji	10,773	*	32	27	*
<b>Oromiya Special Zon</b>	<b>97,322</b>	<b>5</b>	<b>53</b>	<b>43</b>	<b>*</b>
West Arsi	53,166	*	40	38	*
Kelem Wollega	*	3	*	*	713,004
Horo Guduru Wollega	21,088	8	57	48	751,299
Buno Bedele	25,553	*	199	147	*
East Bale	*	*	*	*	*

TABLE 3-22 - b CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somalie</b>	-	5	21	20	<b>7,760</b>
Siti	-	-	-	-	-
Fafan	-	-	-	-	-
Jerer	-	-	-	-	-
Erer	-	-	-	-	-
Korahe	-	-	20	20	-
Shebele	-	-	-	-	-
Dollo	-	-	-	-	-
Afder	-	-	-	-	-
Liben	-	-	*	*	-
Nogob	-	-	-	-	-
Dawa	-	5	26	24	7,760
<b>Benishangul Gumuz</b>	<b>4,271</b>	<b>3</b>	*	*	*
Assosa	*	*	*	*	*
Metekel	3,420	2	*	*	*
Kemashi	-	-	-	-	-
Mao Ena Komo	*	*	*	*	*
<b>SNNP</b>	<b>601,762</b>	<b>6</b>	<b>57</b>	<b>45</b>	<b>20,104,541</b>
Gurage	105,751	5	68	56	2,670,849
Hadiya	39,213	3	65	54	692,456
Kembata Tembaro	35,249	*	65	48	*
Gedeo	16,303	5	43	38	296,999
Welayta	29,697	*	30	25	539,228
South Omo	33,766	6	29	26	683,745
Sheka	*	*	*	*	*
Kefa	31,291	5	25	20	448,817
Gamo Gofa	117,928	5	41	33	1,892,449
Bench Maji	12,207	4	31	29	111,887
Yem Special	1,849	15	29	25	*
Segen Peoples'	61,836	6	25	22	859,584
Alaba Special	11,535	4	48	43	106,440
Dawro	4,797	5	19	17	57,021
Basketo Special	5,389	5	30	23	62,090
Konta Special	3,930	7	25	24	77,268
Silite	77,539	5	132	95	1,495,478
<b>Sidama</b>	<b>77,999</b>	<b>5</b>	<b>39</b>	<b>37</b>	<b>1,520,216</b>
<b>Gambela</b>	<b>4,212</b>	<b>4</b>	*	*	*
Angewak	201	*	*	*	3,763
Newer	-	*	*	*	*
Mejenger	3,150	4	*	*	*
Itang Special	*	*	*	*	*
Hareri	*	5	15	12	9,200
<b>Dire Dawa</b>	<b>4,703</b>	*	*	*	*

c. Exotic Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>National</b>	<b>2,353,446</b>	-	<b>162</b>	<b>128</b>	<b>34,606,373</b>
<b>Tigray</b>	<b>648,191</b>	-	<b>188</b>	<b>143</b>	<b>10,744,457</b>
North West Tigray	106,018	-	194	136	1,403,877
Central Tigray	106,547	-	181	141	1,985,248
Eastern Tigray	237,567	-	153	130	3,454,786
Southern Tigray	25,963	-	216	178	467,951
Western Tigray	10,359	-	63	47	*
South Western Tigray	161,736	-	234	164	3,374,207
<b>Afar</b>	*	-	*	*	*
Zone_1 (Awsiresu)	*	-	*	*	*
Zone_2 (Kelbetiresu)	*	-	*	*	*
Zone_3 (Gebiresu)	*	-	*	*	*
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-
<b>Amhara</b>	<b>667,578</b>	-	<b>186</b>	<b>145</b>	<b>11,721,066</b>
North Gonder	38,185	-	216	179	961,421
South Gonder	101,407	-	208	158	1,770,377
North Wello	*	-	181	130	551,379
South Wello	47,207	-	136	95	490,429
North Shewa	95265	-	185	141	1,620,159
East Gojjam	107,540	-	187	148	1,843,479
West Gojjam	95,313	-	183	146	1,843,559
Waghimra	*	-	78	42	*
awi	40,348	-	115	96	418,698
Oromiya Special Zon	*	-	187	167	*
Central Gonder	89,588	-	213	169	1,933,583
West Gonder	5,390	-	217	161	98,210
<b>Oromiya</b>	<b>832,129</b>	-	<b>128</b>	<b>105</b>	<b>9,413,756</b>
West Wollega	1,705	-	-	-	-
East Wollega	-	-	-	-	-
Ilu Ababor	37,110	-	112	80	373,682
Jimma	9,825	-	130	119	154,705
West Shewa	39,189	-	*	*	770,659
North Shewa	63208	-	192	157	1,314,551
East Shewa	30,889	-	102	45	242,144
Arsi	208,983	-	128	112	2,609,048
West Hararghe	33,700	-	73	61	228,374
East Hararge	81,151	-	87	80	580,039
Bale	*	-	*	*	110,717
Borena	-	-	28	27	51,846
South West Shewa	61,319	-	162	135	845,596
Guji	*	-	21	19	27,662
West Guji	*	-	*	*	*
<b>Oromiya Special Zon</b>	*	-	126	89	*
West Arsi	31,541	-	*	*	*
Kelem Wollega	*	-	-	-	-
Horo Guduru Wollega	*	-	*	*	*
Buno Bedele	*	-	*	*	*
East Bale	6,938	-	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somalie</b>	*		<b>45</b>	<b>43</b>	<b>6,281</b>
Siti	*		*	*	*
Fafan	-		-	-	-
Jerer	-		-	-	-
Erer	-		-	-	-
Korahe	-		-	-	-
Shebele	-		-	-	-
Dollo	-		-	-	-
Afder	-		-	-	-
Liben	-		-	-	-
Nogob	-		-	-	-
Dawa	-		32	30	3,927
<b>Benishangul Gumuz</b>	<b>7,452</b>		<b>47</b>	*	*
Assosa	*		29	29	*
Metekel	3,492		*	*	*
Kemashi	*		*	*	*
Mao Ena Komo	721		35	34	*
<b>SNNP</b>	<b>129,225</b>		<b>121</b>	<b>104</b>	<b>1,990,896</b>
Gurage	17,937		109	92	309,845
Hadiya	*		*	*	*
Kembata Tembaro	*		*	*	*
Gedeo	4,052		*	*	*
Welayta	*		32	27	53,612
South Omo	*		*	*	*
Sheka	17,216		134	97	170,173
Kefa	39,356		164	145	*
Gamo Gofa	*		*	*	*
Bench Maji	7,619		156	135	127,687
Yem Special	497		171	127	*
Segen Peoples'	*		*	*	*
Alaba Special	*		*	*	*
Dawro	2,094		*	*	*
Basketo Special	*		*	*	*
Konta Special	*		*	*	*
Silite	*		*	*	*
<b>Sidama</b>	<b>50,254</b>		*	*	*
<b>Gambela</b>	<b>2,123</b>		<b>156</b>	<b>139</b>	<b>49,723</b>
Angewak	*		*	*	*
Newer	-		-	-	-
Mejenger	1,891		183	161	*
Itang Special	-		-	-	-
Hareri	*		*	*	*
<b>Dire Dawa</b>	<b>12,576</b>		<b>66</b>	<b>55</b>	<b>74,588</b>

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

## a. Cattle

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>National</b>	<b>23,289,865</b>	<b>9,347,969</b>	<b>8,119,788</b>	<b>3,448,277</b>	<b>5,004,499</b>	
<b>Tigray</b>	<b>2,367,229</b>	<b>1,063,662</b>	<b>560,268</b>	<b>585,128</b>	<b>382,478</b>	
North West Tigray	891,966	391,225	119,505	264,542	*	
Central Tigray	465,624	200,115	101,027	*	102,894	
Eastern Tigray	252,225	143,038	122,172	41,148	38,230	
Southern Tigray	137,362	90,583	33,091	31,388	21,683	
Western Tigray	394,329	114,074	103,801	148,006	*	
South Western Tigray	225,722	124,626	80,672	61,923	*	
<b>Afar</b>	*	*	*	-	-	
Zone_1 (Awsiresu)	*	*	*	-	-	
Zone_2 (Kelbetiresu)	-	-	-	-	-	
Zone_3 (Gebiresu)	-	-	-	-	-	
Zone_4 (Fentiresu)	-	-	-	-	-	
Zone_5 (Hariresu)	-	-	-	-	-	
<b>Amhara</b>	<b>5,602,262</b>	<b>2,192,261</b>	<b>2,215,793</b>	<b>677,476</b>	<b>651,314</b>	
North Gonder	147,443	79,394	*	*	*	
South Gonder	545,234	161,585	128,098	*	74,174	
North Wello	403,314	191,868	185,438	83,057	96,659	
South Wello	714,751	173,272	434,051	59,282	128,022	
North Shewa	722,397	270,011	427,916	65,151	*	
East Gojjam	940,757	397,493	250,871	*	133,569	
West Gojjam	739,332	320,561	268,698	*	*	
Waghimra	144,381	98,253	54,026	14,281	*	
Awi	492,477	142,237	136,482	*	*	
Oromiya Special Zon	70,912	*	*	*	*	
Central Gonder	642,917	316,003	223,556	42,136	*	
West Gonder	38,348	14,331	*	*	*	
<b>Oromiya</b>	<b>9,549,111</b>	<b>3,213,414</b>	<b>3,208,985</b>	<b>1,329,685</b>	<b>3,296,922</b>	
West Wollega	573,604	*	*	398,592	276,586	
East Wollega	244,047	115,954	68,725	*	64,877	
Ilu Ababor	370,429	121,272	90,068	14,457	246,103	
Jimma	767,520	301,965	90,784	45,800	289,315	
West Shewa	776,067	126,533	207,142	*	255,743	
North Shewa	648,846	206,081	317,265	76,239	62,515	
East Shewa	584,381	238,320	189,817	*	240,766	
Arsi	585,552	111,207	291,103	*	186,012	
West Hararghe	578,261	209,347	212,394	71,276	141,445	
East Hararge	412,942	220,965	*	*	117,910	
Bale	345,498	118,938	183,151	33,523	*	
Borena	220,919	*	*	182,392	82,756	
South West Shewa	450,197	199,423	244,839	*	160,261	
Guji	580,827	65,511	*	*	196,925	
West Guji	48,484	21,686	*	*	*	
<b>Oromiya Special Zon</b>	<b>476,393</b>	<b>214,209</b>	<b>235,776</b>	*	<b>128,369</b>	
West Arsi	830,502	327,226	277,776	67,185	*	
Kelem Wollega	396,360	133,343	*	*	169,619	
Horo Guduru Wollega	291,788	*	22,218	*	234,105	
Buno Bedele	222,087	67,362	51,970	*	113,085	
East Bale	144,407	74,220	*	*	*	

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somalie</b>	<b>115,301</b>	<b>8,232</b>	*	<b>42,603</b>	*	
Siti	*	*	-	*	-	
Fafan	24,609	-	-	21,174	*	
Jerer	*	*	-	*	-	
Erer	-	-	-	-	-	
Korahe	*	-	-	-	-	
Shebele	*	-	*	-	*	
Dollo	*	*	*	-	*	
Afder	*	-	-	*	-	
Liben	*	-	*	*	*	
Nogob	*	*	*	-	-	
Dawa	*	*	*	2,088	*	
<b>Benishangul Gumuz</b>	<b>267,312</b>	*	<b>156,989</b>	<b>102,561</b>	*	
Assosa	51,474	*	*	26,456	*	
Metekel	195,920	*	151,807	*	*	
Kemashi	12,123	*	*	*	*	
Mao Ena Komo	7,795	1,697	*	4,953	972	
<b>SNNP</b>	<b>4,511,737</b>	<b>2,540,526</b>	<b>1,697,748</b>	<b>474,063</b>	<b>407,463</b>	
Gurage	623,706	305,476	228,130	*	105,876	
Hadiya	416,062	309,262	93,660	*	*	
Kembata Tembaro	244,978	134,038	58,123	*	*	
Gedeo	67,853	28,072	32,775	*	*	
Welayta	433,154	218,832	84,290	31,648	*	
South Omo	234,637	171,117	80,893	98,172	49,300	
Sheka	63,232	*	*	*	-	
Kefa	427,634	234,016	238,683	11,312	*	
Gamo Gofa	739,854	451,203	437,228	149,589	*	
Bench Maji	268,503	107,034	99,417	*	33,766	
Yem Special	57,106	*	*	*	4,923	
Segen Peoples'	232,820	97,305	124,523	59,589	*	
Alaba Special	146,508	124,983	14,597	18,681	26,612	
Dawro	160,961	92,582	34,026	11,437	*	
Basketo Special	33,041	19,353	23,100	*	*	
Konta Special	75,885	42,009	35,112	1,871	*	
Silite	285,800	149,794	56,182	*	*	
<b>Sidama</b>	<b>826,084</b>	<b>271,209</b>	<b>256,127</b>	<b>231,500</b>	<b>205,815</b>	
<b>Gambela</b>	<b>22,546</b>	<b>3,093</b>	*	*	*	
Angewak	*	*	-	*	-	
Newer	*	*	*	*	-	
Mejenger	4,058	*	*	-	*	
Itang Special	*	-	-	-	-	
Hareri	<b>18,057</b>	<b>6,751</b>	<b>2,557</b>	*	*	
<b>Dire Dawa</b>	*	*	-	*	*	

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>National</b>	<b>5,593,893</b>	<b>965,787</b>	<b>560,350</b>	<b>1,579,908</b>	<b>1,473,849</b>	
<b>Tigray</b>	<b>806,270</b>	<b>110,697</b>	<b>77,556</b>	<b>164,245</b>	<b>366,750</b>	
North West Tigray	89,404	*	*	*	39,796	
Central Tigray	337,125	*	*	*	169,766	
Eastern Tigray	205,808	46,141	37,681	*	107,486	
Southern Tigray	48,509	*	*	*	16,118	
Western Tigray	*	*	*	*	*	
South Western Tigray	49,470	*	-	*	24,835	
<b>Afar</b>	*	-	-	*	*	
Zone_1 (Awsiresu)	*	-	-	*	-	
Zone_2 (Kelbetiresu)	*	-	-	*	-	
Zone_3 (Gebiresu)	*	-	-	-	*	
Zone_4 (Fentiresu)	-	-	-	-	-	
Zone_5 (Hariresu)	-	-	-	-	-	
<b>Amhara</b>	<b>2,439,834</b>	<b>475,624</b>	<b>248,946</b>	<b>674,665</b>	<b>577,422</b>	
North Gonder	65,003	19,870	-	*	*	
South Gonder	174,566	47,206	*	*	*	
North Wello	359,268	117,015	*	152,741	176,722	
South Wello	456,558	*	*	*	171,248	
North Shewa	516,125	51,379	61,917	254,294	*	
East Gojjam	249,612	*	*	*	*	
West Gojjam	266,981	69,333	*	*	94,583	
Waghimra	45,047	21,151	*	*	*	
Awi	149,633	20,774	25,131	*	*	
Oromiya Special Zon	*	-	*	*	*	
Central Gonder	*	21,185	*	*	*	
West Gonder	*	*	*	-	-	
<b>Oromiya</b>	<b>1,262,164</b>	<b>119,223</b>	<b>134,530</b>	<b>357,766</b>	<b>344,955</b>	
West Wollega	*	-	-	*	*	
East Wollega	18,678	*	-	-	*	
Ilu Ababor	51,434	*	*	*	36,149	
Jimma	16,549	*	-	*	*	
West Shewa	*	-	-	*	-	
North Shewa	173,991	*	*	*	13,013	
East Shewa	116,117	*	-	*	*	
Arsi	116,819	*	-	14,668	*	
West Hararghe	50,477	*	*	*	12,949	
East Hararge	40,313	*	*	*	*	
Bale	*	*	-	*	*	
Borena	166,045	*	*	163,207	*	
South West Shewa	25,278	*	*	*	*	
Guji	*	-	*	*	*	
West Guji	*	*	-	-	-	
<b>Oromiya Special Zon</b>	<b>95,044</b>	-	*	*	*	
West Arsi	55,184	*	*	*	7,157	
Kelem Wollega	*	-	-	*	*	
Horo Guduru Wollega	*	*	-	*	-	
Buno Bedele	16,274	*	*	-	*	
East Bale	*	-	-	*	*	

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somalie</b>	<b>180,016</b>	<b>3,221</b>	*	<b>114,014</b>	*	
Siti	19,763	*	-	12,598	-	
Fafan	*	-	-	*	-	
Jerer	*	-	-	*	-	
Erer	-	-	-	-	-	
Korahe	*	-	-	-	-	
Shebele	*	-	-	*	-	
Dollo	*	*	*	-	-	
Afder	*	-	-	-	-	
Liben	*	*	-	*	-	
Nogob	*	*	*	*	*	*
Dawa	*	*	*	*	*	*
<b>Benishangul Gumuz</b>	<b>14,742</b>	*	*	<b>3,210</b>	<b>1,586</b>	
Assosa	2,930	*	*	*	-	
Metekel	*	-	*	-	-	
Kemashi	*	-	-	*	-	
Mao Ena Komo	3,974	*	*	*	1,586	
<b>SNNP</b>	<b>845,775</b>	*	<b>84,272</b>	<b>247,682</b>	<b>170,196</b>	
Gurage	75,189	*	*	-	22,517	
Hadiya	14,420	1,786	*	*	-	
Kembata Tembaro	4,211	-	*	*	-	
Gedeo	84,727	*	*	*	*	*
Welayta	20,265	*	-	*	*	*
South Omo	*	*	*	*	*	*
Sheka	*	-	-	-	-	
Kefa	58,288	*	23,474	*	*	*
Gamo Gofa	87,281	*	*	61,510	-	
Bench Maji	78,164	7,742	10,665	*	34,243	
Yem Special	5,574	*	*	*	2,583	
Segen Peoples'	54,082	*	*	*	*	
Alaba Special	27,670	11,054	*	*	14,371	
Dawro	6,592	*	-	-	*	
Basketo Special	5,671	*	*	*	*	
Konta Special	2,383	2,267	*	-	-	
Silite	*	*	-	-	*	
<b>Sidama</b>	<b>24,315</b>	*	*	*	*	*
<b>Gambela</b>	*	-	-	*	-	
Angewak	-	-	-	-	-	
Newer	*	-	-	-	-	
Mejenger	*	-	-	*	-	
Itang Special	-	-	-	-	-	
Hareri	*	-	-	-	-	
<b>Dire Dawa</b>	*	-	-	-	*	

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>National</b>	<b>5,668,302</b>	<b>1,208,838</b>	<b>687,197</b>	<b>1,665,727</b>	<b>1,578,485</b>	
<b>Tigray</b>	<b>1,401,961</b>	<b>115,453</b>	<b>88,834</b>	<b>297,586</b>	<b>741,415</b>	
North West Tigray	645,835	*	*	*	321,140	
Central Tigray	441,487	*	*	*	245,317	
Eastern Tigray	53,327	*	*	*	36,457	
Southern Tigray	32,088	*	*	*	16,322	
Western Tigray	169,946	*	*	70,993	79,007	
South Western Tigray	59,278	*	*	*	43,173	
<b>Afar</b>	*	*	-	*	-	
Zone_1 (Awsiresu)	*	*	-	*	-	
Zone_2 (Kelbetiresu)	*	-	-	*	-	
Zone_3 (Gebiresu)	-	-	-	-	-	
Zone_4 (Fentiresu)	-	-	-	-	-	
Zone_5 (Hariresu)	-	-	-	-	-	
<b>Amhara</b>	<b>1,362,025</b>	<b>407,882</b>	<b>193,263</b>	<b>253,625</b>	<b>348,828</b>	
North Gonder	39,476	17,697	*	*	*	
South Gonder	130,544	*	*	*	*	
North Wello	177,566	64,511	*	43,961	51,683	
South Wello	327,242	*	*	18,233	129,398	
North Shewa	212,812	*	28,900	*	*	
East Gojjam	*	*	*	*	*	
West Gojjam	*	*	*	*	*	
Waghimra	201,920	98,293	*	*	*	
Awi	*	*	*	*	*	
Oromiya Special Zon	31,023	-	*	*	*	
Central Gonder	152,026	28,472	*	*	*	
West Gonder	15,385	*	*	*	*	
<b>Oromiya</b>	<b>1,356,045</b>	<b>288,112</b>	<b>227,787</b>	<b>354,010</b>	<b>317,445</b>	
West Wollega	-	-	-	-	-	
East Wollega	*	-	-	*	-	
Ilu Ababor	12,017	*	-	*	*	
Jimma	17,177	-	*	*	*	
West Shewa	*	-	*	-	*	
North Shewa	8,261	*	*	*	*	
East Shewa	71,580	*	*	*	*	
Arsi	22,722	-	*	*	*	
West Hararghe	401,443	95,849	*	*	29,942	
East Hararge	211,721	45,206	*	*	59,845	
Bale	40,276	-	*	*	*	
Borena	226,819	*	*	223,016	*	
South West Shewa	*	*	-	*	*	
Guji	*	-	-	*	-	
West Guji	*	-	-	-	-	
<b>Oromiya Special Zon</b>	*	*	*	-	*	
West Arsi	65,490	*	*	*	*	
Kelem Wollega	*	-	-	-	*	
Horo Guduru Wollega	*	*	-	-	-	
Buno Bedele	9,986	*	*	*	*	
East Bale	*	*	*	*	*	

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somalie</b>	<b>475,702</b>	*	*	<b>337,011</b>	*	
Siti	71,565	*	-	42,530	-	
Fafan	10,248	*	-	8,581	-	
Jerer	*	-	-	*	-	
Erer	*	-	-	*	-	
Korahe	*	-	-	-	-	
Shebele	-	-	-	-	-	
Dollo	*	*	*	*	*	
Afder	*	-	-	-	-	
Liben	*	*	-	*	-	
Nogob	*	-	*	*	*	
Dawa	*	*	*	*	*	
<b>Benishangul Gumuz</b>	<b>120,793</b>	*	*	<b>66,439</b>	*	
Assosa	58,290	12,686	*	29,787	*	
Metekel	*	*	*	*	*	
Kemashi	*	*	*	*	*	
Mao Ena Komo	4,807	*	*	*	1,126	
<b>SNNP</b>	<b>755,059</b>	<b>332,869</b>	*	<b>262,007</b>	<b>96,120</b>	
Gurage	28,084	*	*	-	*	
Hadiya	3,889	*	*	3,009	-	
Kembata Tembaro	4,771	*	-	*	*	
Gedeo	*	-	-	*	-	
Welayta	34,451	*	-	*	*	
South Omo	319,573	*	*	*	*	
Sheka	-	-	-	-	-	
Kefa	15,175	*	*	*	*	
Gamo Gofa	*	*	*	49,235	-	
Bench Maji	21,585	*	*	*	5,176	
Yem Special	8,346	*	*	*	3,018	
Segen Peoples'	105,281	*	*	18,189	*	
Alaba Special	44,096	22,564	*	*	13,372	
Dawro	3,225	*	*	*	*	
Basketo Special	3,128	*	*	*	*	
Konta Special	4,476	2,142	750	*	*	
Silite	16,445	*	-	-	*	
<b>Sidama</b>	*	*	*	*	*	
<b>Gambela</b>	<b>2,649</b>	*	-	*	*	
Angewak	*	*	-	-	-	
Newer	*	-	-	*	-	
Mejenger	-	-	-	-	-	
Itang Special	*	-	-	*	*	
Hareri	<b>8,844</b>	*	*	*	*	
<b>Dire Dawa</b>	<b>12,718</b>	*	*	*	*	

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>National</b>	<b>7,114</b>	<b>2,517</b>	*	-	-	*
<b>Tigray</b>	*	*	-	-	-	-
North West Tigray	*	*	*	-	-	-
Central Tigray	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-
Southern Tigray	*	*	-	-	-	*
Western Tigray	-	-	-	-	-	-
South Western Tigray	-	-	-	-	-	-
<b>Afar</b>	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-
Zone_5 (Hariresu)	*	*	-	-	-	-
<b>Amhara</b>	-	-	-	-	-	-
North Gonder	-	-	-	-	-	-
South Gonder	*	*	-	-	-	-
North Wello	-	-	-	-	-	-
South Wello	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Gojjam	-	-	-	-	-	-
West Gojjam	-	-	-	-	-	-
Waghimra	-	-	-	-	-	-
Awi	-	-	-	-	-	-
Oromiya Special Zon	-	-	-	-	-	-
Central Gonder	-	-	-	-	-	-
West Gonder	<b>7,114</b>	<b>2,517</b>	*	-	-	*
<b>Oromiya</b>	*	*	-	-	-	-
West Wollega	*	*	*	*	-	-
East Wollega	-	-	-	-	-	-
Ilu Ababor	-	-	-	-	-	-
Jimma	*	*	-	-	-	*
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
Arsi	-	-	-	-	-	-
West Hararghe	-	-	-	-	-	-
East Hararge	-	-	-	-	-	-
Bale	-	-	-	-	-	-
Borena	*	*	-	-	-	-
South West Shewa	-	-	-	-	-	-
Guji	-	-	-	-	-	-
West Guji	*	*	-	-	-	-
<b>Oromiya Special Zon</b>	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-
Kelem Wollega	-	-	-	-	-	-
Horo Guduru Wollega	-	-	-	-	-	-
Buno Bedele	-	-	-	-	-	-
East Bale	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro- Pneumonia	Hemorrhagic Septicemia	Others
<b>Somalie</b>	<b>83,737</b>	*	*	<b>27,298</b>	*	
Siti	-	-	-	-	-	
Fafan	-	-	-	-	-	
Jerer	-	-	-	-	-	
Erer	*	-	-	-	-	*
Korahe	-	-	-	-	-	
Shebele	-	-	-	-	-	
Dollo	*	*	-	-	-	
Afder	-	-	-	-	-	
Liben	*	*	*	-	-	*
Nogob	-	-	-	-	-	
Dawa	-	-	-	-	-	
<b>Benishangul Gumuz</b>	<b>27,947</b>	*	-	-	*	*
Assosa	-	-	-	-	-	
Metekel	*	-	-	-	-	
Kemashi	-	-	-	-	-	
Mao Ena Komo	-	-	-	-	-	
<b>SNNP</b>		-	-	-	-	
Gurage	-	-	-	-	-	
Hadiya	-	-	-	-	-	
Kembata Tembaro	-	-	-	-	-	
Gedeo	*	*	*	*	*	
Welayta	*		<b>1,812</b>	*	*	*
South Omo	-	-	-	-	-	
Sheka	*	-	-	-	*	
Kefa	*	-	-	-	*	
Gamo Gofa	*	-	-	-	-	
Bench Maji	-	-	-	-	-	
Yem Special	-	-	-	-	-	
Segen Peoples'	*	*	*	*	*	*
Alaba Special	-	-	-	-	-	
Dawro	*	-	-	-	*	
Basketo Special	*	*	-	-	-	
Konta Special	*	*	*	*	*	*
Silite	-	-	-	-	-	
<b>Sidama</b>		-	-	-	-	
<b>Gambela</b>		-	-	-	-	
Angewak	-	-	-	-	-	
Newer	-	-	-	-	-	
Mejenger	-	-	-	-	-	
Itang Special	-	-	-	-	-	
Hareri	-	-	-	-	-	
<b>Dire Dawa</b>		-	-	-	-	

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>National</b>	<b>8,612,555</b>	<b>7,958,561</b>	<b>9,677,225</b>	<b>1,386,861</b>	<b>928,658</b>	<b>24,166,689</b>
<b>Tigray</b>	<b>228,723</b>	<b>179,526</b>	<b>622,027</b>	<b>36,092</b>	*	<b>2,284,827</b>
North West Tigray	96,546	16,749	280,532	11,690	*	1,217,702
Central Tigray	33,724	61,785	66,220	6,335	*	303,268
Eastern Tigray	11,818	49,525	48,269	4,508	-	248,442
Southern Tigray	11,146	17,361	13,218	3,219	*	73,781
Western Tigray	55,754	8,469	153,340	4,485	*	336,464
South Western Tigray	19,736	25,636	60,449	5,855	*	105,170
<b>Afar</b>	<b>394,864</b>	<b>1,441,299</b>	<b>2,311,670</b>	<b>11,680</b>	<b>83,089</b>	<b>40,428</b>
Zone_1 (Awsiresu)	139,114	616,845	886,925	2,385	20,458	*
Zone_2 (Kelbetiresu)	11,801	161,650	418,386	2,497	12,146	*
Zone_3 (Gebiresu)	152,835	404,824	572,228	2,874	34,997	18,011
Zone_4 (Fentiresu)	37,820	120,166	165,278	3,020	3,719	-
Zone_5 (Hariresu)	53,293	137,813	268,854	904	11,769	13,595
<b>Amhara</b>	<b>1,668,888</b>	<b>2,489,594</b>	<b>1,768,439</b>	<b>522,379</b>	<b>3,350</b>	<b>9,306,473</b>
North Gonder	44,892	147,034	134,884	18,681	-	680,289
South Gonder	228,748	241,255	215,410	63,995	-	724,313
North Wello	94,114	255,441	173,947	23,389	*	448,659
South Wello	138,688	349,370	391,131	48,262	*	533,676
North Shewa	107,564	429,058	299,222	87,756	-	655,377
East Gojjam	275,030	236,280	46,702	86,858	-	641,219
West Gojjam	303,138	411,228	62,021	102,399	-	2,387,324
Waghimra	25,559	68,099	86,612	9,699	-	202,700
Awi	193,410	160,756	21,324	35,341	-	715,852
Oromiya Special Zon	26,559	15,789	38,034	3,431	*	127,855
Central Gonder	192,127	165,056	241,992	37,332	-	1,976,648
West Gonder	39,057	10,228	57,160	5,235	*	212,562
<b>Oromiya</b>	<b>3,750,294</b>	<b>1,941,153</b>	<b>1,323,329</b>	<b>582,007</b>	<b>44,662</b>	<b>8,160,539</b>
West Wollega	464,173	148,328	*	45,213	-	533,364
East Wollega	355,293	75,148	68,706	37,467	-	463,958
Ilu Ababor	256,762	86,990	46,714	31,347	-	326,959
Jimma	493,491	211,183	135,581	53,466	-	1,084,550
West Shewa	317,857	196,034	56,271	87,653	-	834,194
North Shewa	133,515	282,059	19,598	43,743	*	525,742
East Shewa	59,958	34,404	34,518	11,138	-	348,107
Arsi	139,637	151,693	104,965	47,258	-	361,943
West Hararghe	93,983	*	125,382	17,777	*	579,945
East Hararge	149,100	72,333	168,301	28,516	*	449,408
Bale	93,440	15,240	61,954	10,908	*	134,942
Borena	60,593	88,689	88,502	3,877	*	28,475
South West Shewa	54,646	61,658	58,600	21,825	-	424,133
Guji	113,901	61,975	28,288	18,404	-	378,237
West Guji	61,621	27,669	26,184	*	-	217,419
<b>Oromiya Special Zon</b>	<b>95,266</b>	<b>115,037</b>	*	<b>31,410</b>	-	<b>398,956</b>
West Arsi	122,236	55,020	67,942	24,020	-	439,449
Kelem Wollega	415,397	*	42,855	*	-	305,641
Horo Guduru Wollega	157,501	33,947	28,166	24,848	-	206,468
Buno Bedele	77,155	27,782	28,917	8,772	-	64,098
East Bale	34,768	*	97,089	4,705	*	54,552

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

TABLE 3-24 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Somalie</b>	<b>810,980</b>	<b>1,126,943</b>	<b>2,749,591</b>	<b>46,265</b>	<b>789,265</b>	<b>43,704</b>
Siti	*	13,861	46,135	*	*	*
Fafan	28,991	45,989	22,409	878	*	2,221
Jerer	*	27,665	43,363	-	*	-
Erer	22,264	17,487	84,721	409	27,759	-
Korahe	21,106	76,647	130,792	635	95,614	-
Shebele	136,813	114,313	279,601	18,829	81,414	*
Dollo	61,259	107,376	205,506	5,352	192,333	*
Afder	224,292	300,800	720,285	10,054	143,840	*
Liben	219,169	283,196	1,007,449	9,197	197,488	*
Nogob	59,519	106,233	123,019	*	23,593	*
Dawa	23,285	33,375	86,311	*	9,699	*
<b>Benishangul Gumuz</b>	<b>271,771</b>	<b>29,968</b>	<b>206,933</b>	<b>18,985</b>	-	<b>717,995</b>
Assosa	41,451	8,581	109,958	7,417	-	367,931
Metekel	204,002	*	60,328	8,555	-	214,759
Kemashi	21,804	4,912	29,302	*	-	107,696
Mao Ena Komo	4,514	3,626	7,345	875	-	27,608
<b>SNNP</b>	<b>1,311,082</b>	<b>676,056</b>	<b>587,658</b>	<b>158,166</b>	-	<b>2,918,134</b>
Gurage	118,181	70,157	26,187	17,868	-	187,080
Hadiya	123,898	53,709	28,629	31,462	-	291,294
Kembata Tembaro	36,130	5,072	9,506	5,525	-	92,571
Gedeo	*	*	*	*	-	41,071
Welayta	139,218	41,328	38,147	5,635	-	*
South Omo	174,021	116,826	205,870	8,337	-	137,794
Sheka	15,628	10,993	*	3,274	-	78,360
Kefa	127,571	83,916	23,308	16,493	-	373,281
Gamo Gofa	245,901	80,288	85,466	25,471	-	408,460
Bench Maji	62,750	42,724	18,758	5,992	-	208,783
Yem Special	*	2,881	12,043	2,003	-	17,914
Segen Peoples'	51,472	43,828	60,286	*	-	239,106
Alaba Special	26,802	17,771	22,176	8,913	-	113,805
Dawro	67,340	6,991	10,272	1,721	-	22,198
Basketo Special	16,951	6,752	5,747	509	-	26,557
Konta Special	24,691	1,252	3,243	*	-	9,316
Silite	39,230	46,371	32,040	12,842	-	277,773
<b>Sidama</b>	<b>133,231</b>	<b>57,376</b>	<b>29,850</b>	<b>7,788</b>	-	<b>499,361</b>
<b>Gambela</b>	<b>27,265</b>	<b>4,332</b>	<b>16,465</b>	*	*	<b>71,748</b>
Angewak	985	*	3,574	*	*	24,115
Newer	21,467	2,205	10,943	-	-	6,582
Mejenger	2,897	1,940	960	*	-	33,770
Itang Special	1,916	*	988	-	-	7,281
Hareri	<b>9,285</b>	*	<b>14,529</b>	<b>1,904</b>	*	<b>38,469</b>
<b>Dire Dawa</b>	<b>6,172</b>	<b>11,844</b>	<b>46,735</b>	<b>701</b>	*	<b>85,010</b>

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>National</b>	<b>5,689,214</b>	<b>3,309,267</b>	<b>2,548,474</b>	<b>807,634</b>	<b>184,036</b>	<b>4,498,602</b>
<b>Tigray</b>	<b>92,590</b>	<b>69,886</b>	<b>191,479</b>	<b>10,245</b>	*	<b>328,065</b>
North West Tigray	28,007	*	46,397	*	*	131,760
Central Tigray	18,870	*	36,138	*	*	72,527
Eastern Tigray	3,913	*	*	*	-	*
Southern Tigray	4,790	6,211	*	769	-	*
Western Tigray	22,899	*	58,444	*	*	39,956
South Western Tigray	14,111	13,790	26,417	2,701	*	16,869
<b>Afar</b>	<b>27,511</b>	<b>67,156</b>	<b>107,737</b>	*	*	<b>5,082</b>
Zone_1 (Awsiresu)	*	27,961	*	-	*	-
Zone_2 (Kelbetiresu)	*	*	*	-	*	-
Zone_3 (Gebiresu)	*	24,270	18,631	-	-	*
Zone_4 (Fentiresu)	*	*	*	*	-	-
Zone_5 (Hariresu)	-	-	-	-	-	2,108
<b>Amhara</b>	<b>1,219,307</b>	<b>1,560,353</b>	<b>639,707</b>	<b>307,366</b>	<b>2,438</b>	<b>1,390,053</b>
North Gonder	14,709	30,408	10,955	5,332	-	57,842
South Gonder	150,498	159,182	70,611	38,977	-	154,223
North Wello	58,158	117,873	80,661	12,881	*	91,658
South Wello	87,069	231,915	116,353	23,876	*	92,729
North Shewa	80,382	328,516	159,208	62,495	-	238,351
East Gojjam	234,588	158,899	19,614	57,530	-	*
West Gojjam	257,032	315,241	14,964	55,251	-	200,223
Waghimra	20,647	25,254	41,809	6,312	-	23,839
awi	165,542	110,507	7,815	27,473	-	80,219
Oromiya Special Zon	*	*	*	*	*	*
Central Gonder	126,621	71,497	98,940	15,124	-	298,420
West Gonder	12,013	*	14,173	1,734	-	16,875
<b>Oromiya</b>	<b>2,919,338</b>	<b>1,073,247</b>	<b>599,157</b>	<b>365,047</b>	<b>24,438</b>	<b>1,879,215</b>
West Wollega	441,729	92,609	*	35,527	-	*
East Wollega	272,261	42,007	31,119	29,556	-	115,975
Ilu Ababor	222,530	52,152	27,924	16,685	-	86,340
Jimma	342,090	60,015	55,439	30,355	-	*
West Shewa	209,301	78,225	26,331	50,567	-	253,371
North Shewa	108,486	200,517	6,896	29,047	-	141,804
East Shewa	52,629	*	27,594	4,768	-	38,025
Arusi	111,080	77,561	*	*	-	142,101
West Hararghe	66,971	*	53,948	8,681	-	36,567
East Hararge	107,980	34,103	58,181	12,933	-	35,334
Bale	47,109	6,655	11,121	5,166	*	*
Borena	48,049	38,988	43,799	2,575	*	*
South West Shewa	35,587	34,018	26,757	12,109	-	156,792
Guji	56,251	15,420	*	8,152	-	*
West Guji	47,187	13,514	13,599	*	-	*
<b>Oromiya Special Zon</b>	<b>76,880</b>	<b>77,010</b>	*	<b>21,436</b>	-	<b>181,160</b>
West Arsi	91,282	32,925	23,544	14,650	-	86,294
Kelem Wollega	409,734	*	42,855	*	-	155,982
Horo Guduru Wollega	91,951	19,505	12,275	16,240	-	32,267
Buno Bedele	63,861	16,738	14,569	6,420	-	5,571
East Bale	16,390	*	*	*	*	14,133

TABLE 3-25 CONT'D

	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Somalie</b>	<b>142,727</b>	<b>230,011</b>	<b>596,272</b>	*	<b>151,416</b>	<b>7,476</b>
Siti	*	*	10,678	-	-	*
Fafan	*	*	-	*	-	*
Jerer	*	16,463	23,594	-	*	-
Erer	-	*	-	-	-	-
Korahe	*	7,042	8,756	*	*	-
Shebele	*	*	*	*	*	*
Dollo	*	*	42,234	*	*	*
Afder	17,152	36,729	94,347	*	*	*
Liben	81,422	99,479	350,669	*	104,734	*
Nogob	3,372	5,722	*	-	*	*
Dawa	11,493	18,241	42,394	*	7,387	*
<b>Benishangul Gumuz</b>	<b>241,865</b>	<b>17,944</b>	<b>127,148</b>	<b>13,950</b>	-	<b>126,079</b>
Assosa	39,714	7,422	70,154	5,319	-	43,550
Metekel	184,419	7,712	39,431	7,154	-	56,944
Kemashi	*	*	*	*	-	*
Mao Ena Komo	4,020	2,261	4,505	619	-	6,030
<b>SNNP</b>	<b>945,878</b>	<b>282,334</b>	<b>261,023</b>	<b>95,087</b>	-	<b>720,635</b>
Gurage	103,362	32,231	17,510	14,773	-	76,395
Hadiya	76,012	21,499	*	15,510	-	21,541
Kembata Tembaro	23,923	1,127	3,822	1,966	-	13,803
Gedeo	*	*	*	*	-	*
Welayta	117,040	15,141	25,197	3,988	-	*
South Omo	65,908	*	*	*	-	19,351
Sheka	9,705	*	-	*	-	12,069
Kefa	78,768	26,495	3,538	7,642	-	37,726
Gamo Gofa	208,075	31,293	53,229	18,887	-	82,299
Bench Maji	54,076	31,599	14,469	5,105	-	13,545
Yem Special	*	1,371	5,845	*	-	*
Segen Peoples'	36,852	28,176	46,138	*	-	60,960
Alaba Special	18,945	7,155	11,777	4,584	-	12,090
Dawro	55,237	2,170	3,790	896	-	*
Basketo Special	14,666	4,724	*	421	-	8,743
Konta Special	19,175	320	1,041	*	-	3,586
Silite	26,095	20,853	16,472	9,561	-	73,240
<b>Sidama</b>	<b>78,594</b>	*	*	*	-	*
<b>Gambela</b>	<b>14,681</b>	<b>870</b>	<b>4,405</b>	*	-	<b>8,246</b>
Angewak	706	-	*	*	-	*
Newer	12,213	*	2,773	-	-	*
Mejenger	1,337	*	*	-	-	4,795
Itang Special	*	*	474	-	-	*
Hareri	4,483	-	2,790	*	*	*
<b>Dire Dawa</b>	<b>2,240</b>	<b>1,607</b>	<b>13,062</b>	*	*	<b>3,025</b>

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
<b>National</b>	<b>2,417,485</b>	<b>4,884,502</b>	<b>6,095,030</b>	<b>118,094</b>	<b>411,553</b>	<b>16,133</b>	<b>390,874</b>	<b>19,533,098</b>
<b>Tigray</b>	<b>65,036</b>	<b>107,719</b>	<b>407,873</b>		<b>19,272</b>	*		<b>1,734,255</b>
North West Tigray	26,045	9,481	196,050		8,449	-		922,241
Central Tigray	8,322	33,736	31,484		2,740	-		204,053
Eastern Tigray	7,235	37,768	42,511		2,351	-		182,600
Southern Tigray	4,796	9,007	4,473		1,452	*		64,433
Western Tigray	15,443	*	96,889		2,079	-		276,108
South Western Tigray	3,196	11,766	36,465		2,200	-		84,820
<b>Afar</b>	<b>257,126</b>	<b>1,138,212</b>	<b>1,756,657</b>		<b>8,570</b>	-	<b>41,825</b>	<b>25,422</b>
Zone_1 (Awsiresu)	107,288	507,034	674,487		2,385	-	11,001	*
Zone_2 (Kelbetiresu)	9,549	142,766	361,075		1,764	-	9,776	*
Zone_3 (Gebiresu)	77,948	283,847	386,161		2,411	-	11,166	12,899
Zone_4 (Fentiresu)	31,748	101,488	140,467		1,511	-	2,848	-
Zone_5 (Hariresu)	30,593	103,077	194,466		498	-	7,034	10,452
<b>Amhara</b>	<b>346,427</b>	<b>1,541,624</b>	<b>1,239,994</b>	<b>22,771</b>	<b>187,023</b>	<b>6,835</b>	*	<b>7,843,907</b>
North Gonder	14,764	116,520	97,224	*	4,952	*		600,631
South Gonder	38,184	133,339	132,429	*	20,975	*		564,647
North Wello	29,745	165,660	112,405	*	10,338	*		329,272
South Wello	36,997	239,633	281,511	*	19,873	-	*	448,851
North Shewa	28,408	235,604	225,863	*	34,895	*		474,032
East Gojjam	38,224	136,931	33,014	*	26,232	*		531,833
West Gojjam	59,167	226,068	41,488	*	31,393	*		2,111,441
Waghimra	6,592	59,428	64,275		4,379	-		172,594
Awi	23,755	63,848	14,983	4,021	5,230	*		581,129
Oromiya Special Zone	11,968	11,184	30,642		2,589	-		102,677
Central Gonder	41,785	145,361	168,069	*	22,798	*		1,758,573
West Gonder	16,837	8,050	38,092		3,369	-	*	168,226
<b>Oromiya</b>	<b>829,195</b>	<b>1,024,483</b>	<b>723,641</b>	<b>63,693</b>	<b>137,284</b>	<b>5,384</b>	<b>9,528</b>	<b>6,278,885</b>
West Wollega	67,957	73,389	9,887	*	9,661	-		468,361
East Wollega	47,482	25,056	36,870		6,823	-		338,116
Ilu Ababor	68,132	37,673	21,867	9,368	6,184	*		233,021
Jimma	139,238	143,782	76,173	*	18,704	*		872,611
West Shewa	66,341	119,391	37,380	22,985	10,950	-		730,547
North Shewa	39,770	181,088	10,380	*	13,272	*		392,027
East Shewa	19,647	19,308	11,165	1,550	4,252	-		253,503
Arsi	20,543	79,635	46,709	6,179	5,063	*		232,292
West Hararghe	18,987	9,922	*		5,309	-	*	451,367
East Hararge	62,114	37,597	103,958		11,900	-		328,954
Bale	33,823	9,107	39,721	*	3,375	*	*	88,160
Borena	13,443	49,887	38,797		*	-	*	16,782
South West Shewa	16,509	29,731	49,172	2,349	4,377	*		320,062
Guji	49,640	48,369	19,613	*	*	-		279,366
West Guji	18,781	18,392	*	*	*	-		196,720
<b>Oromiya Special Zon</b>	<b>27,568</b>	<b>68,118</b>	*	<b>1,503</b>	<b>6,723</b>	-		<b>301,084</b>
West Arsi	29,527	28,577	50,921	*	5,902	-		337,443
Kelem Wollega	37,714	13,524	*		*	-		205,085
Horo Guduru Wollega	25,487	13,066	13,241	*	6,700	-		145,460
Buno Bedele	15,950	13,759	17,310	*	1,134	-		53,196
East Bale	10,543	*	38,899	-	*	-	*	34,728

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	horses	Donkeys	Mules	Camels	Poultry
<b>Somalie</b>	<b>366,942</b>	<b>530,747</b>	<b>1,442,210</b>	-	<b>9,587</b>	-	<b>337,767</b>	<b>29,908</b>
Siti	*	8,164	31,733	-	*	-	-	*
Fafan	2,601	7,089	3,476	-	-	-	-	*
Jerer	*	*	2,824	-	-	-	*	-
Erer	15,125	12,594	61,410	-	409	-	14,857	-
Korahe	7,872	38,898	61,340	-	*	-	62,300	-
Shebele	75,391	57,116	147,113	-	2,715	-	*	*
Dollo	6,083	*	33,419	-	-	-	31,275	-
Afder	124,594	195,163	472,748	-	3,173	-	96,245	*
Liben	91,744	140,014	549,543	-	2,883	-	61,619	*
Nogob	29,921	46,747	37,031	-	*	-	6,995	-
Dawa	9,495	13,732	41,574	-	*	-	2,995	*
<b>Benishangul Gumuz</b>	<b>35,537</b>	<b>21,300</b>	<b>131,505</b>	-	<b>8,970</b>	*	-	<b>578,960</b>
Assosa	8,105	4,913	86,835	-	5,325	-	-	303,858
Metekel	19,591	*	22,397	-	*	*	-	177,586
Kemashi	6,718	*	16,863	-	*	-	-	73,890
Mao Ena Komo	1,122	2,090	5,410	-	538	-	-	23,625
<b>SNNP</b>	<b>452,270</b>	<b>458,000</b>	<b>321,870</b>	<b>29,331</b>	<b>36,080</b>	<b>3,404</b>	-	<b>2,458,172</b>
Gurage	46,056	50,636	15,703	*	5,391	-	-	158,208
Hadiya	42,406	47,466	18,984	*	10,580	*	-	219,752
Kembata Tembaro	15,543	*	6,133	-	3,092	-	-	73,559
Gedeo	2,776	*	*	*	*	*	-	30,268
Welayta	26,190	20,241	*	-	*	-	-	*
South Omo	67,240	72,640	111,352	*	*	-	-	122,157
Sheka	*	8,816	*	2,553	-	-	-	74,790
Kefa	51,653	62,127	18,616	7,931	*	*	-	346,720
Gamo Gofa	92,346	58,759	39,376	*	*	*	-	345,912
Bench Maji	25,317	32,021	11,619	2,475	*	-	-	181,398
Yem Special	*	1,677	8,720	*	338	-	-	13,981
Segen Peoples'	16,655	22,831	22,780	-	*	-	-	184,533
Alaba Special	11,366	12,148	12,987	408	2,771	-	-	88,899
Dawro	16,284	4,976	*	*	*	*	-	17,841
Basketo Special	4,081	3,929	3,051	-	*	*	-	20,851
Konta Special	8,399	1,126	2,680	-	*	*	-	4,858
Silite	13,626	33,977	21,555	*	3,310	-	-	213,530
<b>Sidama</b>	<b>43,862</b>	<b>50,930</b>	<b>14,958</b>	*	*	-	-	<b>428,281</b>
<b>Gambela</b>	<b>13,918</b>	<b>1,898</b>	<b>12,260</b>	-	*	-	-	<b>57,999</b>
Angewak	*	*	2,963	-	*	-	-	19,720
Newer	11,334	*	7,984	-	-	-	-	3,459
Mejenger	1,256	*	634	-	-	-	-	30,194
Itang Special	1,155	*	678	-	-	-	-	4,626
Hareri	3,283	*	8,623	-	1,023	-	*	27,253
<b>Dire Dawa</b>	<b>3,888</b>	<b>9,226</b>	<b>35,440</b>	-	*	-	*	<b>70,057</b>

TABLE 3-26- b: ESTIMATED NUMBER OF LIVESTOCK DIED FROM OTHER CAUSES

## BY ZONE AND REGION

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>National</b>	<b>1,015,766</b>	<b>1,629,808</b>	<b>2,641,629</b>	<b>1,015,766</b>	<b>1,629,808</b>	<b>2,641,629</b>	<b>1,015,766</b>	<b>1,629,808</b>
<b>Tigray</b>	<b>46,043</b>	<b>92,980</b>	<b>240,645</b>	<b>46,043</b>	<b>92,980</b>	<b>240,645</b>	<b>46,043</b>	<b>92,980</b>
North West Tigray	16,709	*	132,045	16,709	*	132,045	16,709	*
Central Tigray	2,999	20,263	39,888	2,999	20,263	39,888	2,999	20,263
Eastern Tigray	*	28,416	*	*	28,416	*	*	28,416
Southern Tigray	4,123	12,102	11,848	4,123	12,102	11,848	4,123	12,102
Western Tigray	9,365	*	34,176	9,365	*	34,176	9,365	*
South Western Tigray	6,976	12,667	11,861	6,976	12,667	11,861	6,976	12,667
<b>Afar</b>	<b>161,702</b>	<b>480,930</b>	<b>958,087</b>	<b>161,702</b>	<b>480,930</b>	<b>958,087</b>	<b>161,702</b>	<b>480,930</b>
Zone_1 (Awsiresu)	64,010	174,711	366,921	64,010	174,711	366,921	64,010	174,711
Zone_2 (Kelbetiresu)	4,806	49,457	203,705	4,806	49,457	203,705	4,806	49,457
Zone_3 (Gebiresu)	37,784	105,686	130,400	37,784	105,686	130,400	37,784	105,686
Zone_4 (Fentiresu)	32,287	88,634	139,053	32,287	88,634	139,053	32,287	88,634
Zone_5 (Hariresu)	22,815	62,443	118,008	22,815	62,443	118,008	22,815	62,443
<b>Amhara</b>	<b>189,351</b>	<b>260,971</b>	<b>358,474</b>	<b>189,351</b>	<b>260,971</b>	<b>358,474</b>	<b>189,351</b>	<b>260,971</b>
North Gonder	21,371	22,186	35,428	21,371	22,186	35,428	21,371	22,186
South Gonder	21,947	30,102	47,585	21,947	30,102	47,585	21,947	30,102
North Wello	17,006	14,920	32,274	17,006	14,920	32,274	17,006	14,920
South Wello	24,537	30,627	69,029	24,537	30,627	69,029	24,537	30,627
North Shewa	20,684	56,331	67,898	20,684	56,331	67,898	20,684	56,331
East Gojjam	17,538	29,695	*	17,538	29,695	*	17,538	29,695
West Gojjam	18,532	35,473	13,370	18,532	35,473	13,370	18,532	35,473
Waghimra	9,967	8,964	11,416	9,967	8,964	11,416	9,967	8,964
awi	8,084	5,964	*	8,084	5,964	*	8,084	5,964
Oromiya Special Zone	3,167	*	*	3,167	*	*	3,167	*
Central Gonder	22,021	22,960	37,448	22,021	22,960	37,448	22,021	22,960
West Gonder	4,497	*	7,630	4,497	*	7,630	4,497	*
<b>Oromiya</b>	<b>251,511</b>	<b>324,632</b>	<b>296,343</b>	<b>251,511</b>	<b>324,632</b>	<b>296,343</b>	<b>251,511</b>	<b>324,632</b>
West Wollega	*	*	-	*	*	-	*	*
East Wollega	7,769	10,563	6,087	7,769	10,563	6,087	7,769	10,563
Ilu Ababor	8,756	8,938	*	8,756	8,938	*	8,756	8,938
Jimma	19,004	29,951	33,640	19,004	29,951	33,640	19,004	29,951
West Shewa	22,667	54,382	19,783	22,667	54,382	19,783	22,667	54,382
North Shewa	11,955	*	*	11,955	*	*	11,955	*
East Shewa	3,524	11,623	8,362	3,524	11,623	8,362	3,524	11,623
Arsi	35,577	20,276	43,082	35,577	20,276	43,082	35,577	20,276
West Hararghe	*	*	*	*	*	*	*	*
East Hararge	7,491	13,897	57,758	7,491	13,897	57,758	7,491	13,897
Bale	10,767	4,151	*	10,767	4,151	*	10,767	4,151
Borena	*	*	18,747	*	*	18,747	*	*
South West Shewa	7,136	3,651	10,280	7,136	3,651	10,280	7,136	3,651
Guji	14,570	*	*	14,570	*	*	14,570	*
West Guji	4,842	3,080	*	4,842	3,080	*	4,842	3,080
<b>Oromiya Special Zone</b>	<b>16,606</b>	<b>24,154</b>	*	<b>16,606</b>	<b>24,154</b>	*	<b>16,606</b>	<b>24,154</b>
West Arsi	26,190	*	*	26,190	*	*	26,190	*
Kelem Wollega	*	*	*	*	*	*	*	*
Horo Guduru Wollega	10,822	1,697	*	10,822	1,697	*	10,822	1,697
Buno Bedele	3,678	5,522	6,790	3,678	5,522	6,790	3,678	5,522
East Bale	6,811	*	10,329	6,811	*	10,329	6,811	*

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Somalie</b>	<b>238,769</b>	<b>350,601</b>	<b>661,985</b>	<b>238,769</b>	<b>350,601</b>	<b>661,985</b>	<b>238,769</b>	<b>350,601</b>
Siti	*	6,936	22,744	*	6,936	22,744	*	6,936
Fafan	3,717	9,755	4,449	3,717	9,755	4,449	3,717	9,755
Jerer	*	*	2,548	*	*	2,548	*	*
Erer	8,833	7,734	10,622	8,833	7,734	10,622	8,833	7,734
Korahe	*	8,757	*	*	8,757	*	*	8,757
Shebele	71,245	39,390	126,209	71,245	39,390	126,209	71,245	39,390
Dollo	*	*	8,247	*	*	8,247	*	*
Afder	31,025	96,273	209,033	31,025	96,273	209,033	31,025	96,273
Liben	*	101,687	180,564	*	101,687	180,564	*	101,687
Nogob	44,010	70,764	77,119	44,010	70,764	77,119	44,010	70,764
Dawa	3,512	4,314	8,216	3,512	4,314	8,216	3,512	4,314
<b>Benishangul Gumuz</b>	<b>12,429</b>	<b>3,520</b>	<b>30,814</b>	<b>12,429</b>	<b>3,520</b>	<b>30,814</b>	<b>12,429</b>	<b>3,520</b>
Assosa	*	*	9,512	*	*	9,512	*	*
Metekel	10,517	*	2,616	10,517	*	2,616	10,517	*
Kemashi	*	*	*	*	*	*	*	*
Mao Ena Komo	*	789	414	*	789	414	*	789
<b>SNNP</b>	<b>100,092</b>	<b>107,514</b>	<b>71,757</b>	<b>100,092</b>	<b>107,514</b>	<b>71,757</b>	<b>100,092</b>	<b>107,514</b>
Gurage	12,490	17,157	12,527	12,490	17,157	12,527	12,490	17,157
Hadiya	11,775	3,946	4,206	11,775	3,946	4,206	11,775	3,946
Kembata Tembaro	6,158	3,238	*	6,158	3,238	*	6,158	3,238
Gedeo	*	*	-	*	*	-	*	*
Welayta	9,866	*	*	9,866	*	*	9,866	*
South Omo	12,241	7,879	10,314	12,241	7,879	10,314	12,241	7,879
Sheka	*	4,417	-	*	4,417	-	*	4,417
Kefa	10,768	17,412	12,665	10,768	17,412	12,665	10,768	17,412
Gamo Gofa	12,958	13,488	10,108	12,958	13,488	10,108	12,958	13,488
Bench Maji	*	9,101	764	*	9,101	764	*	9,101
Yem Special	291	470	1,110	291	470	1,110	291	470
Segen Peoples'	*	1,871	1,649	*	1,871	1,649	*	1,871
Alaba Special	2,005	3,148	3,904	2,005	3,148	3,904	2,005	3,148
Dawro	1,105	*	1,975	1,105	*	1,975	1,105	*
Basketo Special	413	*	*	413	*	*	413	*
Konta Special	933	*	1,237	933	*	1,237	933	*
Silite	12,144	18,194	6,788	12,144	18,194	6,788	12,144	18,194
<b>Sidama</b>	*	*	*	*	*	*	*	*
<b>Gambela</b>	*	<b>1,047</b>	<b>4,483</b>	*	<b>1,047</b>	<b>4,483</b>	*	<b>1,047</b>
Angewak	*	-	800	*	-	800	*	-
Newer	*	*	*	*	*	*	*	*
Mejenger	*	*	-	*	*	-	*	*
Itang Special	269	*	289	269	*	289	269	*
Hareri	<b>1,229</b>	*	<b>4,359</b>	<b>1,229</b>	*	<b>4,359</b>	<b>1,229</b>	*
<b>Dire Dawa</b>	<b>1,427</b>	<b>4,944</b>	<b>13,991</b>	<b>1,427</b>	<b>4,944</b>	<b>13,991</b>	<b>1,427</b>	<b>4,944</b>

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
<b>National</b>	18,876,632	4,371,279	4,706,179	4,662,176	3,946,565	919,220	231,242
<b>Tigray</b>	1,479,536	378,562	322,217	393,112	307,219	67,085	11,127
North West Tigray	503,107	129,274	92,158	101,591	140,253	34,575	5,256
Central Tigray	301,914	75,516	78,399	105,393	42,606	-	-
Eastern Tigray	201,123	57,871	53,067	61,326	27,542	1,317	-
Southern Tigray	135,309	35,475	32,063	36,537	27,958	3,276	-
Western Tigray	139,224	31,754	15,577	25,266	34,757	26,044	5,612
South Western Tigray	198,858	48,669	50,954	62,999	34,104	1,873	259
<b>Afar</b>	<b>339,402</b>	<b>176,564</b>	<b>21,446</b>	<b>28,747</b>	<b>43,211</b>	<b>38,967</b>	<b>26,366</b>
Zone_1 (Awsiresu)	176,033	93,737	8,975	15,919	23,362	20,758	12,053
Zone_2 (Kelbetiresu)	59,065	48,773	3,051	2,458	2,525	2,011	247
Zone_3 (Gebiresu)	51,314	12,674	4,163	4,439	8,389	10,723	9,050
Zone_4 (Fentiresu)	26,057	13,192	3,321	2,354	4,077	2,113	951
Zone_5 (Hariresu)	26,933	8,189	1,935	3,576	4,858	3,363	4,065
<b>Amhara</b>	<b>5,244,863</b>	<b>1,048,316</b>	<b>1,404,174</b>	<b>1,419,561</b>	<b>1,157,039</b>	<b>192,532</b>	<b>22,031</b>
North Gonder	291,477	57,597	108,636	75,733	41,126	7,960	425
South Gonder	579,431	76,359	147,178	194,746	144,659	16,489	-
North Wello	370,457	65,999	135,188	120,418	46,973	1,879	-
South Wello	800,197	173,292	267,079	256,662	95,978	6,358	828
North Shewa	588,814	107,586	172,246	170,278	136,981	1,723	-
East Gojam	650,921	138,005	182,341	140,827	158,424	29,071	2,253
West Gojam	766,238	176,188	146,715	167,452	221,556	47,399	6,928
Waghimra	142,359	30,097	45,487	43,438	21,777	1,560	-
Awj	283,217	66,568	54,564	61,306	75,308	24,095	1,376
Oromiya Special Zone	120,541	37,955	31,866	26,548	20,427	3,348	397
Central Gonder	605,420	107,429	108,759	155,275	184,322	42,303	6,677
West Gonder	45,790	11,239	4,115	6,877	9,508	10,348	3,147
<b>Oromiya</b>	<b>6,831,276</b>	<b>1,453,754</b>	<b>1,639,878</b>	<b>1,587,712</b>	<b>1,657,852</b>	<b>439,605</b>	<b>51,723</b>
West Wollega	289,914	80,827	58,219	35,430	68,891	40,420	6,127
East Wollega	228,619	50,823	39,735	41,758	65,413	27,386	3,504
Ilu Ababor	266,999	73,534	55,319	55,134	63,636	17,829	1,547
Jimma	679,251	109,147	155,940	177,800	203,168	32,564	632
West Shewa	571,527	136,151	112,753	112,243	158,382	48,687	3,311
North Shewa	325,487	43,287	67,787	93,298	99,657	20,522	936
East Shewa	274,223	57,866	59,922	67,327	65,502	20,474	3,132
Arsi	736,901	103,392	159,582	215,738	219,639	35,216	3,334
West Hararghe	435,696	85,022	162,855	125,517	53,935	6,703	1,664
East Hararge	599,700	128,163	273,795	147,079	47,222	3,441	-
Bale	203,195	29,993	31,184	53,155	67,786	17,973	3,104
Borena	74,830	9,971	10,625	13,886	18,344	14,191	7,061
South West Shewa	303,261	53,513	73,423	79,336	83,582	12,222	1,185
Guji	359,730	72,486	81,500	87,528	87,807	29,297	1,112
West Guji	251,368	131,416	54,289	31,867	18,024	13,015	2,757
<b>Oromiya Special Zon</b>	<b>215,191</b>	<b>47,062</b>	<b>37,515</b>	<b>40,269</b>	<b>65,666</b>	<b>22,995</b>	<b>1,684</b>
West Arsi	453,149	95,270	97,347	93,634	130,205	33,283	3,410
Kelem Wollega	218,724	74,932	51,862	48,008	43,922	-	-
Horo Guduru Wollega	129,976	33,181	15,916	22,870	28,713	24,251	5,045
Buno Bedele	96,214	15,559	18,649	18,898	33,876	8,427	805
East Bale	117,318	22,159	21,659	26,937	34,482	10,710	1,371

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
<b>Somalie</b>	<b>641,236</b>	<b>294,880</b>	<b>28,795</b>	<b>47,423</b>	<b>78,698</b>	<b>80,167</b>	<b>84,223</b>
Siti	27,412	17,455	2,880	2,807	3,130	967	173
Fafan	56,269	11,525	3,078	7,180	13,646	12,721	7,379
Jerer	65,417	36,726	1,316	1,322	4,817	5,504	13,490
Erer	56,704	33,738	693	527	1,957	4,250	15,539
Korahe	35,255	17,239	914	1,181	1,822	2,237	6,035
Shebele	66,640	18,803	2,296	4,931	9,485	18,641	12,484
Dollo	55,424	27,431	956	1,116	2,198	3,710	10,635
Afder	77,086	25,957	4,359	5,679	11,803	16,002	11,643
Liben	168,288	97,282	11,246	20,996	26,606	12,158	-
Nogob	16,854	3,990	275	231	597	1,223	4,157
Dawa	15,887	4,730	782	1,455	2,639	2,754	2,688
<b>Benishangul Gumuz</b>	<b>210,313</b>	<b>118,421</b>	<b>24,346</b>	<b>24,398</b>	<b>25,881</b>	<b>12,199</b>	<b>4,746</b>
Assosa	69,209	54,793	4,476	4,278	4,447	1,010	205
Metekel	83,125	21,909	11,062	16,843	18,172	10,309	4,508
Kemashi	50,727	37,129	7,760	2,420	2,647	771	-
Mao Ena Komo	7,252	4,590	1,047	858	615	109	33
<b>SNNP</b>	<b>2,916,669</b>	<b>557,933</b>	<b>843,636</b>	<b>866,449</b>	<b>548,535</b>	<b>71,216</b>	<b>22,767</b>
Gurage	310,793	37,747	73,663	113,196	82,467	3,720	-
Hadiya	308,301	22,614	98,623	115,652	66,516	4,896	-
Kembata Tembaro	156,317	13,484	63,556	60,001	19,037	239	-
Gedeo	208,872	151,029	40,197	12,712	4,934	-	-
Welayta	343,227	38,200	131,758	129,745	42,587	937	-
South Omo	120,463	32,514	20,685	16,617	18,821	9,893	15,800
Sheka	63,500	15,816	12,375	10,944	15,342	7,527	1,496
Kefa	233,886	33,883	51,295	66,842	66,272	13,491	2,103
Gamo Gofa	448,283	76,943	145,387	120,097	89,099	15,051	1,706
Bench Maji	121,492	32,631	32,898	26,102	25,428	4,004	429
Yem Special	22,157	3,833	4,104	5,459	8,052	709	-
Segen Peoples'	149,308	44,196	43,221	33,039	23,483	4,545	824
Alaba Special	62,699	11,297	16,658	19,968	12,902	1,712	162
Dawro	77,247	5,891	17,818	26,103	23,541	3,647	247
Basketo Special	20,305	5,315	6,630	4,592	3,550	218	-
Konta Special	31,298	3,063	8,579	10,527	8,819	310	-
Silite	238,520	29,474	76,191	94,853	37,687	315	-
<b>Sidama</b>	<b>1,056,900</b>	<b>275,253</b>	<b>383,374</b>	<b>269,851</b>	<b>116,150</b>	<b>9,996</b>	<b>2,276</b>
<b>Gambela</b>	<b>56,253</b>	<b>28,015</b>	<b>5,456</b>	<b>3,998</b>	<b>5,468</b>	<b>7,145</b>	<b>5,983</b>
Angewak	8,057	6,813	336	260	455	193	-
Newer	21,044	2,698	691	1,385	3,932	6,498	5,682
Mejenger	22,952	15,491	4,358	2,213	807	83	-
Itang Special	4,200	3,013	71	140	274	371	301
Hareri	55,734	22,771	18,730	10,790	3,210	233	-
<b>Dire Dawa</b>	<b>44,450</b>	<b>16,811</b>	<b>14,126</b>	<b>10,135</b>	<b>3,303</b>	<b>75</b>	<b>-</b>

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
<b>National</b>	<b>18,876,632</b>	<b>12,454,088</b>	<b>3,810,383</b>	<b>1,697,539</b>	<b>809,854</b>	<b>79,299</b>	<b>20,829</b>
<b>Tigray</b>	<b>1,479,536</b>	<b>1,175,944</b>	<b>114,759</b>	<b>117,810</b>	<b>69,458</b>	<b>1,565</b>	-
North West Tigray	503,107	455,886	17,128	13,710	15,094	1,289	-
Central Tigray	301,914	217,385	33,751	33,064	17,714	-	-
Eastern Tigray	201,123	108,440	32,686	40,787	19,210	-	-
Southern Tigray	135,309	105,602	13,025	9,751	6,931	-	-
Western Tigray	139,224	123,658	4,770	8,757	2,039	-	-
South Western Tigray	198,858	164,974	13,399	11,741	8,469	275	-
<b>Afar</b>	<b>339,402</b>	<b>115,694</b>	<b>34,365</b>	<b>41,744</b>	<b>131,027</b>	<b>14,095</b>	<b>2,477</b>
Zone_1 (Awsiresu)	176,033	62,115	18,306	23,007	65,416	5,896	1,293
Zone_2 (Kelbetiresu)	59,065	28,587	7,730	6,435	15,486	827	-
Zone_3 (Gebiresu)	51,314	11,077	3,492	3,452	28,319	4,089	885
Zone_4 (Fentiresu)	26,057	6,402	2,868	4,808	10,885	1,018	76
Zone_5 (Hariresu)	26,933	7,515	1,969	4,043	10,920	2,264	222
<b>Amhara</b>	<b>5,244,863</b>	<b>3,246,368</b>	<b>1,087,991</b>	<b>676,909</b>	<b>233,111</b>	<b>484</b>	-
North Gonder	291,477	187,336	57,568	34,583	11,990	-	-
South Gonder	579,431	325,159	147,074	86,734	20,464	-	-
North Wello	370,457	224,121	70,586	45,881	29,869	-	-
South Wello	800,197	515,555	140,537	107,894	36,211	-	-
North Shewa	588,814	310,321	113,155	105,075	59,861	402	-
East Gojjam	650,921	399,795	157,356	77,977	15,793	-	-
West Gojjam	766,238	413,691	211,008	115,329	26,210	-	-
Waghimra	142,359	106,266	19,587	11,426	5,080	-	-
Awi	283,217	156,159	76,342	43,042	7,674	-	-
Oromiya Special Zone	120,541	108,584	8,839	2,746	372	-	-
Central Gonder	605,420	456,460	84,689	45,494	18,777	-	-
West Gonder	45,790	42,919	1,251	728	810	82	-
<b>Oromiya</b>	<b>6,831,276</b>	<b>4,609,719</b>	<b>1,464,335</b>	<b>603,162</b>	<b>153,347</b>	<b>713</b>	-
West Wollega	289,914	177,331	76,747	34,292	1,544	-	-
East Wollega	228,619	163,642	41,453	20,046	3,478	-	-
Ilu Ababor	266,999	169,360	78,785	17,163	1,691	-	-
Jimma	679,251	402,898	225,241	48,231	2,881	-	-
West Shewa	571,527	334,335	147,553	75,117	14,522	-	-
North Shewa	325,487	183,785	59,542	54,925	27,235	-	-
East Shewa	274,223	195,255	44,657	24,831	9,066	414	-
Arsi	736,901	493,147	138,846	77,513	27,395	-	-
West Hararghe	435,696	384,121	45,721	5,854	-	-	-
East Hararge	599,700	475,947	106,638	17,115	-	-	-
Bale	203,195	164,806	24,196	10,196	3,997	-	-
Borena	74,830	26,483	20,723	14,863	12,463	298	-
South West Shewa	303,261	225,244	60,241	17,013	763	-	-
Guji	359,730	211,892	92,154	47,100	8,584	-	-
West Guji	251,368	188,743	49,472	11,823	1,330	-	-
<b>Oromiya Special Zon</b>	<b>215,191</b>	<b>127,981</b>	<b>44,331</b>	<b>31,212</b>	<b>11,667</b>	-	-
West Arsi	453,149	269,197	112,174	51,583	20,195	-	-
Kelem Wollega	218,724	162,364	39,984	16,376	-	-	-
Horo Guduru Wollega	129,976	89,275	23,226	14,697	2,778	-	-
Buno Bedele	96,214	63,901	25,600	5,905	808	-	-
East Bale	117,318	100,011	7,051	7,307	2,949	-	-

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
<b>Somalie</b>	<b>641,236</b>	<b>289,377</b>	<b>34,260</b>	<b>60,171</b>	<b>178,519</b>	<b>60,303</b>	<b>15,793</b>
Siti	27,412	17,446	3,236	2,662	3,708	344	16
Fafan	56,269	26,042	2,758	4,257	19,622	3,082	508
Jerer	65,417	9,539	1,165	1,588	30,542	14,816	7,237
Erer	56,704	34,347	395	505	15,192	6,265	-
Korahe	35,255	16,116	389	1,194	10,537	7,019	-
Shebele	66,640	34,634	1,268	2,993	23,159	4,586	-
Dollo	55,424	33,519	452	667	9,755	11,031	-
Afder	77,086	21,018	4,315	8,171	33,475	6,977	2,774
Liben	168,288	90,073	18,681	36,010	23,524	-	-
Nogob	16,854	1,170	-	31	2,957	5,608	5,250
Dawa	15,887	5,474	1,602	2,093	6,046	575	7
<b>Benishangul Gumuz</b>	<b>210,313</b>	<b>195,400</b>	<b>9,477</b>	<b>4,939</b>	<b>497</b>	-	-
Assosa	69,209	65,746	2,658	691	114	-	-
Metekel	83,125	76,156	4,262	2,707	-	-	-
Kemashi	50,727	47,873	1,514	1,065	275	-	-
Mao Ena Komo	7,252	5,625	1,043	476	108	-	-
<b>SNNP</b>	<b>2,916,669</b>	<b>1,834,127</b>	<b>861,321</b>	<b>172,139</b>	<b>42,556</b>	<b>2,139</b>	<b>2,560</b>
Gurage	310,793	197,606	90,532	19,942	2,713	-	-
Hadiya	308,301	231,130	73,355	3,816	-	-	-
Kembata Tembaro	156,317	129,142	25,891	1,284	-	-	-
Gedo	208,872	128,205	64,796	14,226	1,645	-	-
Welayta	343,227	229,641	111,100	2,486	-	-	-
South Omo	120,463	67,276	21,513	10,054	15,094	2,139	2,560
Sheka	63,500	34,705	16,383	10,527	1,885	-	-
Kefa	233,886	99,539	100,350	28,944	5,053	-	-
Gamo Gofa	448,283	296,296	114,957	27,172	9,858	-	-
Bench Maji	121,492	65,733	45,884	9,164	711	-	-
Yem Special	22,157	16,113	5,216	828	-	-	-
Segen Peoples'	149,308	89,338	43,045	13,924	3,001	-	-
Alaba Special	62,699	39,962	18,423	4,213	101	-	-
Dawro	77,247	51,342	24,150	1,647	108	-	-
Basketo Special	20,305	12,977	6,602	726	-	-	-
Konta Special	31,298	23,068	7,808	422	-	-	-
Silite	238,520	122,053	91,317	22,764	2,386	-	-
<b>Sidama</b>	<b>1,056,900</b>	<b>855,741</b>	<b>185,275</b>	<b>15,884</b>	-	-	-
<b>Gambela</b>	<b>56,253</b>	<b>50,683</b>	<b>3,492</b>	<b>1,388</b>	<b>690</b>	-	-
Angewak	8,057	7,934	91	32	-	-	-
Newer	21,044	19,171	765	544	564	-	-
Mejenger	22,952	19,489	2,589	780	94	-	-
Itang Special	4,200	4,088	47	33	32	-	-
Hareri	<b>55,734</b>	<b>53,496</b>	<b>2,126</b>	<b>112</b>	-	-	-
<b>Dire Dawa</b>	<b>44,450</b>	<b>27,538</b>	<b>12,982</b>	<b>3,280</b>	<b>650</b>	-	-

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
<b>National</b>	<b>18,876,632</b>	<b>13,600,660</b>	<b>2,823,932</b>	<b>1,226,566</b>	<b>1,036,083</b>	<b>137,819</b>	<b>36,787</b>
<b>Tigray</b>	<b>1,479,536</b>	<b>967,666</b>	<b>147,851</b>	<b>171,065</b>	<b>190,145</b>	<b>2,809</b>	-
North West Tigray	503,107	277,438	62,282	71,082	89,731	2,574	-
Central Tigray	301,914	169,026	38,629	48,206	46,053	-	-
Eastern Tigray	201,123	174,281	8,637	12,192	6,013	-	-
Southern Tigray	135,309	110,519	10,186	9,084	5,520	-	-
Western Tigray	139,224	74,192	17,198	19,429	28,170	235	-
South Western Tigray	198,858	162,209	10,918	11,072	14,659	-	-
<b>Afar</b>	<b>339,402</b>	<b>41,867</b>	<b>20,403</b>	<b>37,541</b>	<b>190,752</b>	<b>42,003</b>	<b>6,433</b>
Zone_1 (Awsiresu)	176,033	28,368	11,446	21,695	95,039	17,661	1,824
Zone_2 (Kelbetiresu)	59,065	2,363	4,808	7,996	38,375	5,269	254
Zone_3 (Gebiresu)	51,314	7,128	1,848	2,987	25,308	11,310	2,439
Zone_4 (Fentiresu)	26,057	2,728	1,583	2,734	16,644	2,134	234
Zone_5 (Hariresu)	26,933	1,281	718	2,129	15,386	5,629	1,681
<b>Amhara</b>	<b>5,244,863</b>	<b>4,023,790</b>	<b>655,109</b>	<b>370,962</b>	<b>192,814</b>	<b>1,944</b>	-
North Gonder	291,477	198,091	47,145	26,032	19,791	418	-
South Gonder	579,431	424,585	81,170	46,988	26,688	-	-
North Wello	370,457	258,947	61,367	35,215	14,928	-	-
South Wello	800,197	505,263	183,089	76,099	35,746	-	-
North Shewa	588,814	418,985	100,665	54,098	14,525	541	-
East Gojjam	650,921	598,567	29,418	15,692	7,244	-	-
West Gojjam	766,238	713,117	28,989	17,528	6,604	-	-
Waghimra	142,359	80,662	23,291	19,816	18,346	-	-
Awi	283,217	263,745	6,263	9,241	3,968	-	-
Oromiya Special Zone	120,541	80,816	21,659	11,613	6,453	-	-
Central Gonder	605,420	455,009	67,114	51,853	30,707	737	-
West Gonder	45,790	25,999	4,942	6,787	7,814	248	-
<b>Oromiya</b>	<b>6,831,276</b>	<b>5,047,847</b>	<b>1,186,494</b>	<b>433,435</b>	<b>160,486</b>	<b>2,527</b>	<b>487</b>
West Wollega	289,914	271,407	13,842	4,665	-	-	-
East Wollega	228,619	184,027	29,438	13,925	1,229	-	-
Ilu Ababor	266,999	225,293	31,883	7,849	1,974	-	-
Jimma	679,251	505,490	139,981	29,277	4,503	-	-
West Shewa	571,527	511,277	39,815	16,522	3,913	-	-
North Shewa	325,487	292,347	18,124	12,875	2,141	-	-
East Shewa	274,223	202,698	35,643	23,707	12,175	-	-
Arsi	736,901	538,403	110,773	55,825	31,900	-	-
West Hararghe	435,696	193,704	166,337	60,787	13,685	696	487
East Hararge	599,700	256,317	272,265	60,176	10,942	-	-
Bale	203,195	142,409	26,720	19,996	14,070	-	-
Borena	74,830	10,971	19,156	19,412	24,837	454	-
South West Shewa	303,261	227,327	56,056	16,341	3,537	-	-
Guji	359,730	280,589	50,275	23,894	4,972	-	-
West Guji	251,368	217,819	22,060	8,693	2,796	-	-
<b>Oromiya Special Zone</b>	<b>215,191</b>	<b>200,895</b>	<b>6,284</b>	<b>6,423</b>	<b>1,589</b>	-	-
West Arsi	453,149	389,232	49,987	9,062	4,868	-	-
Kelem Wollega	218,724	188,937	26,721	3,066	-	-	-
Horo Guduru Wollega	129,976	100,158	16,963	10,171	2,684	-	-
Buno Bedele	96,214	66,855	23,019	5,656	684	-	-
East Bale	117,318	41,691	31,152	25,113	17,986	1,376	-

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
<b>Somalie</b>	<b>641,236</b>	<b>238,217</b>	<b>17,613</b>	<b>38,576</b>	<b>228,525</b>	<b>81,886</b>	<b>26,991</b>
Siti	27,412	4,018	4,848	5,548	12,015	813	154
Fafan	56,269	16,351	4,970	8,075	24,705	2,168	-
Jerer	65,417	3,884	793	1,441	25,252	21,535	9,087
Erer	56,704	32,148	321	1,017	12,102	11,116	-
Korahe	35,255	18,126	514	1,232	9,863	5,520	-
Shebele	66,640	24,735	1,893	2,750	28,687	8,575	-
Dollo	55,424	37,704	37	416	10,337	6,930	-
Afder	77,086	2,878	1,274	3,940	37,324	18,100	10,715
Liben	168,288	96,104	2,142	12,528	57,514	-	-
Nogob	16,854	969	62	-	2,150	4,569	6,155
Dawa	15,887	1,302	758	1,629	8,575	2,560	880
<b>Benishangul Gumuz</b>	<b>210,313</b>	<b>140,014</b>	<b>34,028</b>	<b>21,546</b>	<b>14,625</b>	<b>100</b>	-
Assosa	69,209	41,864	14,484	8,354	4,507	-	-
Metekel	83,125	65,179	7,189	4,173	6,484	100	-
Kemashi	50,727	28,368	10,410	8,526	3,423	-	-
Mao Ena Komo	7,252	4,603	1,945	493	211	-	-
<b>SNNP</b>	<b>2,916,669</b>	<b>2,124,83</b>	<b>614,660</b>	<b>120,394</b>	<b>43,927</b>	<b>5,453</b>	<b>2,688</b>
Gurage	310,793	259,210	45,997	4,780	806	-	-
Hadiya	308,301	229,427	71,064	7,810	-	-	-
Kembata Tembaro	156,317	120,145	34,914	1,258	-	-	-
Gedeo	208,872	204,872	4,000	-	-	-	-
Welayta	343,227	265,233	67,325	9,397	1,272	-	-
South Omo	120,463	58,377	18,130	8,670	24,068	3,818	2,688
Sheka	63,500	60,621	2,251	376	252	-	-
Kefa	233,886	158,650	66,854	6,770	1,612	-	-
Gamo Gofa	448,283	325,336	95,486	21,847	4,663	951	-
Bench Maji	121,492	89,780	26,065	4,966	681	-	-
Yem Special	22,157	11,016	8,398	2,701	42	-	-
Segen Peoples'	149,308	74,168	44,308	21,674	8,474	684	-
Alaba Special	62,699	31,312	23,078	6,693	1,616	-	-
Dawro	77,247	52,605	19,847	4,671	124	-	-
Basketo Special	20,305	16,413	3,148	744	-	-	-
Konta Special	31,298	20,806	9,605	887	-	-	-
Silite	238,520	146,863	74,189	17,151	317	-	-
<b>Sidama</b>	<b>1,056,900</b>	<b>945,546</b>	<b>97,001</b>	<b>11,660</b>	<b>2,693</b>	-	-
<b>Gambela</b>	<b>56,253</b>	<b>40,666</b>	<b>5,944</b>	<b>5,098</b>	<b>4,505</b>	<b>40</b>	-
Angewak	8,057	6,425	1,024	454	154	-	-
Newer	21,044	11,044	2,429	3,566	3,977	28	-
Mejenger	22,952	20,157	2,057	629	109	-	-
Itang Special	4,200	3,041	434	449	265	11	-
<b>Hareri</b>	<b>55,734</b>	<b>22,757</b>	<b>26,265</b>	<b>5,830</b>	<b>882</b>	-	-
<b>Dire Dawa</b>	<b>44,450</b>	<b>7,452</b>	<b>18,562</b>	<b>10,459</b>	<b>6,731</b>	<b>1,057</b>	<b>189</b>

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

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>National</b>	<b>17,406,098</b>	<b>1,325,868</b>	<b>133,028</b>	<b>11,201</b>	<b>437</b>	<b>11,676,325</b>	<b>6,557,170</b>	<b>567,250</b>	<b>70475</b>	<b>5412</b>
<b>Tigray</b>	<b>1,477,561</b>	<b>1,975</b>	-	-	-	<b>824,615</b>	<b>618,442</b>	<b>36,016</b>	<b>463</b>	-
North West Tigray	503,107	-	-	-	-	306,712	187,587	8,808	-	-
Central Tigray	301,914	-	-	-	-	160,058	138,824	3,032	-	-
Eastern Tigray	200,264	859	-	-	-	96,285	99,756	4,819	263	-
Southern Tigray	135,171	138	-	-	-	92,664	37,388	5,057	200	-
Western Tigray	138,469	755	-	-	-	82,248	52,833	4,143	-	-
South Western Tigray	198,635	223	-	-	-	86,647	102,053	10,158	-	-
<b>Afar</b>	<b>339,304</b>	<b>98</b>	-	-	-	<b>173,504</b>	<b>132,039</b>	<b>28,355</b>	<b>5050</b>	<b>454</b>
Zone_1 (Awsiresu)	176,033	-	-	-	-	112,763	49,263	11,274	2733	-
Zone_2 (Kelbetiresu)	59,065	-	-	-	-	15,933	40,157	2,908	67	-
Zone_3 (Gebiresu)	51,314	-	-	-	-	25,606	15,944	8,013	1455	296
Zone_4 (Fentiresu)	25,959	98	-	-	-	12,037	11,260	2,711	-	49
Zone_5 (Hariresu)	26,933	-	-	-	-	7,166	15,415	3,448	795	109
<b>Amhara</b>	<b>4,893,750</b>	<b>325,101</b>	<b>25,630</b>	<b>382</b>	-	<b>2,695,263</b>	<b>2,358,345</b>	<b>179,752</b>	<b>11503</b>	-
North Gonder	267,230	22,631	1,616	-	-	167,907	113,473	8,462	1635	-
South Gonder	551,907	26,432	1,092	-	-	289,103	272,897	16,834	597	-
North Wello	341,456	28,530	471	-	-	150,718	212,341	7,398	-	-
South Wello	766,778	32,506	913	-	-	331,076	442,878	25,549	694	-
North Shewa	500,770	81,339	6,705	-	-	210,603	340,959	35982	1270	-
East Gojjam	595,350	51,583	3,988	-	-	373,641	246,944	26,597	3739	-
West Gojjam	743,949	20,847	1,442	-	-	473,778	269,156	21,884	1420	-
Waghimra	142,359	-	-	-	-	63,060	70,310	8,224	765	-
awi	228,727	46,223	7,885	382	-	224,795	54,622	3,800	-	-
Oromiya Special Zone	120,541	-	-	-	-	75,336	44,097	1108	-	-
Central Gonder	588,892	15,010	1,518	-	-	314,668	265,946	23,512	1294	-
West Gonder	45,790	-	-	-	-	20,579	24,722	400	89	-
<b>Oromiya</b>	<b>5,996,075</b>	<b>725,280</b>	<b>99,460</b>	<b>10,024</b>	<b>437</b>	<b>4,190,941</b>	<b>2,414,582</b>	<b>210,959</b>	<b>14510</b>	<b>284</b>
West Wollega	284,933	4,981	-	-	-	172,466	104,676	11,228	1544	-
East Wollega	226,205	2,414	-	-	-	144,274	74,919	9,107	319	-
Ilu Ababor	231,623	32,685	2,691	-	-	237,982	28,661	356	-	-
Jimma	628,807	46,213	4,231	-	-	515,649	161,545	2,057	-	-
West Shewa	422,257	117,119	32,151	-	-	392,837	165,569	13,121	-	-
North Shewa	273,837	45,731	5,919	-	-	134,914	168,494	21676	403	-
East Shewa	262,654	11,170	399	-	-	113,198	129,815	28,322	2888	-
Arsi	567,321	149,733	17,106	2,741	-	322,813	384,763	27,026	2299	-
West Hararghe	435,197	499	-	-	-	223,999	203,164	8,049	484	-
East Hararge	599,700	-	-	-	-	358,398	235,653	5,649	-	-
Bale	162,979	36,107	2,914	929	266	103,597	92,270	6,821	507	-
Borena	74,830	-	-	-	-	39,783	29,128	4,453	1182	284
South West Shewa	244,229	58,250	782	-	-	172,606	119,191	11,464	-	-
Guji	286,623	64,141	4,904	4,062	-	292,387	64,325	3,018	-	-
West Guji	230,906	17,714	2,748	-	-	223,366	24,126	3,876	-	-
<b>Oromiya Special Zon</b>	<b>189,370</b>	<b>24,816</b>	<b>1,005</b>	-	-	<b>105,160</b>	<b>90,699</b>	<b>18024</b>	<b>1308</b>	-
West Arsi	333,730	96,816	21,486	1,117	-	284,452	150,565	16,609	1523	-
Kelem Wollega	218,724	-	-	-	-	175,238	43,486	-	-	-
Horo Guduru Wollega	117,291	9,192	2,286	1,036	171	61,995	54,634	11,919	1428	-
Buno Bedele	87,736	7,501	838	139	-	77,181	17,838	942	253	-
East Bale	117,121	197	-	-	-	38,642	71,061	7,243	372	-

TABLE 3-27 – d CONT'D

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Somalie</b>	<b>641,236</b>	-	-	-	-	<b>236,608</b>	<b>275,159</b>	<b>91,004</b>	<b>34279</b>	<b>4186</b>
Siti	27,412	-	-	-	-	16,014	9,499	1,679	204	16
Fafan	56,269	-	-	-	-	15,189	36,066	4,910	104	-
Jerer	65,417	-	-	-	-	41,990	17,320	4,026	1953	128
Erer	56,704	-	-	-	-	34,921	11,319	6,985	3437	42
Korahe	35,255	-	-	-	-	13,590	12,185	5,245	3637	598
Shebele	66,640	-	-	-	-	12,733	39,836	11,840	2071	160
Dollo	55,424	-	-	-	-	47,749	4,427	1,511	988	749
Afder	77,086	-	-	-	-	10,937	39,718	18,107	7221	1103
Liben	168,288	-	-	-	-	31,752	95,401	31,309	9558	268
Nogob	16,854	-	-	-	-	3,485	3,844	3,567	4837	1121
Dawa	15,887	-	-	-	-	8,252	5,542	1,825	268	-
<b>Benishangul Gumuz</b>	<b>210,313</b>	-	-	-	-	<b>173,025</b>	<b>35,428</b>	<b>1,828</b>	<b>32</b>	<b>-</b>
Assosa	69,209	-	-	-	-	54,193	13,754	1,262	-	-
Metekel	83,125	-	-	-	-	65,349	17,776	-	-	-
Kemashi	50,727	-	-	-	-	47,539	2,743	445	-	-
Mao Ena Komo	7,252	-	-	-	-	5,944	1,155	121	32	-
<b>SNNP</b>	<b>2,662,763</b>	<b>247,250</b>	<b>5,860</b>	<b>796</b>	-	<b>2,259,346</b>	<b>636,794</b>	<b>15,840</b>	<b>4201</b>	<b>488</b>
Gurage	270,557	39,333	903	-	-	194,199	114,500	2,094	-	-
Hadiya	282,403	25,898	-	-	-	153,267	152,741	2,293	-	-
Kembata Tembaro	151,811	4,506	-	-	-	107,816	47,994	507	-	-
Gedeo	191,419	16,599	854	-	-	205,297	3,575	-	-	-
Welayta	343,227	-	-	-	-	295,254	47,123	850	-	-
South Omo	114,096	6,208	-	159	-	107,716	5,980	2,703	3576	488
Sheka	47,605	15,895	-	-	-	62,783	717	-	-	-
Kefa	179,155	51,831	2,263	637	-	228,001	5,885	-	-	-
Gamo Gofa	407,782	39,929	572	-	-	403,574	42,828	1,475	406	-
Bench Maji	112,898	8,380	214	-	-	119,397	2,095	-	-	-
Yem Special	21,859	298	-	-	-	16,531	5,525	67	34	-
Segen Peoples'	147,271	2,037	-	-	-	118,779	29,659	870	-	-
Alaba Special	61,776	923	-	-	-	23,385	36,370	2,759	185	-
Dawro	74,794	2,453	-	-	-	73,310	3,937	-	-	-
Basketo Special	20,105	200	-	-	-	19,270	1,035	-	-	-
Konta Special	29,817	1,481	-	-	-	30,441	857	-	-	-
Silite	206,187	31,279	1,054	-	-	100,324	135,972	2,224	-	-
<b>Sidama</b>	<b>1,029,397</b>	<b>25,425</b>	<b>2,078</b>	-	-	<b>999,712</b>	<b>57,188</b>	-	-	-
<b>Gambela</b>	<b>55,617</b>	<b>636</b>	-	-	-	<b>55,740</b>	<b>470</b>	<b>43</b>	-	-
Angewak	8,057	-	-	-	-	7,643	371	43	-	-
Newer	21,044	-	-	-	-	21,044	-	-	-	-
Mejenger	22,316	636	-	-	-	22,853	99	-	-	-
Itang Special	4,200	-	-	-	-	4,200	-	-	-	-
Hareri	<b>55,734</b>	-	-	-	-	<b>42,514</b>	<b>12,570</b>	<b>650</b>	-	-
<b>Dire Dawa</b>	<b>44,346</b>	<b>104</b>	-	-	-	<b>25,057</b>	<b>16,153</b>	<b>2,803</b>	<b>437</b>	-

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

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>National</b>	<b>18,510,948</b>	<b>365,556</b>	<b>128</b>	-	-	<b>18,328,759</b>	<b>190,445</b>	<b>69,670</b>	<b>88455</b>	<b>199303</b>
<b>Tigray</b>	<b>1,471,681</b>	<b>7,855</b>	-	-	-	<b>1,438,952</b>	<b>39,440</b>	<b>897</b>	<b>247</b>	-
North West Tigray	501,718	1,389	-	-	-	485,421	17,686	-	-	-
Central Tigray	300,098	1,816	-	-	-	291,005	10,909	-	-	-
Eastern Tigray	201,123	-	-	-	-	201,123	-	-	-	-
Southern Tigray	131,724	3,585	-	-	-	131,479	3,205	378	247	-
Western Tigray	138,740	484	-	-	-	132,621	6,603	-	-	-
South Western Tigray	198,277	581	-	-	-	197,303	1,037	518	-	-
<b>Afar</b>	<b>339,262</b>	<b>140</b>	-	-	-	<b>183,933</b>	<b>57,740</b>	<b>24,439</b>	<b>34055</b>	<b>39235</b>
Zone_1 (Awsiresu)	176,033	-	-	-	-	97,181	36,698	11,578	15584	14992
Zone_2 (Kelbetiresu)	59,065	-	-	-	-	32,681	9,291	6,888	7699	2506
Zone_3 (Gebiresu)	51,174	140	-	-	-	27,571	3,599	1,289	4298	14557
Zone_4 (Fentiresu)	26,057	-	-	-	-	13,177	5,387	2,811	2909	1773
Zone_5 (Hariresu)	26,933	-	-	-	-	13,324	2,765	1,872	3565	5407
<b>Amhara</b>	<b>5,051,566</b>	<b>193,297</b>	-	-	-	<b>5,207,290</b>	<b>35,708</b>	<b>1,865</b>	-	-
North Gonder	283,339	8,138	-	-	-	291,477	-	-	-	-
South Gonder	555,800	23,631	-	-	-	579,431	-	-	-	-
North Wello	354,131	16,326	-	-	-	358,768	10,811	878	-	-
South Wello	770,063	30,134	-	-	-	797,555	2,642	-	-	-
North Shewa	580,586	8,228	-	-	-	573,283	14,990	541	-	-
East Gojjam	626,305	24,616	-	-	-	650,921	-	-	-	-
West Gojjam	713,670	52,568	-	-	-	766,238	-	-	-	-
Waghimra	139,951	2,408	-	-	-	142,359	-	-	-	-
Awi	264,218	18,999	-	-	-	283,217	-	-	-	-
Oromiya Special Zone	120,541	-	-	-	-	113,269	6,826	446	-	-
Central Gonder	597,360	8,060	-	-	-	605,420	-	-	-	-
West Gonder	45,601	189	-	-	-	45,351	439	-	-	-
<b>Oromiya</b>	<b>6,718,046</b>	<b>113,230</b>	-	-	-	<b>6,765,137</b>	<b>28,594</b>	<b>17,182</b>	<b>12803</b>	<b>7560</b>
West Wollega	288,420	1,494	-	-	-	289,914	-	-	-	-
East Wollega	224,411	4,208	-	-	-	228,619	-	-	-	-
Ilu Ababor	262,080	4,919	-	-	-	266,999	-	-	-	-
Jimma	658,601	20,650	-	-	-	679,251	-	-	-	-
West Shewa	560,317	11,210	-	-	-	571,527	-	-	-	-
North Shewa	322,988	2,499	-	-	-	325,487	-	-	-	-
East Shewa	269,797	4,426	-	-	-	269,236	3,335	954	318	380
Arsi	701,626	35,275	-	-	-	735,877	1,024	-	-	-
West Hararghe	435,696	-	-	-	-	425,704	4,377	3,930	1685	-
East Hararge	599,700	-	-	-	-	596,086	2,559	-	-	1055
Bale	198,133	5,062	-	-	-	197,099	2,393	1,310	1861	532
Borena	74,733	97	-	-	-	55,835	6,596	5,731	4614	2054
South West Shewa	299,232	4,029	-	-	-	303,261	-	-	-	-
Guji	357,060	2,670	-	-	-	356,076	3,045	-	609	-
West Guji	249,414	1,954	-	-	-	251,368	-	-	-	-
<b>Oromiya Special Zon</b>	<b>213,290</b>	<b>1,901</b>	-	-	-	<b>215,191</b>	-	-	-	-
West Arsi	450,349	2,800	-	-	-	453,149	-	-	-	-
Kelem Wollega	216,202	2,522	-	-	-	218,724	-	-	-	-
Horo Guduru Wollega	127,502	2,474	-	-	-	129,976	-	-	-	-
Buno Bedele	94,821	1,393	-	-	-	96,214	-	-	-	-
East Bale	113,671	3,647	-	-	-	99,539	5,266	5,258	3716	3539

TABLE 3-27 – e CONT'D

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Somalie</b>	<b>640,919</b>	<b>317</b>	-	-	-	<b>398,115</b>	<b>25,699</b>	<b>24,480</b>	<b>40493</b>	<b>152449</b>
Siti	27,412	-	-	-	-	24,288	1,232	1,064	542	286
Fafan	56,269	-	-	-	-	37,146	6,540	3,284	4286	5013
Jerer	65,417	-	-	-	-	24,793	1,348	2,113	3564	33599
Erer	56,541	163	-	-	-	30,653	289	1,191	1907	22664
Korahe	35,240	15	-	-	-	21,184	947	813	793	11518
Shebele	66,640	-	-	-	-	50,463	792	1,984	2953	10448
Dollo	55,424	-	-	-	-	39,547	717	691	1249	13220
Afder	77,004	82	-	-	-	39,703	3,704	2,807	6551	24321
Liben	168,288	-	-	-	-	123,819	8,931	9,352	15753	10433
Nogob	16,854	-	-	-	-	1,443	89	100	367	14855
Dawa	15,830	57	-	-	-	5,076	1,109	1,082	2528	6092
<b>Benishangul Gumuz</b>	<b>207,217</b>	<b>3,096</b>	-	-	-	<b>210,313</b>	-	-	-	-
Assosa	69,209	-	-	-	-	69,209	-	-	-	-
Metekel	80,065	3,060	-	-	-	83,125	-	-	-	-
Kemashi	50,727	-	-	-	-	50,727	-	-	-	-
Mao Ena Komo	7,215	37	-	-	-	7,252	-	-	-	-
<b>SNNP</b>	<b>2,873,701</b>	<b>42,968</b>	-	-	-	<b>2,916,669</b>	-	-	-	-
Gurage	306,851	3,942	-	-	-	310,793	-	-	-	-
Hadiya	305,467	2,834	-	-	-	308,301	-	-	-	-
Kembata Tembaro	156,317	-	-	-	-	156,317	-	-	-	-
Gedeo	206,008	2,864	-	-	-	208,872	-	-	-	-
Welayta	340,893	2,334	-	-	-	343,227	-	-	-	-
South Omo	118,417	2,046	-	-	-	120,463	-	-	-	-
Sheka	61,903	1,597	-	-	-	63,500	-	-	-	-
Kefa	225,041	8,845	-	-	-	233,886	-	-	-	-
Gamo Gofa	439,651	8,632	-	-	-	448,283	-	-	-	-
Bench Maji	119,473	2,019	-	-	-	121,492	-	-	-	-
Yem Special	22,025	132	-	-	-	22,157	-	-	-	-
Segen Peoples'	147,423	1,885	-	-	-	149,308	-	-	-	-
Alaba Special	62,699	-	-	-	-	62,699	-	-	-	-
Dawro	74,783	2,464	-	-	-	77,247	-	-	-	-
Basketo Special	19,873	432	-	-	-	20,305	-	-	-	-
Konta Special	30,486	812	-	-	-	31,298	-	-	-	-
Silite	236,392	2,128	-	-	-	238,520	-	-	-	-
<b>Sidama</b>	<b>1,052,654</b>	<b>4,246</b>	-	-	-	<b>1,056,900</b>	-	-	-	-
<b>Gambela</b>	<b>55,718</b>	<b>407</b>	<b>128</b>	-	-	<b>56,253</b>	-	-	-	-
Angewak	8,035	22	-	-	-	8,057	-	-	-	-
Newer	21,044	-	-	-	-	21,044	-	-	-	-
Mejenger	22,439	385	128	-	-	22,952	-	-	-	-
Itang Special	4,200	-	-	-	-	4,200	-	-	-	-
<b>Hareri</b>	<b>55,734</b>	-	-	-	-	<b>55,257</b>	<b>192</b>	-	<b>285</b>	-
<b>Dire Dawa</b>	<b>44,450</b>	-	-	-	-	<b>39,939</b>	<b>3,071</b>	<b>808</b>	<b>572</b>	<b>60</b>

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>National</b>	<b>8,811,746</b>	<b>8,382,398</b>	<b>1,670,429</b>	<b>9,700</b>	<b>2,359</b>	-
<b>Tigray</b>	<b>157,616</b>	<b>1,124,163</b>	<b>195,745</b>	<b>1,671</b>	<b>341</b>	-
North West Tigray	57,903	357,069	86,904	1,231	-	-
Central Tigray	26,035	239,579	36,300	-	-	-
Eastern Tigray	20,354	162,423	18,005	-	341	-
Southern Tigray	15,258	110,600	9,451	-	-	-
Western Tigray	17,183	90,801	30,800	440	-	-
South Western Tigray	20,882	163,691	14,285	-	-	-
<b>Afar</b>	<b>326,477</b>	<b>10,108</b>	<b>2,760</b>	<b>57</b>	-	-
Zone_1 (Awsiresu)	175,290	381	362	-	-	-
Zone_2 (Kelbetiresu)	56,649	2,233	183	-	-	-
Zone_3 (Gebiresu)	43,863	5,529	1,865	57	-	-
Zone_4 (Fentiresu)	26,057	-	-	-	-	-
Zone_5 (Hariresu)	24,617	1,966	350	-	-	-
<b>Amhara</b>	<b>1,964,840</b>	<b>2,675,558</b>	<b>601,314</b>	<b>3,008</b>	<b>143</b>	-
North Gonder	79,833	168,761	42,883	-	-	-
South Gonder	204,022	317,997	57,412	-	-	-
North Wello	109,270	238,842	22,345	-	-	-
South Wello	322,212	437,809	40,176	-	-	-
North Shewa	180,623	363,160	45,031	-	-	-
East Gojjam	398,190	207,835	44,896	-	-	-
West Gojjam	257,699	370,407	137,170	962	-	-
Waghimra	54,642	80,711	7,006	-	-	-
awi	91,925	133,635	57,198	459	-	-
Oromiya Special Zone	62,167	51,343	6,776	112	143	-
Central Gonder	189,722	288,675	125,600	1,423	-	-
West Gonder	14,534	16,383	14,821	52	-	-
<b>Oromiya</b>	<b>3,468,321</b>	<b>2,782,300</b>	<b>577,031</b>	<b>2,249</b>	<b>1,375</b>	-
West Wollega	105,139	135,992	48,783	-	-	-
East Wollega	104,636	97,667	26,316	-	-	-
Ilu Ababor	100,071	149,540	17,388	-	-	-
Jimma	299,598	310,351	69,302	-	-	-
West Shewa	307,286	228,211	35,400	630	-	-
North Shewa	175,962	133,544	15,981	-	-	-
East Shewa	145,869	98,674	29,340	340	-	-
Arsi	409,319	273,752	53,830	-	-	-
West Hararghe	222,456	164,125	49,115	-	-	-
East Hararge	215,887	315,443	68,370	-	-	-
Bale	135,067	52,822	15,028	278	-	-
Borena	49,027	21,039	4,764	-	-	-
South West Shewa	142,759	145,161	15,341	-	-	-
Guji	164,771	148,710	45,756	493	-	-
West Guji	173,737	68,551	9,080	-	-	-
Oromiya Special Zon	102,005	97,535	13,768	508	1,375	-
West Arsi	299,726	131,375	22,048	-	-	-
Kelem Wollega	118,192	87,288	13,244	-	-	-
Horo Guduru Wollega	59,467	54,407	16,102	-	-	-
Buno Bedele	43,818	47,594	4,802	-	-	-
East Bale	93,528	20,517	3,273	-	-	-

TABLE 3-27 – f CONT'D

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>Somalie</b>	<b>604,053</b>	<b>26,408</b>	<b>10,283</b>	<b>492</b>	-	-
Siti	25,552	1,474	321	65	-	-
Fafan	53,392	2,098	779	-	-	-
Jerer	65,417	-	-	-	-	-
Erer	56,704	-	-	-	-	-
Korahe	35,174	-	-	81	-	-
Shebele	61,295	1,612	3,387	346	-	-
Dollo	55,424	-	-	-	-	-
Afder	73,661	2,428	997	-	-	-
Liben	146,838	17,343	4,107	-	-	-
Nogob	16,854	-	-	-	-	-
Dawa	13,742	1,453	692	-	-	-
<b>Benishangul Gumuz</b>	<b>89,507</b>	<b>71,773</b>	<b>48,321</b>	<b>712</b>	-	-
Assosa	23,462	26,191	19,386	170	-	-
Metekel	39,570	25,193	18,362	-	-	-
Kemashi	23,971	17,111	9,118	527	-	-
Mao Ena Komo	2,502	3,279	1,455	16	-	-
<b>SNNP</b>	<b>1,463,324</b>	<b>1,282,174</b>	<b>169,602</b>	<b>1,144</b>	<b>425</b>	-
Gurage	142,907	163,109	4,777	-	-	-
Hadiya	138,377	146,958	22,541	-	425	-
Kembata Tembaro	77,016	74,445	4,856	-	-	-
Gedeo	154,659	53,799	414	-	-	-
Welayta	188,077	136,235	18,915	-	-	-
South Omo	67,294	37,158	15,618	393	-	-
Sheka	26,453	31,260	5,787	-	-	-
Kefa	90,304	126,694	16,888	-	-	-
Gamo Gofa	250,415	177,410	19,966	492	-	-
Bench Maji	62,471	50,528	8,493	-	-	-
Yem Special	9,282	12,281	594	-	-	-
Segen Peoples'	69,788	61,708	17,554	258	-	-
Alaba Special	25,830	29,639	7,230	-	-	-
Dawro	36,842	35,245	5,160	-	-	-
Basketo Special	9,953	8,831	1,521	-	-	-
Konta Special	11,891	17,128	2,279	-	-	-
Silite	101,769	119,744	17,007	-	-	-
<b>Sidama</b>	<b>655,569</b>	<b>353,545</b>	<b>47,786</b>	-	-	-
<b>Gambela</b>	<b>31,112</b>	<b>13,563</b>	<b>11,136</b>	<b>367</b>	<b>75</b>	-
Angewak	4,221	1,381	2,308	147	-	-
Newer	10,694	4,233	5,884	170	63	-
Mejenger	14,201	7,195	1,556	-	-	-
Itang Special	1,998	754	1,387	49	12	-
<b>Hareri</b>	<b>34,383</b>	<b>16,872</b>	<b>4,479</b>	-	-	-
<b>Dire Dawa</b>	<b>16,545</b>	<b>25,934</b>	<b>1,971</b>	-	-	-

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
<b>National</b>	<b>100</b>	<b>54.54</b>	<b>31.13</b>	<b>0.57</b>	<b>7.35</b>	<b>2.03</b>	<b>4.37</b>
<b>Tigray</b>	<b>100</b>	<b>34.95</b>	<b>41.46</b>	<b>1.17</b>	<b>15.52</b>	<b>2.61</b>	<b>4.28</b>
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
South Western Tigray	100	29.4	47.04	0.57	17.14	3.36	2.48
<b>Afar</b>	<b>100</b>	<b>94.7</b>	<b>2.06</b>	<b>0.03</b>	<b>1.23</b>	<b>1.51</b>	<b>0.46</b>
Zone_1 (Awsiresu)	100	94.61	1.7	0.06	0.94	2.39	0.31
Zone_2 (Kelbetiresu)	100	98.22	0.96	-	0.22	0.27	0.33
Zone_3 (Gebiresu)	100	88.44	5.71	-	4.11	0.54	1.21
Zone_4 (Fentiresu)	100	97.7	0.01	-	0.41	1.86	0.02
Zone_5 (Hariresu)	100	96.93	1.66	0.06	0.53	0.15	0.65
<b>Amhara</b>	<b>100</b>	<b>35.08</b>	<b>43.9</b>	<b>0.23</b>	<b>14.19</b>	<b>1.44</b>	<b>5.15</b>
North Gonder	100	32.1	48.75	0.45	16.46	0.37	1.87
South Gonder	100	29.29	52.51	0.41	15.11	1.14	1.56
North Wello	100	33.15	47.53	0.42	16.8	0.53	1.57
South Wello	100	30.88	44.22	0.29	19.3	1.02	4.3
North Shewa	100	28.6	49.66	0.33	14.45	2.43	4.54
East Gojjam	100	38.29	46.31	0.07	5.21	1.63	8.49
West Gojjam	100	42.54	34.77	0.07	8.73	2.49	11.4
Waghimra	100	34.53	48.64	0.14	12.93	0.43	3.34
Awj	100	49.32	31.47	0.06	11.42	0.61	7.12
Oromiya Special Zone	100	51.1	26.45	0.26	16.38	1.13	4.69
Central Gonder	100	31.62	42.92	0.1	20.99	1.56	2.81
West Gonder	100	57.7	23	-	16.82	1.72	0.76
<b>Oromiya</b>	<b>100</b>	<b>62.56</b>	<b>26.77</b>	<b>0.68</b>	<b>3.59</b>	<b>2.09</b>	<b>4.32</b>
West Wollega	100	85.06	14.23	-	0.07	-	0.64
East Wollega	100	81.88	15.49	0.07	0.8	0.2	1.56
Ilu Ababor	100	84.59	8.72	0.36	0.9	1.3	4.13
Jimma	100	83.03	13.32	0.39	0.69	0.64	1.93
West Shewa	100	68.72	22.21	0.3	3.24	0.94	4.59
North Shewa	100	40.44	32.39	1.05	20.88	1.99	3.25
East Shewa	100	44.66	41.79	0.56	3.41	5.27	4.31
Arsi	100	55.68	35.35	0.44	2.94	1.65	3.94
West Hararghe	100	33.42	40.67	1.74	6.65	2.81	14.71
East Hararge	100	34.32	48.62	1.59	4.19	4.2	7.08
Bale	100	72.89	22.39	0.28	1.63	1.42	1.4
Borena	100	87.7	7.86	0.89	2.13	0.85	0.57
South West Shewa	100	61.22	30.69	0.37	2.87	1.88	2.96
Guji	100	71.02	20.2	1.55	2.31	2.19	2.73
West Guji	100	59.41	25.65	0.1	0.71	3.23	10.89
Oromiya Special Zon	100	47.61	30.14	1.21	9.44	6.08	5.53
West Arsi	100	66.51	26.48	0.27	1.93	2.61	2.2
Kelem Wollega	100	83.83	12.6	0.3	1.29	1.34	0.63
Horo Guduru Wollega	100	79.08	12.84	0.41	1.54	1.06	5.06
Buno Bedele	100	84.58	9.94	0.23	1.11	0.9	3.24
East Bale	100	75.39	19.69	0.84	0.47	2.99	0.63

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somalie</b>	<b>100</b>	<b>91.8</b>	<b>4.84</b>	<b>0.27</b>	<b>2.04</b>	<b>0.33</b>	<b>0.73</b>
Siti	100	92.79	4.01	0.12	1.8	0.42	0.86
Fafan	100	73.54	23.13	0.29	1.7	0.36	0.98
Jerer	100	97.56	1.73	-	0.46	0.1	0.16
Erer	100	99.07	0.81	-	-	0.13	-
Korahe	100	99.2	0.36	0.26	-	-	0.18
Shebele	100	88.69	1.96	1.44	7.1	0.53	0.27
Dollo	100	93.63	3.08	-	2.9	0.09	0.3
Afder	100	96.92	1.71	-	0.91	0.02	0.43
Liben	100	90.43	4.85	0.33	2.17	0.67	1.55
Nogob	100	99.62	0.19	-	0.19	-	-
Dawa	100	91.13	4.3	-	3.01	0.26	1.31
<b>Benishangul Gumuz</b>	<b>100</b>	<b>82.44</b>	<b>11.35</b>	<b>0.26</b>	<b>3.01</b>	<b>0.68</b>	<b>2.25</b>
Assosa	100	87.23	6.32	0.11	1.44	1.44	3.46
Metekel	100	76.4	18.31	0.13	4.09	0.28	0.79
Kemashi	100	89.5	2.9	0.77	2.83	0.07	3.92
Mao Ena Komo	100	81	9.84	0.88	3.79	2.79	1.71
<b>SNNP</b>	<b>100</b>	<b>63.74</b>	<b>24.13</b>	<b>0.86</b>	<b>4.31</b>	<b>2.5</b>	<b>4.46</b>
Gurage	100	56.61	26.66	0.74	9.72	1.66	4.6
Hadiya	100	56.25	29.98	0.58	5.46	2.25	5.48
Kembata Tembaro	100	45.49	24.02	3.27	4.81	8.57	13.84
Gedeo	100	55.13	27.71	0.33	2.08	6.12	8.62
Welaita	100	69.9	18.36	1.41	4.05	3.43	2.84
South Omo	100	76.22	18.15	0.35	1.14	2.62	1.51
Sheka	100	99.19	0.23	0.04	-	0.12	0.42
Kefa	100	90.05	8.76	-	0.09	0.23	0.87
Gamo Gofa	100	65.23	26.91	0.25	2.91	1.42	3.28
Bench Maji	100	86.36	7.1	0.11	-	1.48	4.95
Yem Special	100	72.29	18.22	0.01	6.46	0.23	2.8
Segen Peoples'	100	49.5	36.44	1.5	4.63	2.31	5.62
Alaba Special	100	44.77	40.88	1.51	9.33	2.05	1.46
Dawro	100	64.65	18.45	2.59	7.22	2.05	5.05
Basketo Special	100	69.43	25.78	0.08	0.81	0.04	3.86
Konta Special	100	67.8	13.92	2.06	3.82	10.11	2.29
Silite	100	50.04	36.91	0.9	5.79	1.6	4.77
<b>Sidama</b>	<b>100</b>	<b>60.17</b>	<b>30.26</b>	<b>0.39</b>	<b>1.43</b>	<b>3.38</b>	<b>4.36</b>
<b>Gambela</b>	<b>100</b>	<b>89.3</b>	<b>1.79</b>	<b>0.01</b>	<b>0.28</b>	<b>2.99</b>	<b>5.63</b>
Angewak	100	86.9	5.66	0.07	1.48	0.28	5.6
Newer	100	96.29	0.06	-	0.21	0.09	3.35
Mejenger	100	80.29	3.15	-	0.17	7.46	8.92
Itang Special	100	96.85	1.19	-	-	0.05	1.92
<b>Hareri</b>	<b>100</b>	<b>24.99</b>	<b>54.39</b>	<b>2.54</b>	<b>0.8</b>	<b>8.07</b>	<b>9.21</b>
<b>Dire Dawa</b>	<b>100</b>	<b>65.37</b>	<b>20.91</b>	<b>0.6</b>	<b>1.57</b>	<b>9.51</b>	<b>2.04</b>

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

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>National</b>	<b>15,531,354</b>	<b>13,776,854</b>	<b>653,532</b>	<b>5,761,015</b>	<b>2,082,169</b>	<b>4,335,186</b>
<b>Tigray</b>	<b>1,077,039</b>	<b>1,115,010</b>	<b>89,369</b>	<b>921,884</b>	<b>209,480</b>	<b>248,979</b>
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
South Western Tigray	137,213	139,936	3,592	122,950	26,202	18,023
<b>Afar</b>	<b>321,730</b>	<b>26,276</b>	<b>423</b>	<b>15,182</b>	<b>22,036</b>	<b>5,292</b>
Zone_1 (Awsiresu)	164,243	11,752	381	7,171	17,316	1,698
Zone_2 (Kelbetiresu)	55,730	2,492	*	961	821	810
Zone_3 (Gebiresu)	49,959	10,200	*	6,249	1,358	2,355
Zone_4 (Fentiresu)	25,589	20	*	233	2,249	46
Zone_5 (Hariresu)	*	*	*	*	*	*
<b>Amhara</b>	<b>4,359,934</b>	<b>4,408,440</b>	<b>95,039</b>	<b>2,867,877</b>	<b>521,781</b>	<b>1,528,983</b>
North Gonder	248,952	249,398	15,156	192,266	12,818	30,548
South Gonder	496,799	524,118	12,157	339,109	83,118	68,362
North Wello	320,953	321,258	6,508	211,202	11,016	14,245
South Wello	672,678	677,789	16,801	533,974	32,436	82,251
North Shewa	476,878	505,048	17,124	365,366	87,118	220,769
East Gojjam	540,545	538,604	9,108	175,899	81,461	369,363
West Gojjam	636,059	622,245	10,165	332,079	118,752	474,225
Waghimra	115,166	122,449	1,202	85,223	2,310	22,327
awi	245,007	227,044	872	131,678	12,567	140,851
Oromiya Special Zone	92,129	80,096	829	64,374	6,613	9,836
Central Gonder	477,390	505,789	5,039	406,762	64,423	94,291
West Gonder	37,377	34,600	80	29,945	9,149	1,916
<b>Oromiya</b>	<b>5,615,507</b>	<b>5,054,682</b>	<b>247,949</b>	<b>1,156,081</b>	<b>791,271</b>	<b>1,600,791</b>
West Wollega	249,188	181,975	*	1,705	*	12,817
East Wollega	196,998	155,226	984	12,367	4,013	26,599
Ilu Ababor	207,291	116,132	8,135	10,514	10,154	50,842
Jimma	614,313	498,913	18,358	37,559	33,128	111,374
West Shewa	494,585	421,762	13,525	110,291	30,838	223,225
North Shewa	287,134	282,515	26,476	254,528	60,442	102,439
East Shewa	213,010	223,945	7,675	38,791	68,196	57,224
Arsi	610,423	638,431	22,276	116,125	70,256	160,413
West Hararghe	332,872	368,501	21,330	125,365	82,592	242,870
East Hararge	415,754	542,115	49,996	118,918	114,608	277,181
Bale	177,673	154,612	5,730	23,831	19,688	17,438
Borena	70,214	21,410	3,432	6,801	4,096	1,287
South West Shewa	266,684	244,097	12,925	60,773	37,325	62,770
Guji	294,896	242,417	19,980	39,077	35,584	33,222
West Guji	136,541	99,564	546	6,804	16,351	57,529
Oromiya Special Zon	184,708	167,432	16,116	100,222	81,633	76,483
West Arsi	392,853	344,612	7,471	49,026	66,497	33,341
Kelem Wollega	174,769	132,389	1,790	16,923	18,497	3,190
Horo Guduru Wollega	113,900	83,029	4,142	14,258	12,277	28,037
Buno Bedele	88,522	62,987	2,147	8,256	6,606	16,097
East Bale	93,177	72,617	4,916	3,949	18,493	6,412

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somalie</b>	<b>561,629</b>	<b>101,229</b>	<b>14,271</b>	<b>58,318</b>	<b>18,672</b>	<b>32,249</b>
Siti	25,445	3,749	60	1,361	265	518
Fafan	54,504	42,641	658	3,414	546	2,935
Jerer	63,184	5,671	*	1,414	128	100
Erer	34,127	279	*	*	43	*
Korahe	26,835	5,755	5,733	5,679	5,651	5,608
Shebele	54,917	6,322	4,740	17,614	2,380	2,596
Dollo	48,738	1,918	398	2,922	442	494
Afder	71,577	4,205	*	3,193	125	2,100
Liben	152,426	28,294	2,682	20,725	8,918	16,939
Nogob	15,982	31	*	31	*	*
Dawa	13,895	2,366	*	1,966	173	959
<b>Benishangul Gumuz</b>	<b>145,889</b>	<b>82,106</b>	<b>2,717</b>	<b>31,092</b>	<b>6,169</b>	<b>11,833</b>
Assosa	46,180	13,039	704	5,212	3,764	6,121
Metekel	67,953	61,651	1,050	20,211	1,576	1,396
Kemashi	27,409	4,905	503	4,523	190	3,920
Mao Ena Komo	4,348	2,512	461	1,146	638	395
<b>SNNP</b>	<b>2,531,756</b>	<b>2,137,623</b>	<b>176,516</b>	<b>632,598</b>	<b>354,324</b>	<b>719,298</b>
Gurage	284,693	256,143	17,127	142,958	37,750	95,525
Hadiya	291,606	285,787	12,331	98,729	38,600	105,202
Kembata Tembaro	141,840	132,475	37,848	38,870	59,636	91,512
Gedeo	104,549	82,975	2,007	11,254	22,540	34,558
Welayta	314,527	270,033	38,773	100,985	71,936	91,968
South Omo	96,704	62,674	4,473	7,315	6,091	5,816
Sheka	51,939	1,208	403	*	1,208	2,553
Kefa	216,359	101,128	317	982	2,510	18,113
Gamo Gofa	398,381	390,663	5,010	45,225	34,151	94,379
Bench Maji	98,015	40,153	110	*	5,775	23,222
Yem Special	20,089	18,302	39	8,794	596	8,814
Segen Peoples'	115,309	122,637	14,013	32,126	15,596	41,738
Alaba Special	55,161	54,080	6,837	25,328	4,805	7,361
Dawro	71,679	68,769	16,773	43,824	15,794	28,380
Basketo Special	16,948	16,079	233	774	96	2,948
Konta Special	29,377	23,906	5,322	9,634	11,220	7,178
Silite	224,582	210,611	14,899	65,801	26,020	60,032
<b>Sidama</b>	<b>824,406</b>	<b>774,740</b>	<b>17,322</b>	<b>72,044</b>	<b>124,726</b>	<b>157,372</b>
<b>Gambela</b>	<b>27,628</b>	<b>2,222</b>	<b>216</b>	<b>612</b>	<b>1,941</b>	<b>3,010</b>
Angewak	2,380	1,136	139	407	156	539
Newer	13,366	130	77	28	162	676
Mejenger	10,151	841	*	176	1,615	1,754
Itang Special	1,731	115	*	*	9	42
<b>Hareri</b>	<b>26,910</b>	<b>42,591</b>	<b>8,234</b>	<b>2,451</b>	<b>14,815</b>	<b>23,579</b>
<b>Dire Dawa</b>	<b>38,926</b>	<b>31,936</b>	<b>1,477</b>	<b>2,876</b>	<b>16,954</b>	<b>3,801</b>

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

**1. Green Fodder**

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>National</b>	<b>7,736,395</b>	<b>405,892</b>	<b>3,455,154</b>	<b>3,770,161</b>	<b>163,753</b>
<b>Tigray</b>	<b>269,811</b>	<b>8,256</b>	<b>382,750</b>	<b>405,209</b>	<b>11,014</b>
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
South Western Tigray	20,006	-	44,435	72,467	305
<b>Afar</b>	<b>9,077</b>	<b>381</b>	<b>305,709</b>	<b>6,518</b>	<b>46</b>
Zone_1 (Awsiresu)	6,986	381	152,045	4,831	-
Zone_2 (Kelbetiresu)	1,340	-	53,425	965	-
Zone_3 (Gebiresu)	367	-	48,976	571	46
Zone_4 (Fentiresu)	281	-	25,308	-	-
Zone_5 (Hariresu)	*	*	*	*	*
<b>Amhara</b>	<b>1,592,769</b>	<b>124,954</b>	<b>1,053,485</b>	<b>1,562,077</b>	<b>26,648</b>
North Gonder	77,129	1,704	100,197	69,391	531
South Gonder	130,474	14,549	105,897	244,153	1,727
North Wello	213,206	6,871	36,090	64,486	300
South Wello	354,218	23,398	108,213	185,373	1,476
North Shewa	322,327	32,142	41,042	75,825	5,542
East Gojjam	69,366	4,806	202,225	263,522	626
West Gojjam	146,171	14,217	181,917	284,986	8,767
Waghimra	32,713	888	49,522	31,501	543
awi	78,222	6,342	38,230	119,348	2,864
Oromiya Special Zone	48,368	5,062	18,291	20,207	201
Central Gonder	117,119	13,783	154,222	188,195	4,072
West Gonder	3,455	1,191	17,638	15,092	-
<b>Oromiya</b>	<b>3,313,010</b>	<b>201,701</b>	<b>778,042</b>	<b>1,239,401</b>	<b>83,354</b>
West Wollega	140,858	-	22,594	80,879	4,858
East Wollega	99,110	8,555	21,424	63,901	4,008
Ilu Ababor	109,424	2,536	44,292	48,537	2,502
Jimma	394,177	14,002	88,967	100,780	16,388
West Shewa	315,627	39,301	11,583	110,765	17,309
North Shewa	176,384	25,514	16,198	63,938	5,099
East Shewa	123,777	4,514	26,667	54,739	3,314
Arsi	390,898	43,783	55,475	119,319	948
West Hararghe	230,079	2,596	40,684	56,082	3,431
East Hararge	302,882	4,190	56,833	50,354	1,494
Bale	83,268	3,072	24,033	65,551	1,749
Borena	13,367	-	48,017	8,829	-
South West Shewa	158,985	9,055	20,190	70,996	7,459
Guji	184,210	1,904	63,610	45,172	-
West Guji	32,546	3,150	72,156	28,689	-
Oromiya Special Zon	106,694	32,358	1,867	35,901	7,887
West Arsi	299,065	1,493	14,651	75,043	2,602
Kelem Wollega	19,894	-	96,491	58,385	-
Horo Guduru Wollega	46,564	1,959	16,878	47,836	663
Buno Bedele	53,648	2,143	12,870	17,791	2,069
East Bale	31,553	1,577	22,562	35,913	1,573

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somalie</b>	<b>24,987</b>	<b>125</b>	<b>502,998</b>	<b>33,153</b>	<b>367</b>
Siti	2,239	60	21,536	1,611	-
Fafan	5,994	-	46,728	1,782	-
Jerer	-	-	62,723	461	-
Erer	1,680	-	29,316	3,132	-
Korahe	438	-	26,245	-	152
Shebele	3,124	-	44,298	7,496	-
Dollo	3,636	-	45,101	-	-
Afder	1,139	-	68,607	1,831	-
Liben	4,880	-	130,705	16,841	-
Nogob	1,633	-	14,349	-	-
Dawa	226	65	13,389	-	215
<b>Benishangul Gumuz</b>	<b>6,252</b>	<b>-</b>	<b>112,276</b>	<b>27,158</b>	<b>203</b>
Assosa	1,611	-	33,853	10,513	203
Metekel	1,369	-	55,961	10,623	-
Kemashi	2,950	-	19,362	5,097	-
Mao Ena Komo	323	-	3,100	925	-
<b>SNNP</b>	<b>1,763,389</b>	<b>54,468</b>	<b>236,501</b>	<b>436,571</b>	<b>40,827</b>
Gurage	200,516	5,841	23,341	53,740	1,255
Hadiya	234,581	1,791	12,740	42,067	427
Kembata Tembaro	103,100	5,219	6,598	26,714	209
Gedeo	74,253	1,102	5,424	23,481	290
Welayta	225,102	12,936	9,302	62,753	4,434
South Omo	31,961	2,027	47,568	14,973	175
Sheka	43,293	-	-	2,145	6,501
Kefa	187,185	3,675	12,836	3,782	8,882
Gamo Gofa	186,629	18,847	74,916	105,806	12,184
Bench Maji	55,665	-	15,355	23,535	3,460
Yem Special	15,501	317	320	3,801	149
Segen Peoples'	62,034	1,118	20,335	29,519	2,302
Alaba Special	50,334	234	584	3,909	100
Dawro	59,894	1,296	2,825	7,576	89
Basketo Special	10,061	-	1,322	5,533	31
Konta Special	26,025	64	247	3,040	-
Silite	197,255	-	2,790	24,195	341
<b>Sidama</b>	<b>725,871</b>	<b>15,543</b>	<b>38,475</b>	<b>44,516</b>	<b>-</b>
<b>Gambela</b>	<b>7,158</b>	<b>55</b>	<b>15,733</b>	<b>3,607</b>	<b>1,075</b>
Angewak	401	-	1,679	177	122
Newer	-	-	10,480	2,887	-
Mejenger	6,737	55	2,164	254	941
Itang Special	19	-	1,411	289	12
<b>Hareri</b>	<b>20,822</b>	<b>305</b>	<b>4,276</b>	<b>1,288</b>	<b>218</b>
<b>Dire Dawa</b>	<b>3,248</b>	<b>104</b>	<b>24,910</b>	<b>10,663</b>	<b>-</b>

## 2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>National</b>	<b>12,477,400</b>	<b>225,706</b>	<b>104,620</b>	<b>895,475</b>	<b>73,653</b>
<b>Tigray</b>	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
South Western Tigray	101,878	1,819	345	35,590	305
<b>Afar</b>	<b>18,053</b>	<b>2,288</b>	<b>4,298</b>	<b>1,524</b>	<b>113</b>
Zone_1 (Awsiresu)	7,737	1,366	2,267	381	-
Zone_2 (Kelbetiresu)	2,043	114	336	-	-
Zone_3 (Gebiresu)	6,759	789	1,547	993	113
Zone_4 (Fentiresu)	-	20	-	-	-
Zone_5 (Hariresu)	1,514	-	148	150	-
<b>Amhara</b>	<b>3,904,151</b>	<b>76,831</b>	<b>22,978</b>	<b>377,142</b>	<b>27,337</b>
North Gonder	200,761	7,196	2,071	38,978	392
South Gonder	448,857	5,695	728	64,446	4,393
North Wello	278,548	3,975	-	38,346	389
South Wello	606,827	9,965	1,336	57,931	1,729
North Shewa	447,087	5,349	2,969	44,326	5,317
East Gojjam	507,445	4,006	1,838	24,784	532
West Gojjam	564,606	13,828	2,846	31,472	9,492
Waghimra	99,349	1,929	1,374	19,460	337
awi	199,392	10,120	480	14,120	2,932
Oromiya Special Zone	75,395	1,147	322	2,682	551
Central Gonder	445,290	13,456	8,638	37,304	1,101
West Gonder	30,593	164	376	3,295	171
<b>Oromiya</b>	<b>4,718,135</b>	<b>59,163</b>	<b>30,971</b>	<b>222,208</b>	<b>24,204</b>
West Wollega	174,085	-	-	6,185	1,705
East Wollega	134,351	1,022	641	18,299	914
Ilu Ababor	109,338	715	371	5,707	-
Jimma	475,875	1,733	4,636	14,388	2,281
West Shewa	401,951	1,950	2,048	10,361	5,453
North Shewa	249,308	7,320	5,071	19,512	1,304
East Shewa	207,761	5,064	657	10,023	441
Arusi	616,359	3,262	584	18,226	-
West Hararghe	348,370	1,855	1,882	13,510	2,884
East Hararge	502,054	4,961	2,659	31,694	747
Bale	140,281	2,345	987	9,767	1,232
Borena	17,567	1,787	548	1,507	-
South West Shewa	232,501	3,083	-	7,113	1,399
Guji	238,819	2,568	-	647	383
West Guji	94,861	2,074	-	2,629	-
Oromiya Special Zon	138,104	15,605	668	10,252	2,803
West Arsi	309,918	2,570	2,032	29,029	1,063
Kelem Wollega	127,214	-	3,580	-	1,595
Horo Guduru Wollega	80,504	47	1,029	1,449	-
Buno Bedele	52,377	215	1,042	9,353	-
East Bale	66,536	987	2,535	2,560	-

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somalie</b>	<b>46,880</b>	<b>16,165</b>	<b>17,707</b>	<b>18,845</b>	<b>1,632</b>
Siti	3,309	-	-	440	-
Fafan	30,331	5,009	7,034	267	-
Jerer	680	4,881	110	-	-
Erer	-	-	279	-	-
Korahe	140	-	5,615	-	-
Shebele	3,931	597	1,794	-	-
Dollo	746	-	1,172	-	-
Afder	582	1,391	216	2,016	-
Liben	6,724	2,593	1,340	16,122	1,515
Nogob	-	-	31	-	-
Dawa	439	1,694	116	-	117
<b>Benishangul Gumuz</b>	<b>73,987</b>	<b>1,222</b>	<b>1,107</b>	<b>5,431</b>	<b>359</b>
Assosa	12,158	163	354	283	80
Metekel	56,155	568	453	4,197	279
Kemashi	3,202	465	286	952	-
Mao Ena Komo	2,472	26	14	-	-
<b>SNNP</b>	<b>1,997,516</b>	<b>29,485</b>	<b>12,418</b>	<b>84,743</b>	<b>13,461</b>
Gurage	247,512	2,886	1,520	4,226	-
Hadiya	268,670	2,448	1,741	12,074	854
Kembata Tembaro	123,520	1,394	239	6,639	683
Gedeo	74,220	1,609	605	6,542	-
Welayta	233,466	12,058	-	24,508	-
South Omo	57,856	2,052	-	2,766	-
Sheka	1,208	-	-	-	-
Kefa	97,601	341	1,907	-	1,279
Gamo Gofa	372,064	852	2,681	5,933	9,132
Bench Maji	36,535	200	562	1,949	907
Yem Special	18,127	31	-	106	37
Segen Peoples'	106,140	3,488	2,373	10,635	-
Alaba Special	50,656	604	-	2,820	-
Dawro	67,498	257	-	924	89
Basketo Special	15,073	-	246	760	-
Konta Special	21,444	350	128	1,921	62
Silite	205,924	913	417	2,939	417
<b>Sidama</b>	<b>730,268</b>	<b>13,190</b>	<b>1,794</b>	<b>27,352</b>	<b>2,136</b>
<b>Gambela</b>	<b>1,835</b>	<b>44</b>	<b>130</b>	<b>90</b>	<b>122</b>
Angewak	1,013	-	-	-	122
Newer	-	-	130	-	-
Mejenger	742	44	-	55	-
Itang Special	80	-	-	35	-
Hareri	39,122	729	1,036	1,566	137
<b>Dire Dawa</b>	<b>29,482</b>	<b>1,302</b>	<b>762</b>	<b>389</b>	-

### 3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>National</b>	<b>453,824</b>	<b>122,577</b>	<b>19,117</b>	<b>44,461</b>	<b>13,553</b>
<b>Tigray</b>	<b>53,573</b>	<b>16,920</b>	<b>404</b>	<b>17,586</b>	<b>887</b>
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	-
South Western Tigray	1,118	330	-	2,144	-
<b>Afar</b>	-	<b>381</b>	<b>42</b>	-	-
Zone_1 (Awsiresu)	-	381	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-
Zone_5 (Hariresu)	-	-	42	-	-
<b>Amhara</b>	<b>64,544</b>	<b>24,278</b>	<b>1,585</b>	<b>3,501</b>	<b>1,132</b>
North Gonder	10,620	3,741	-	795	-
South Gonder	9,931	1,638	-	-	587
North Wello	6,135	372	-	-	-
South Wello	12,701	4,100	-	-	-
North Shewa	9,537	4,339	541	2,707	-
East Gojjam	4,721	3,843	-	-	544
West Gojjam	6,801	2,320	1,044	-	-
Waghimra	1,202	-	-	-	-
awi	-	872	-	-	-
Oromiya Special Zone	829	-	-	-	-
Central Gonder	1,986	3,052	-	-	-
West Gonder	80	-	-	-	-
<b>Oromiya</b>	<b>176,886</b>	<b>43,978</b>	<b>7,209</b>	<b>14,241</b>	<b>5,635</b>
West Wollega	-	-	-	-	-
East Wollega	984	-	-	-	-
Ilu Ababor	5,495	458	-	1,830	353
Jimma	7,481	2,170	3,864	4,843	-
West Shewa	8,686	3,298	-	683	859
North Shewa	14,777	8,095	425	1,305	1,873
East Shewa	5,045	1,529	-	1,101	-
Arsi	17,226	4,233	817	-	-
West Hararghe	17,383	3,422	-	-	525
East Hararge	43,420	5,057	649	870	-
Bale	4,608	924	-	-	198
Borena	1,477	1,052	451	451	-
South West Shewa	10,581	767	-	1,578	-
Guji	16,711	2,610	658	-	-
West Guji	-	-	-	546	-
Oromiya Special Zon	7,163	7,106	346	-	1,501
West Arsi	6,804	342	-	-	326
Kelem Wollega	1,790	-	-	-	-
Horo Guduru Wollega	3,433	-	-	708	-
Buno Bedele	1,928	89	-	130	-
East Bale	1,894	2,826	-	197	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somalie</b>	<b>3,816</b>	<b>252</b>	<b>7,970</b>	<b>2,233</b>	-
Siti	-	60	-	-	-
Fafan	104	192	362	-	-
Jerer	-	-	-	-	-
Erer	-	-	-	-	-
Korahe	32	-	5,701	-	-
Shebele	3,143	-	1,597	-	-
Dollo	89	-	309	-	-
Afder	-	-	-	-	-
Liben	449	-	-	2,233	-
Nogob	-	-	-	-	-
Dawa	-	-	-	-	-
<b>Benishangul Gumuz</b>	<b>1,942</b>	<b>156</b>	<b>35</b>	-	<b>584</b>
Assosa	464	-	-	-	240
Metekel	705	-	-	-	344
Kemashi	346	156	-	-	-
Mao Ena Komo	426	-	35	-	-
<b>SNNP</b>	<b>135,579</b>	<b>30,042</b>	<b>1,415</b>	<b>5,327</b>	<b>4,154</b>
Gurage	15,344	851	932	-	-
Hadiya	10,131	1,761	-	439	-
Kembata Tembaro	36,452	1,397	-	-	-
Gedeo	1,144	290	-	573	-
Welayta	23,823	12,210	-	2,739	-
South Omo	473	-	-	177	3,823
Sheka	403	-	-	-	-
Kefa	317	-	-	-	-
Gamo Gofa	2,567	2,034	-	409	-
Bench Maji	110	-	-	-	-
Yem Special	-	-	39	-	-
Segen Peoples'	10,416	3,255	342	-	-
Alaba Special	6,261	-	102	312	162
Dawro	10,466	5,851	-	336	121
Basketo Special	43	142	-	-	48
Konta Special	4,007	973	-	342	-
Silite	13,622	1,277	-	-	-
<b>Sidama</b>	<b>9,872</b>	<b>5,244</b>	-	<b>1,167</b>	<b>1,039</b>
<b>Gambela</b>	<b>16</b>	-	<b>77</b>	-	<b>122</b>
Angewak	16	-	-	-	122
Newer	-	-	77	-	-
Mejenger	-	-	-	-	-
Itang Special	-	-	-	-	-
<b>Hareri</b>	<b>6,476</b>	<b>1,113</b>	<b>311</b>	<b>334</b>	-
<b>Dire Dawa</b>	<b>1,122</b>	<b>214</b>	<b>69</b>	<b>72</b>	-

#### 4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>National</b>	<b>4,244,035</b>	<b>595,396</b>	<b>139,782</b>	<b>754,432</b>	<b>27,369</b>
<b>Tigray</b>	<b>668,462</b>	<b>58,951</b>	<b>17,373</b>	<b>174,623</b>	<b>2,475</b>
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
South Western Tigray	86,161	2,291	324	33,870	305
<b>Afar</b>	<b>8,049</b>	<b>2,270</b>	<b>3,461</b>	<b>1,312</b>	<b>91</b>
Zone_1 (Awsiresu)	4,114	1,935	360	761	-
Zone_2 (Kelbetiresu)	961	-	-	-	-
Zone_3 (Gebiresu)	2,264	286	3,059	550	91
Zone_4 (Fentiresu)	184	49	-	-	-
Zone_5 (Hariresu)	525	-	42	-	-
<b>Amhara</b>	<b>2,025,901</b>	<b>346,766</b>	<b>77,576</b>	<b>400,530</b>	<b>17,103</b>
North Gonder	139,611	16,974	11,391	24,290	-
South Gonder	235,417	34,863	12,058	54,392	2,379
North Wello	160,757	13,835	679	35,931	-
South Wello	387,512	52,615	3,558	87,111	3,178
North Shewa	271,899	32,423	3,281	54,432	3,331
East Gojam	108,274	29,776	18,533	18,772	544
West Gojam	198,906	70,447	11,313	47,273	4,140
Waghimra	63,912	6,664	818	13,367	462
Awi	89,601	19,167	3,287	18,028	1,595
Oromiya Special Zone	51,352	3,247	761	8,813	201
Central Gonder	300,119	64,684	7,560	33,305	1,095
West Gonder	18,542	2,072	4,337	4,818	177
<b>Oromiya</b>	<b>919,873</b>	<b>115,651</b>	<b>17,609</b>	<b>96,719</b>	<b>6,230</b>
West Wollega	1,705	-	-	-	-
East Wollega	11,949	-	-	418	-
Ilu Ababor	10,082	-	-	432	-
Jimma	36,033	-	-	1,526	-
West Shewa	95,453	8,217	-	6,620	-
North Shewa	169,579	41,256	1,006	40,886	1,801
East Shewa	30,830	1,742	6,220	-	-
Arsi	106,347	8,908	870	-	-
West Hararghe	108,181	12,256	1,716	2,009	1,203
East Hararge	85,361	12,712	1,265	19,580	-
Bale	16,571	3,741	168	3,351	-
Borena	2,324	575	3,601	301	-
South West Shewa	53,914	2,884	426	3,157	392
Guji	34,315	2,584	-	2,178	-
West Guji	5,610	670	524	-	-
Oromiya Special Zon	62,712	18,054	1,216	15,404	2,835
West Arsi	46,931	967	597	531	-
Kelem Wollega	16,923	-	-	-	-
Horo Guduru Wollega	13,474	784	-	-	-
Buno Bedele	8,000	126	-	130	-
East Bale	3,578	174	-	197	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somalie</b>	<b>14,383</b>	<b>944</b>	<b>16,563</b>	<b>26,407</b>	<b>21</b>
Siti	1,214	60	87	-	-
Fafan	3,029	95	290	-	-
Jerer	1,414	-	-	-	-
Erer	-	-	-	-	-
Korahe	32	-	5,647	-	-
Shebele	3,149	357	7,466	6,642	-
Dollo	133	432	2,358	-	-
Afder	384	-	575	2,234	-
Liben	3,194	-	-	17,531	-
Nogob	-	-	31	-	-
Dawa	1,836	-	109	-	21
<b>Benishangul Gumuz</b>	<b>25,955</b>	<b>2,834</b>	<b>1,079</b>	<b>521</b>	<b>703</b>
Assosa	4,317	-	655	160	80
Metekel	16,020	2,834	389	344	623
Kemashi	4,523	-	-	-	-
Mao Ena Komo	1,094	-	35	16	-
<b>SNNP</b>	<b>514,470</b>	<b>63,128</b>	<b>5,990</b>	<b>48,385</b>	<b>624</b>
Gurage	106,539	19,466	-	16,646	307
Hadiya	89,952	6,743	-	2,035	-
Kembata Tembaro	30,788	4,422	259	3,173	229
Gedeo	7,608	1,585	890	1,171	-
Welayta	85,013	7,595	517	7,860	-
South Omo	4,242	927	2,146	-	-
Sheka	-	-	-	-	-
Kefa	982	-	-	-	-
Gamo Gofa	31,694	10,533	1,463	1,534	-
Bench Maji	-	-	-	-	-
Yem Special	7,368	1,226	-	201	-
Segen Peoples'	24,357	1,470	250	6,049	-
Alaba Special	20,552	1,394	-	3,382	-
Dawro	42,923	475	-	336	89
Basketo Special	730	44	-	-	-
Konta Special	9,275	152	142	64	-
Silite	52,446	7,098	323	5,934	-
<b>Sidama</b>	<b>62,079</b>	<b>4,131</b>	-	<b>5,835</b>	-
<b>Gambela</b>	<b>247</b>	<b>80</b>	<b>61</b>	<b>102</b>	<b>122</b>
Angewak	204	32	32	16	122
Newer	-	-	28	-	-
Mejenger	43	47	-	86	-
Itang Special	-	-	-	-	-
<b>Hareri</b>	<b>1,979</b>	<b>473</b>	-	-	-
<b>Dire Dawa</b>	<b>2,637</b>	<b>170</b>	<b>69</b>	-	-

## 5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>National</b>	<b>862,429</b>	<b>1,089,784</b>	<b>12,521</b>	<b>100,133</b>	<b>17,302</b>
<b>Tigray</b>	<b>142,271</b>	<b>41,840</b>	<b>645</b>	<b>24,078</b>	<b>647</b>
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	-
South Western Tigray	12,027	6,922	-	7,252	-
<b>Afar</b>	<b>251</b>	<b>18,610</b>	-	<b>97</b>	<b>3,077</b>
Zone_1 (Awsiresu)	-	14,239	-	-	3,077
Zone_2 (Kelbetiresu)	-	821	-	-	-
Zone_3 (Gebiresu)	251	1,010	-	97	-
Zone_4 (Fentiresu)	-	2,249	-	-	-
Zone_5 (Hariresu)	-	292	-	-	-
<b>Amhara</b>	<b>244,677</b>	<b>254,431</b>	-	<b>14,427</b>	<b>8,245</b>
North Gonder	7,250	2,153	-	3,414	-
South Gonder	46,938	34,223	-	1,269	688
North Wello	768	10,248	-	-	-
South Wello	6,276	26,160	-	-	-
North Shewa	17,614	66,456	-	3,048	-
East Gojjam	62,036	14,130	-	3,244	2,052
West Gojjam	58,266	54,779	-	738	4,969
Waghimra	1,484	289	-	-	536
Awi	5,375	7,192	-	-	-
Oromiya Special Zone	1,076	5,537	-	-	-
Central Gonder	30,774	31,686	-	1,964	-
West Gonder	6,820	1,578	-	751	-
<b>Oromiya</b>	<b>269,665</b>	<b>484,116</b>	<b>1,391</b>	<b>34,383</b>	<b>1,716</b>
West Wollega	-	-	-	-	-
East Wollega	4,013	-	-	-	-
Ilu Ababor	5,536	1,541	743	2,333	-
Jimma	20,929	12,198	-	-	-
West Shewa	17,016	12,326	-	1,497	-
North Shewa	7,861	50,351	-	1,810	420
East Shewa	11,517	50,211	-	6,467	-
Arsi	22,340	40,824	-	7,092	-
West Hararghe	12,026	69,059	-	1,507	-
East Hararge	20,963	93,031	-	613	-
Bale	8,376	10,900	-	244	168
Borena	1,203	2,292	451	150	-
South West Shewa	15,821	17,563	-	3,941	-
Guji	28,171	7,413	-	-	-
West Guji	5,417	4,929	-	6,005	-
Oromiya Special Zon	10,933	69,572	-	-	1,127
West Arsi	31,849	32,254	-	2,393	-
Kelem Wollega	18,497	-	-	-	-
Horo Guduru Wollega	11,923	177	-	177	-
Buno Bedele	5,886	567	-	153	-
East Bale	9,388	8,908	197	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somalie</b>	<b>1,626</b>	<b>408</b>	<b>8,530</b>	<b>8,108</b>	-
Siti	84	182	-	-	-
Fafan	258	53	235	-	-
Jerer	-	-	128	-	-
Erer	43	-	-	-	-
Korahe	86	-	5,565	-	-
Shebele	538	-	1,842	-	-
Dollo	131	-	311	-	-
Afder	-	-	-	125	-
Liben	486	-	449	7,983	-
Nogob	-	-	-	-	-
Dawa	-	173	-	-	-
<b>Benishangul Gumuz</b>	<b>5,682</b>	<b>135</b>	<b>32</b>	-	<b>320</b>
Assosa	3,445	-	-	-	320
Metekel	1,476	100	-	-	-
Kemashi	190	-	-	-	-
Mao Ena Komo	572	35	32	-	-
<b>SNNP</b>	<b>145,562</b>	<b>190,566</b>	<b>293</b>	<b>16,285</b>	<b>1,619</b>
Gurage	8,986	27,631	-	1,134	-
Hadiya	20,239	17,010	-	1,351	-
Kembata Tembaro	8,568	47,049	-	3,780	239
Gedeo	10,402	11,045	293	800	-
Welayta	16,424	49,328	-	5,797	388
South Omo	5,240	180	-	-	671
Sheka	1,208	-	-	-	-
Kefa	1,908	280	-	-	322
Gamo Gofa	24,143	6,943	-	3,065	-
Bench Maji	4,465	1,309	-	-	-
Yem Special	499	35	-	62	-
Segen Peoples'	11,150	4,446	-	-	-
Alaba Special	638	4,167	-	-	-
Dawro	3,340	12,286	-	168	-
Basketo Special	96	-	-	-	-
Konta Special	9,303	1,788	-	129	-
Silite	18,952	7,067	-	-	-
<b>Sidama</b>	<b>44,776</b>	<b>76,565</b>	<b>1,060</b>	<b>1,159</b>	<b>1,167</b>
<b>Gambela</b>	<b>1,591</b>	<b>55</b>	<b>47</b>	<b>125</b>	<b>122</b>
Angewak	33	-	-	-	122
Newer	162	-	-	-	-
Mejenger	1,387	55	47	125	-
Itang Special	9	-	-	-	-
<b>Hareri</b>	<b>4,525</b>	<b>8,929</b>	<b>524</b>	<b>725</b>	<b>112</b>
<b>Dire Dawa</b>	<b>1,803</b>	<b>14,128</b>	-	<b>745</b>	<b>277</b>

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
<b>National</b>	<b>138,145</b>	<b>49,079</b>	<b>323,842</b>	<b>16,777</b>	<b>30,240</b>	<b>18,463</b>
<b>Tigray</b>	<b>16,663</b>	<b>3,330</b>	<b>63,507</b>	<b>5,931</b>	<b>1,630</b>	<b>4,899</b>
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	-	-
South Western Tigray	3,758	1,133	7,697	-	-	868
<b>Afar</b>	-	-	-	-	-	-
Zone_1 (Awsiresu)	-	-	-	-	-	-
Zone_2 (Kelbetiresu)	-	-	-	-	-	-
Zone_3 (Gebiresu)	-	-	-	-	-	-
Zone_4 (Fentiresu)	-	-	-	-	-	-
Zone_5 (Hariresu)	-	-	-	-	-	-
<b>Amhara</b>	<b>28,091</b>	<b>14,709</b>	<b>103,582</b>	<b>6,120</b>	<b>6,827</b>	<b>1,439</b>
North Gonder	1,519	-	8,040	-	-	940
South Gonder	1,714	3,388	11,760	1,699	552	-
North Wello	-	-	1,369	-	-	-
South Wello	-	-	1,437	-	-	-
North Shewa	4,774	2,387	42,445	516	2,942	-
East Gojjam	1,640	1,836	13,423	484	1,173	-
West Gojjam	8,480	4,521	7,121	1,368	2,160	-
Waghimra	-	-	2,522	-	-	-
awi	1,635	1,196	2,037	560	-	410
Oromiya Special Zone	-	-	266	-	-	-
Central Gonder	8,330	1,382	12,558	1,494	-	-
West Gonder	-	-	604	-	-	89
<b>Oromiya</b>	<b>58,844</b>	<b>24,997</b>	<b>116,667</b>	<b>3,088</b>	<b>11,477</b>	<b>4,630</b>
West Wollega	-	-	36,218	-	-	-
East Wollega	-	-	3,191	-	-	-
Ilu Ababor	-	-	5,825	-	-	-
Jimma	-	-	38,623	-	-	-
West Shewa	5,407	-	630	-	-	-
North Shewa	5,728	2,926	3,723	-	977	3,018
East Shewa	3,937	874	793	-	397	-
Arsi	21,081	4,835	8,114	727	-	-
West Hararghe	2,036	8,779	2,495	-	508	-
East Hararge	2,144	-	1,905	-	4,670	-
Bale	861	-	986	-	2,238	-
Borena	4,850	150	-	150	451	150
South West Shewa	1,911	1,314	345	-	389	-
Guji	1,214	1,791	4,598	624	1,247	624
West Guji	-	-	-	-	-	-
Oromiya Special Zon	1,539	595	2,995	-	-	-
West Arsi	4,480	514	342	-	-	-
Kelem Wollega	-	-	-	1,587	-	-
Horo Guduru Wollega	348	213	3,440	-	-	-
Buno Bedele	145	-	2,245	-	-	-
East Bale	3,163	3,006	200	-	601	838

TABLE 3 – 30 CONT'D

Geographic Area	Number of Holders Practiced					Other Packages
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages	
<b>Somalie</b>	<b>1,530</b>	<b>405</b>	-	<b>175</b>	<b>3,895</b>	<b>3,155</b>
Siti	-	-	-	-	-	-
Fafan	-	-	-	-	-	-
Jerer	-	-	-	-	-	-
Erer	-	-	-	-	-	-
Korahe	141	-	-	175	3,264	1,828
Shebele	580	-	-	-	452	1,252
Dollo	-	-	-	-	179	44
Afder	-	-	-	-	-	-
Liben	809	405	-	-	-	-
Nogob	-	-	-	-	-	-
Dawa	-	-	-	-	-	31
<b>Benishangul Gumuz</b>	<b>96</b>	-	<b>1,414</b>	-	<b>276</b>	<b>256</b>
Assosa	96	-	506	-	160	256
Metekel	-	-	558	-	-	-
Kemashi	-	-	-	-	-	-
Mao Ena Komo	-	-	349	-	117	-
<b>SNNP</b>	<b>24,884</b>	<b>5,448</b>	<b>28,664</b>	<b>1,463</b>	<b>5,927</b>	<b>3,961</b>
Gurage	2,128	-	2,679	-	686	-
Hadiya	1,635	-	1,202	-	-	-
Kembata Tembaro	2,666	-	749	-	3,226	-
Gedeo	264	3,393	264	-	-	286
Welayta	871	-	6,691	935	-	-
South Omo	11,656	-	964	-	880	-
Sheka	-	-	-	-	-	-
Kefa	-	-	4,344	-	-	-
Gamo Gofa	-	-	3,111	-	-	-
Bench Maji	214	-	1,545	196	-	195
Yem Special	397	613	726	-	-	-
Segen Peoples'	-	-	258	-	-	556
Alaba Special	162	-	523	129	-	-
Dawro	4,092	1,381	2,122	142	791	94
Basketo Special	157	-	242	-	29	-
Konta Special	-	61	1,339	62	-	-
Silite	641	-	1,905	-	314	2,830
<b>Sidama</b>	<b>7,994</b>	-	<b>9,349</b>	-	-	-
<b>Gambela</b>	-	-	<b>55</b>	-	-	<b>122</b>
Angewak	-	-	-	-	-	122
Newer	-	-	-	-	-	-
Mejenger	-	-	55	-	-	-
Itang Special	-	-	-	-	-	-
<b>Hareri</b>	<b>43</b>	<b>190</b>	-	-	-	-
<b>Dire Dawa</b>	-	-	<b>603</b>	-	<b>208</b>	-

**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

graphic Area	Cattles			Sheep			Goats			Horses			Mule	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
	<b>70,291,776</b>	<b>1,595,487</b>	<b>2.27</b>	<b>42,914,865</b>	<b>1,183,039</b>	<b>2.76</b>	<b>52,463,535</b>	<b>1,910,151</b>	<b>3.64</b>	<b>2,148,492</b>	<b>122,743</b>	<b>5.71</b>	<b>382,784</b>	<b>28</b>
	<b>4,908,964</b>	<b>238,593</b>	<b>4.86</b>	<b>2,097,619</b>	<b>194,445</b>	<b>9.27</b>	<b>4,838,969</b>	<b>415,654</b>	<b>8.59</b>	<b>2,558</b>	<b>1,132</b>	<b>44.24</b>	<b>8,078</b>	<b>2</b>
gray	1,954,132	206,852	10.59	410,846	112,440	27.37	2,357,427	365,439	15.5	-	-	-	1,389	1
	725,700	56,465	7.78	549,192	119,667	21.79	1,110,054	141,538	12.75	-	-	-	1,816	1
	466,981	32,781	7.02	614,973	71,873	11.69	194,578	46,025	23.65	859	641	74.6	-	
ay	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
ay	847,546	90,546	10.68	101,390	46,269	45.63	679,188	116,669	17.18	1,115	807	72.4	484	
Tigray	523,671	32,955	6.29	234,743	50,995	21.72	336,050	52,209	15.54	447	447	100.16	581	
	<b>1,959,185</b>	<b>225,742</b>	<b>11.52</b>	<b>4,476,485</b>	<b>562,691</b>	<b>12.57</b>	<b>8,843,082</b>	<b>830,476</b>	<b>9.39</b>	<b>98</b>	<b>95</b>	<b>97.59</b>	<b>140</b>	
(resu)	916,830	194,231	21.19	2,181,923	510,868	23.41	3,924,025	721,588	18.39	-	-	-	-	
(etiresu)	62,214	23,912	38.43	413,083	149,631	36.22	1,376,619	272,159	19.77	-	-	-	-	
(resu)	620,828	110,583	17.81	1,089,703	175,432	16.1	1,871,544	300,052	16.03	-	-	-	140	
(resu)	100,838	20,820	20.65	338,140	49,691	14.7	587,919	69,995	11.91	98	95	97.59	-	
(esu)	258,475	-	-	453,636	-	-	1,082,975	-	-	-	-	-	-	
	<b>17,262,804</b>	<b>479,530</b>	<b>2.78</b>	<b>10,391,582</b>	<b>522,319</b>	<b>5.03</b>	<b>7,045,305</b>	<b>435,946</b>	<b>6.19</b>	<b>490,154</b>	<b>57,612</b>	<b>11.75</b>	<b>199,847</b>	<b>20</b>
	778,942	79,548	10.21	506,919	68,514	13.52	645,359	141,302	21.9	35,480	12,981	36.59	8,556	2
	1,977,764	131,328	6.64	1,225,461	131,816	10.76	905,804	195,088	21.54	34,417	15,918	46.25	24,723	9
	924,892	51,809	5.6	928,259	160,607	17.3	583,226	104,301	17.88	37,547	14,451	38.49	16,326	4
	1,952,374	119,377	6.11	1,538,406	209,930	13.65	1,390,763	217,083	15.61	40,250	13,029	32.37	30,134	8
	1,704,407	145,468	8.53	1,941,024	316,256	16.29	823,550	113,165	13.74	120,966	32,889	27.19	8,743	2
	2,166,683	237,760	10.97	1,110,700	138,652	12.48	250,630	79,649	31.78	75,707	18,705	24.71	26,828	10
	2,922,093	225,714	7.72	1,555,225	186,280	11.98	288,719	81,485	28.22	29,554	14,324	48.47	52,568	9
	367,985	31,127	8.46	196,608	37,616	19.13	550,710	100,271	18.21	-	-	-	2,645	
ial Zone	1,137,033	118,658	10.44	551,125	69,833	12.67	130,732	50,802	38.86	91,932	26,904	29.27	20,517	3
er	322,932	32,259	9.99	39,203	9,176	23.41	211,362	37,371	17.68	-	-	-	-	
	2,632,866	208,414	7.92	772,065	143,177	18.54	1,060,173	183,150	17.28	24,300	12,573	51.74	8,619	2
	374,833	35,716	9.53	26,587	8,038	30.23	204,277	25,575	12.52	-	-	-	189	
	<b>25,506,409</b>	<b>599,332</b>	<b>2.35</b>	<b>9,752,385</b>	<b>431,484</b>	<b>4.42</b>	<b>8,425,727</b>	<b>526,678</b>	<b>6.25</b>	<b>1,309,923</b>	<b>103,220</b>	<b>7.88</b>	<b>120,161</b>	<b>19</b>
	1,306,092	219,305	16.79	422,262	56,553	13.39	69,192	23,571	34.07	4,981	3,497	70.2	1,494	1
	1,079,293	113,843	10.55	274,633	36,678	13.36	171,251	31,503	18.4	3,104	3,073	99.01	4,528	1
	943,571	103,070	10.92	308,008	34,742	11.28	146,369	31,411	21.46	51,498	17,795	34.56	4,919	1
	2,560,207	167,618	6.55	859,914	91,184	10.6	570,387	94,022	16.48	68,664	21,151	30.8	21,395	5
	2,294,593	194,829	8.49	1,074,939	132,018	12.28	264,931	62,030	23.41	263,558	44,859	17.02	11,210	3
	1,323,045	93,133	7.04	945,409	157,530	16.66	158,116	39,291	24.85	84,142	22,323	26.53	2,499	2
	1,109,685	84,951	7.66	445,120	53,543	12.03	431,649	79,140	18.33	13,114	3,054	23.29	4,762	2
graphic Area	Cattle			Sheep			Goat			Horses			Mule	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
	2,904,201	248,226	8.55	1,228,912	204,773	16.66	1,176,724	383,547	32.59	253,950	58,839	23.17	38,872	17
	1,117,575	83,173	7.44	135,963	33,577	24.7	1,112,238	172,662	15.52	499	499	100.03	-	
	1,241,557	96,819	7.8	314,134	71,719	22.83	1,151,462	111,953	9.72	-	-	-	-	
	961,215	74,214	7.72	177,471	34,888	19.66	404,246	90,161	22.3	62,197	16,612	26.71	5,062	1
	602,593	79,297	13.16	420,512	83,704	19.91	657,479	85,340	12.98	-	-	-	97	
	1,094,301	72,549	6.63	263,084	41,520	15.78	260,410	46,175	17.73	68,198	12,710	18.64	4,029	1
	1,424,030	145,008	10.18	631,170	110,359	17.48	331,790	88,088	26.55	124,487	32,076	25.77	2,945	1
	535,175	135,151	25.25	196,494	38,545	19.62	192,905	88,749	46.01	30,146	10,731	35.6	2,450	1
ial Zone	949,822	76,994	8.11	479,024	59,693	12.46	73,625	22,588	30.68	34,311	7,276	21.21	1,901	
a	1,835,794	220,881	12.03	969,205	211,539	21.83	245,950	57,142	23.23	205,797	45,830	22.27	3,530	1
Wollega	513,415	61,770	12.03	202,563	57,195	28.24	83,494	27,722	33.2	-	-	-	2,522	2
	744,617	98,956	13.29	189,992	38,761	20.4	146,124	30,111	20.61	28,372	11,616	40.94	2,903	1
	443,264	24,110	5.44	108,479	15,667	14.44	95,030	11,914	12.54	12,707	4,068	32.01	1,393	
	522,364	49,094	9.4	105,097	43,084	40.99	682,353	161,660	23.69	197	196	99.68	3,647	
	<b>6,034,887</b>	<b>319,655</b>	<b>5.3</b>	<b>11,013,491</b>	<b>510,119</b>	<b>4.63</b>	<b>16,464,505</b>	<b>713,535</b>	<b>4.33</b>	-	-	-	<b>553</b>	
	52,045	13,665	26.26	114,160	21,466	18.8	344,966	32,344	9.38	-	-	-	-	
	558,229	70,666	12.66	807,519	186,224	23.06	712,699	100,865	14.15	-	-	-	-	
	672,956	104,242	15.49	2,726,526	220,153	8.07	3,981,852	347,706	8.73	-	-	-	-	
	555,648	81,710	14.71	808,458	119,296	14.76	1,084,399	108,730	10.03	-	-	-	327	
	560,940	174,934	31.19	684,796	109,467	15.99	609,943	67,082	11	-	-	-	31	
	680,136	75,780	11.14	836,696	138,372	16.54	1,279,518	149,363	11.67	-	-	-	-	
	1,022,817	166,341	16.26	967,633	112,154	11.59	734,718	131,260	17.87	-	-	-	-	
	685,181	64,636	9.43	1,599,007	232,287	14.53	4,185,770	478,528	11.43	-	-	-	82	
	387,595	39,816	10.27	531,251	39,758	7.48	936,629	118,242	12.62	-	-	-	-	

	662,986	78,803	11.89	1,740,564	242,640	13.94	2,066,417	241,362	11.68	-	-	-	-
Gumuz	196,352	58,897	30	196,879	65,284	33.16	527,594	141,164	26.76	-	-	-	114
	<b>592,228</b>	<b>92,082</b>	<b>15.55</b>	<b>61,335</b>	<b>13,238</b>	<b>21.58</b>	<b>446,323</b>	<b>68,013</b>	<b>15.24</b>	-	-	-	<b>3,457</b>
o	69,440	19,741	28.43	10,916	2,609	23.9	157,629	31,508	19.99	-	-	-	-
	467,989	89,360	19.09	27,783	10,898	39.23	145,031	48,015	33.11	-	-	-	3,421
	44,448	10,113	22.75	15,769	6,971	44.21	132,817	36,397	27.4	-	-	-	-
	10,351	1,420	13.71	6,867	1,030	14.99	10,847	1,677	15.46	-	-	-	37
	<b>11,128,017</b>	<b>1,306,499</b>	<b>11.74</b>	<b>4,561,504</b>	<b>565,840</b>	<b>12.4</b>	<b>5,518,806</b>	<b>1,338,384</b>	<b>24.25</b>	<b>310,310</b>	<b>29,346</b>	<b>9.46</b>	<b>45,489</b>
baro	1,058,674	60,404	5.71	360,291	69,334	19.24	139,061	27,280	19.62	46,891	12,949	27.61	3,942
	1,001,910	50,173	5.01	173,565	28,023	16.15	197,170	28,788	14.6	28,925	9,431	32.61	3,245
	416,299	18,400	4.42	55,962	11,954	21.36	72,393	10,401	14.37	4,506	1,569	34.82	-
	124,940	25,176	20.15	255,117	40,467	15.86	9,108	3,119	34.24	23,002	6,571	28.57	3,160
	920,248	47,453	5.16	192,994	21,266	11.02	211,575	43,349	20.49	-	-	-	2,334
	2,733,147	1,290,857	47.23	1,415,361	539,263	38.1	3,110,966	1,326,972	42.65	8,393	2,742	32.66	2,046

graphic Area	Cattle			Sheep			Goat			Horses			Mule	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
	284,361	51,802	18.22	132,211	30,673	23.2	9,715	3,741	38.51	20,007	4,269	21.34	1,955	1,12
	944,589	63,129	6.68	475,454	50,181	10.55	200,499	22,038	10.99	69,766	11,120	15.94	9,178	2,46
	1,434,273	131,992	9.2	527,374	114,740	21.76	495,852	111,368	22.46	49,657	14,730	29.66	8,632	2,95
	367,853	41,277	11.22	170,400	22,704	13.32	92,905	17,591	18.93	11,922	3,390	28.44	2,237	1,47
s'	86,116	32,277	37.48	17,513	3,443	19.66	36,709	10,649	29.01	368	141	38.34	132	71
	413,485	52,272	12.64	234,857	45,849	19.52	443,376	109,431	24.68	2,747	2,005	73.01	2,184	1,53
	198,371	16,741	8.44	69,148	8,521	12.32	113,975	15,492	13.59	1,128	542	48.03	-	-
	318,018	17,618	5.54	60,836	11,015	18.11	72,492	12,517	17.27	2,573	1,055	41	2,692	728
al	49,404	5,079	10.28	19,013	3,152	16.58	12,183	3,775	30.98	200	117	58.39	432	157
	106,925	9,394	8.79	18,911	6,334	33.49	27,379	3,901	14.25	1,571	750	47.74	841	488
	669,405	31,031	4.64	382,495	45,244	11.83	273,449	33,463	12.24	38,654	13,229	34.22	2,480	992
	<b>2,413,482</b>	<b>172,990</b>	<b>7.17</b>	<b>467,858</b>	<b>74,012</b>	<b>15.82</b>	<b>308,903</b>	<b>74,867</b>	<b>24.24</b>	<b>34,709</b>	<b>15,158</b>	<b>43.67</b>	<b>4,246</b>	<b>3,56</b>
	321,722	28,702	8.92	27,789	6,253	22.5	135,494	18,617	13.74	<b>636</b>	<b>296</b>	<b>46.48</b>	<b>813</b>	<b>734</b>
	7,035	2,638	37.49	461	322	69.89	7,932	1,556	19.62	-	-	-	43	42
	276,876	28,193	10.18	15,022	5,669	37.74	109,121	18,281	16.75	-	-	-	-	-
	20,530	3,609	17.58	11,577	2,607	22.52	9,744	2,883	29.59	636	296	46.48	770	733
	17,281	2,993	17.32	729	242	33.24	8,697	1,290	14.83	-	-	-	-	-
	<b>86,056</b>	<b>10,250</b>	<b>11.91</b>	<b>5,497</b>	<b>1,598</b>	<b>29.06</b>	<b>110,499</b>	<b>11,206</b>	<b>10.14</b>	-	-	-	-	-
	<b>78,022</b>	<b>9,645</b>	<b>12.36</b>	<b>59,320</b>	<b>8,068</b>	<b>13.6</b>	<b>325,922</b>	<b>87,586</b>	<b>26.87</b>	<b>104</b>	<b>104</b>	<b>99.21</b>	-	-

Geographic Area	Donkies			Camels			Poultries			Beehives	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
I	<b>10,791,896</b>	<b>188,976</b>	<b>1.75</b>	<b>8,145,790</b>	<b>587,739</b>	<b>7.22</b>	<b>56,992,987</b>	<b>1,288,757</b>	<b>2.26</b>	<b>6,986,100</b>	<b>519,500</b>
est Tigray	<b>901,002</b>	<b>42,195</b>	<b>4.68</b>	<b>46,436</b>	<b>9,574</b>	<b>20.62</b>	<b>7,000,785</b>	<b>368,534</b>	<b>5.26</b>	<b>343,243</b>	<b>40,930</b>
Tigray	268,072	31,529	11.76	18,423	6,257	33.96	2,592,291	296,891	11.45	84,520	29,230
Tigray	179,470	18,479	10.3	11,345	4,646	40.95	1,389,635	127,207	9.15	74,152	15,120
n Tigray	146,425	11,128	7.6	-	-	-	971,211	94,028	9.68	78,612	19,520
Tigray	70,266	8,643	12.3	7,214	3,731	51.71	405,935	33,810	8.33	27,759	7,290
Western Tigray	72,760	9,132	12.55	6,603	3,009	45.58	871,111	128,149	14.71	38,516	10,120
(Awsiresu)	164,009	12,766	7.78	2,851	2,823	98.99	770,603	71,309	9.25	39,684	7,420
(Kelbetiresu)	<b>308,835</b>	<b>37,569</b>	<b>12.16</b>	<b>1,258,971</b>	<b>157,118</b>	<b>12.48</b>	<b>91,562</b>	<b>20,127</b>	<b>21.98</b>	<b>19,488</b>	<b>8,670</b>
(Gebiresu)	125,497	34,636	27.6	472,064	101,229	21.44	4,381	3,662	83.59	-	-
(Fentiresu)	59,030	6,778	11.48	123,434	43,058	34.88	12,821	7,979	62.23	18,689	8,640
(Hariresu)	61,033	12,219	20.02	432,458	111,786	25.85	61,780	18,112	29.32	799	70
onder	24,433	4,070	16.66	66,140	9,419	14.24	-	-	-	-	-
	38,842	-	-	164,875	-	-	12,580	-	-	-	-
	<b>3,725,454</b>	<b>112,404</b>	<b>3.02</b>	<b>44,774</b>	<b>10,382</b>	<b>23.19</b>	<b>19,060,608</b>	<b>649,960</b>	<b>3.41</b>	<b>1,380,048</b>	<b>93,140</b>
	187,465	18,940	10.1	-	-	-	1,304,189	137,445	10.54	96,205	20,150

onder	406,620	31,119	7.65	-	-	1,885,633	205,408	10.89	193,675	38,096	
ello	293,698	19,824	6.75	14,847	6,709	45.19	1,069,976	91,369	8.54	48,456	10,263
ello	664,223	47,171	7.1	2,642	1,505	56.94	1,965,306	165,248	8.41	156,088	27,404
nawa	574,419	46,374	8.07	16,614	7,296	43.91	2,000,196	147,302	7.36	74,778	10,395
jam	426,018	45,723	10.73	-	-	-	1,350,897	213,523	15.81	105,847	22,653
jjam	443,573	52,108	11.75	-	-	-	3,729,350	334,743	8.98	281,155	44,600
ra	122,909	9,132	7.43	-	-	-	398,167	41,696	10.47	135,226	36,777
79,037	15,965	20.2	-	-	-	-	1,416,013	165,298	11.67	85,135	15,965
Special Zone	60,037	7,808	13.01	10,232	2,664	26.03	347,721	59,878	17.22	7,043	2,814
Gonder	437,989	36,437	8.32	-	-	-	3,244,120	334,814	10.32	168,600	40,699
Gonder	29,465	2,492	8.46	439	420	95.54	349,039	40,235	11.53	27,840	9,023
a	<b>3,900,800</b>	<b>127,583</b>	<b>3.27</b>	<b>292,908</b>	<b>57,514</b>	<b>19.64</b>	<b>19,160,388</b>	<b>634,948</b>	<b>3.31</b>	<b>3,770,056</b>	<b>487,611</b>
ollega	190,279	34,889	18.34	-	-	-	1,217,561	273,852	22.49	386,555	156,057
llega	132,271	15,707	11.87	-	-	-	777,286	95,626	12.3	220,176	48,683
or	35,240	6,104	17.32	-	-	-	779,081	61,205	7.86	770,492	404,224
ewa	191,054	29,442	15.41	-	-	-	2,235,702	247,310	11.06	532,728	161,994
nawa	265,736	33,273	12.52	-	-	-	1,347,507	133,238	9.89	167,441	31,733
wa	318,765	17,796	5.58	-	-	-	656,314	72,161	10.99	67,019	17,594
	292,307	24,385	8.34	12,914	7,339	56.83	859,616	91,127	10.6	11,557	5,603

Geographic Area	Donkies			Camels			Poultries			Beehives	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
rarghe	601,475	71,362	11.86	1,024	1,023	99.9	1,783,090	257,925	14.47	94,155	20,783
arge	281,157	31,134	11.07	30,942	16,216	52.41	1,447,796	159,048	10.99	106,819	20,222
West Shewa	300,707	36,726	12.21	21,550	20,030	92.95	2,275,854	162,036	7.12	75,029	16,261
	136,014	13,264	9.75	26,264	12,814	48.79	438,382	58,806	13.41	225,847	70,340
	65,075	8,756	13.46	88,174	23,162	26.27	152,299	31,813	20.89	95,005	57,730
aji	197,111	24,560	12.46	-	-	-	694,786	62,510	9	61,655	10,600
Special Zone	90,614	19,136	21.12	10,351	10,300	99.5	1,354,160	200,399	14.8	339,033	57,983
si	39,903	10,963	27.47	-	-	-	355,439	65,885	18.54	106,331	39,293
ollega	194,274	20,070	10.33	-	-	-	727,668	152,174	20.91	20,128	8,363
duru Wollega	258,017	42,819	16.6	-	-	-	761,163	88,491	11.63	32,801	13,480
dele	49,067	13,495	27.5	-	-	-	477,942	126,247	26.41	168,481	47,653
e	124,369	24,307	19.54	-	-	-	472,374	60,967	12.91	118,569	33,873
	27,275	4,919	18.03	-	-	-	227,011	26,709	11.77	77,114	14,423
	110,089	10,231	9.29	101,688	42,215	41.51	119,356	23,154	19.4	93,119	42,119
	<b>978,813</b>	<b>40,678</b>	<b>4.16</b>	<b>6,489,702</b>	<b>563,230</b>	<b>8.68</b>	<b>318,567</b>	<b>69,163</b>	<b>21.71</b>	<b>167,961</b>	<b>57,883</b>
	19,026	3,765	19.79	12,331	4,886	39.63	14,193	6,172	43.49	-	-
	68,965	6,456	9.36	126,911	40,790	32.14	22,894	7,065	30.86	594	353
	52,394	7,458	14.24	1,087,831	131,714	12.11	-	-	-	-	-
	60,141	8,158	13.57	725,144	78,052	10.76	-	-	-	39,827	12,533
	63,205	13,846	21.91	427,605	77,549	18.14	4,044	4,019	99.38	-	-
	116,513	10,320	8.86	734,769	406,696	55.35	113,264	50,116	44.25	-	-
	30,786	6,976	22.66	341,831	55,834	16.33	-	-	-	-	-
	182,522	14,786	8.1	654,656	82,363	12.58	22,520	12,658	56.21	969	963
	306,407	28,751	9.38	260,647	35,987	13.81	123,690	44,510	35.99	115,068	56,203
	63,662	8,799	13.82	1,901,295	323,863	17.03	-	-	-	1,423	584
	15,193	2,664	17.54	216,681	67,835	31.31	17,963	5,137	28.6	10,080	5,823
ngul Gumuz	<b>47,763</b>	<b>6,877</b>	<b>14.4</b>	-	-	-	<b>1,155,535</b>	<b>138,776</b>	<b>12.01</b>	<b>171,775</b>	<b>41,343</b>
	21,150	3,307	15.64	-	-	-	465,228	57,939	12.45	68,009	29,723
	20,315	5,622	27.67	-	-	-	391,536	109,135	27.87	38,949	23,283
	4,362	2,153	49.36	-	-	-	260,197	63,097	24.25	22,407	14,933
n Komo	1,937	335	17.29	-	-	-	38,574	3,188	8.26	42,411	7,766
	<b>814,761</b>	<b>40,408</b>	<b>4.96</b>	-	-	-	<b>7,813,730</b>	<b>784,859</b>	<b>10.04</b>	<b>1,003,737</b>	<b>125,653</b>
	134,513	18,674	13.88	-	-	-	542,195	42,165	7.78	60,031	15,023
	184,731	16,063	8.7	-	-	-	897,684	112,692	12.55	89,306	19,043
a Tembaro	53,774	7,173	13.34	-	-	-	301,278	33,787	11.21	26,924	5,213
	3,575	1,763	49.31	-	-	-	136,319	12,741	9.35	37,022	10,353
mo	54,449	7,818	14.36	-	-	-	1,483,925	746,653	50.32	40,400	11,043
	43,616	16,689	38.26	-	-	-	481,237	90,912	18.89	98,691	36,093
Geographic Area	Donkies			Camels			Poultries			Beehives	
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE
	717	716	99.85	-	-	-	184,854	30,109	16.29	269,788	102,813
	6,647	3,216	48.38	-	-	-	710,656	72,198	10.16	162,167	49,123
ofa	53,491	16,307	30.49	-	-	-	936,934	121,124	12.93	57,103	15,273
Haji	2,296	925	40.27	-	-	-	310,931	52,604	16.92	27,055	9,753
cial	6,912	1,807	26.14	-	-	-	56,280	18,999	33.76	22,475	12,313
peoples'	35,999	8,854	24.6	-	-	-	527,817	74,185	14.06	21,177	7,153
pecial	59,791	4,763	7.97	-	-	-	222,694	15,684	7.04	15,072	2,843
	3,937	755	19.17	-	-	-	211,113	26,558	12.58	13,442	3,453
Special	1,103	347	31.47	-	-	-	55,553	6,945	12.5	4,080	1,883
pecial	857	273	31.9	-	-	-	107,734	12,876	11.95	9,773	3,663

	168,352	15,782	9.37	-	-	-	646,525	62,294	9.64	49,231	9,433
	<b>65,282</b>	<b>15,293</b>	<b>23.43</b>	-	-	-	<b>1,824,841</b>	<b>239,749</b>	<b>13.14</b>	<b>44,364</b>	<b>13,155</b>
a	<b>647</b>	<b>272</b>	<b>41.96</b>	-	-	-	<b>314,680</b>	<b>33,741</b>	<b>10.72</b>	<b>77,902</b>	<b>25,655</b>
k	548	263	47.96	-	-	-	61,211	11,604	18.96	16,117	10,480
	-	-	-	-	-	-	160,955	29,684	18.44	-	-
er	99	69	69.21	-	-	-	55,065	10,272	18.65	61,756	23,411
ecial	-	-	-	-	-	-	37,448	4,138	11.05	29	1
	<b>16,547</b>	<b>3,691</b>	<b>22.31</b>	<b>1,809</b>	<b>1,586</b>	<b>87.65</b>	<b>129,963</b>	<b>16,040</b>	<b>12.34</b>	<b>4,360</b>	<b>1,107</b>
va	<b>31,992</b>	<b>5,072</b>	<b>15.85</b>	<b>11,190</b>	<b>3,544</b>	<b>31.67</b>	<b>122,328</b>	<b>11,976</b>	<b>9.79</b>	<b>3,167</b>	<b>940</b>

## **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 2020/2021(2013 E.C.), Livestock Sample Survey

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North-Western	36			
	Central Tigray	38			
	Eastern Tigray	34			
	Southern Tigray	34			
	Western Tigray	31			
	South East Tigray	33			
	<b>Region Total</b>	<b>206</b>			
Afar	Zone 1 (Awsi Resu)	26	23	520	460
	Zone 2 (Kelbet Resu)	28	26	560	520
	Zone 3 (Gebi Resu)	25	22	500	440
	Zone 4 (Fenti Resu)	25	22	500	440
	Zone 5 (Hari Resu)	26	26	520	520
	<b>Region Total</b>	<b>130</b>	<b>119</b>	<b>2,600</b>	<b>2,380</b>
Amhara	North Gondar	36	36	720	720
	South Gondar	46	46	920	920
	North Wollo	42	42	840	840
	South Wollo	53	53	1,060	1,060
	North Shewa	44	44	880	880
	East Gojam	46	46	920	920
	West Gojam	52	51	1,040	1,020
	Waghimra	34	31	680	620
	Awi	38	34	760	680
	Oromia Special	33	33	660	660
	Central Gondar	49	48	980	960
	Western Gonder	30	30	600	600
	<b>Region Total</b>	<b>503</b>	<b>494</b>	<b>10,060</b>	<b>9,880</b>
Oromia	West Wellega	38	11	760	220
	East Wellega	37	34	740	680
	Ilu Ababora	34	34	680	680
	Jimma	44	44	880	880
	West Shewa	40	38	800	760
	North Shewa	38	35	760	700
	East Shewa	37	37	740	740
	Arsi	42	41	840	820
	West Hararghe	41	41	820	820
	East Hararghe	44	44	880	880
	Bale	38	36	760	720
	East Bale	28	27	560	540
	Borena	30	27	600	540
	South-West Shewa	36	36	720	720
	Guji	37	29	740	580
	Western Guji	36	26	720	520
	Oromia Special Zone	29	29	580	580
	West Arsi	41	40	820	800
	Kellem Wellega	34	7	680	140
	Horo Guduru Wellega	32	32	640	640
	Buno Bedele	33	33	660	660
	<b>Region Total</b>	<b>769</b>	<b>681</b>	<b>15,380</b>	<b>13,620</b>

**APPENDIX III .... Continued**

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
<b>Somali</b>	Siti	27	24	540	480
	Fafan	33	32	660	640
	Jerer	31	31	620	620
	Erer	29	29	580	580
	Korahe	27	26	540	520
	Shebele	31	30	620	600
	Dollo	31	30	620	600
	Afder	31	30	620	600
	Liben	29	29	580	580
	Nogob	22	22	440	440
	Dawa	25	23	500	460
	<b>Region Total</b>	<b>316</b>	<b>306</b>	<b>6,320</b>	<b>6,120</b>
<b>Benishangul_Gumuz</b>	Metekel	30	19	600	380
	Asosa	29	27	580	540
	Kamashi	24	12	480	240
	Mao Komo Special Wereda	20	19	400	380
	<b>Region Total</b>	<b>103</b>	<b>77</b>	<b>2,060</b>	<b>1,540</b>
<b>S.N.N.P</b>	Guraghe	39	36	780	720
	Hadiya	37	37	740	740
	Kembata-Tembaro	32	32	640	640
	Gedio	35	35	700	700
	Wolayita	39	39	780	780
	South Omo	35	34	700	680
	Sheka	27	9	540	180
	Kaffa	37	37	740	740
	Gamo-Goffa	41	40	820	800
	Bench-Maji	35	31	700	620
	Yem Special Wereda	22	22	440	440
	Dawro	32	32	640	640
	Basketo Special Wereda	20	20	400	400
	Konta Special Wereda	24	24	480	480
	Siltie	35	34	700	680
	Alaba Special Wereda	28	25	560	500
	Segen People's Zone	33	29	660	580
	<b>Region Total</b>	<b>551</b>	<b>516</b>	<b>11,020</b>	<b>10,320</b>
<b>Gambella</b>	Agnuak	21	16	420	320
	Nuer	20	17	400	340
	Mejenger	23	22	460	440
	Itang	20	18	400	360
	<b>Region Total</b>	<b>84</b>	<b>73</b>	<b>1,680</b>	<b>1,460</b>
<b>Harari</b>	<b>Harari</b>	<b>30</b>	<b>29</b>	<b>600</b>	<b>580</b>
<b>Dire Dawa</b>	<b>Dire Dawa</b>	<b>30</b>	<b>30</b>	<b>600</b>	<b>600</b>
<b>Sidama</b>	<b>Sidama</b>	<b>46</b>	<b>46</b>	<b>920</b>	<b>920</b>
<b>Country Total</b>		<b>2,768</b>	<b>2,371</b>	<b>55,360</b>	<b>47,420</b>

## **APPENDIX II**

### **Estimation Procedures of Totals, Ratios, and Sampling Errors**

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

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

### 1. For Estimating Total livestock and products:

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

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

Where:

$h$  represents the stratum

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

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

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

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

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

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

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

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

### 2. For Estimating Ratios in stratum $h$ :

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

for characteristic z and x, respectively.

### 3. Sampling Variance of Estimates:

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

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

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

Where,

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

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

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

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

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

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

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

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

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

#### 4. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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

## **APPENDIX III**

### **Survey Questionnaire**



## Annual Agricultural Sample Survey

## Livestock and Beehives Population - 2019/2020 (2013 E.C.)

**Part I - Identification Particulars**

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

**PART II - LIVESTOCK POPULATION AND PRODUCTS****QST I - Did You Have Livestock and/or Beehives on November 10, 2020?**

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
	1	2	3	4	5	6
	4	5	6	7	8	9
	7	8	9	10	11	12
	10	11	12	13	14	15
	13	14	15	16	17	18
	16	17	18	19	20	21
	19	20	21	22	23	24
	22	23	24	25	26	27
	24	25	26	27	28	29
	26	27	28	29	30	31
	28	29	30	31	32	33
	30	31	32	33	34	35
	32	33	34	35	36	37
	34	35	36	37	38	39
	36	37	38	39	40	41
	38	39	40	41	42	43
	40	41	42	43	44	45
	42	43	44	45	46	

**Number of Sheep by Age and Purpose on Nov 10, 2020**

2. Sheep of all ages
- a. Sheep less than 6 months \_\_\_\_\_
- b. Sheep 6 months and less than 1 year \_\_\_\_\_
- c. Sheep 1 year and less than 2 years \_\_\_\_\_
- d. Sheep 2 years and older \_\_\_\_\_
1. Sheep for mutton \_\_\_\_\_
2. Sheep for wool \_\_\_\_\_
3. Sheep for breeding \_\_\_\_\_
4. Sheep for other purposes \_\_\_\_\_
- e. Grand Total \_\_\_\_\_
1. Local breed \_\_\_\_\_
2. Exotic \_\_\_\_\_
3. Hybrid \_\_\_\_\_

None	Total		Male		Female	
	47	50	51	54	49	52
	53				55	
	56				58	
	59				61	
	62				64	
	65				67	
	68				70	
	71				73	
	74				76	
	77				79	
	80				82	
	83				85	
	84					

## **Number of Goats by Age and Purpose on Nov 10, 2020**

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	87	88
	89	90	91
	92	93	94
	95	96	97
	98	99	100
	101	102	103
	104		105
	106	107	108
	109	110	111
	112	113	114
	115	116	117
	118	119	120
	121	122	123

**Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2020**

Horses

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

None

Total	
124	
127	
130	
133	
136	
139	

Male

Female	
126	
129	
132	
135	
138	
141	

Mules

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

None

Total	
142	
145	
148	
151	
154	
157	

Male

Female	
144	
147	
150	
153	
156	
159	

Donkeys

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

None	Total		Male		Female	
	160		161		162	
	163				165	
	166				168	
	169				171	
	172				174	
	175				177	

Camels

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

None	Total		Male		Female	
	178		179		180	
	181				183	
	184				186	
	187				189	
	190				192	
	193				194	
	195				197	
	198				200	

**Poultry**

8. Poultry total on **Nov 10, 2020**

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

None	Total		Indigenous		Hybrid		Exotic	
	201		202		223		204	
	205				207		208	
	209		206					
	213		210		211		212	
	217		214		215		216	
	221		218		219		220	
	225		222		223		224	
			226		227		228	

**QST II- Did You Have Livestock During The Reference Period (Nov 11, 2019 to Nov 10, 2020)?**

Yes=1 No=2

Yes Complete questions below

No – End of the question

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

None	Total
<input type="checkbox"/>	<input type="checkbox"/> 229 <input type="checkbox"/>

a. Traditional Beehives \_\_\_\_\_

	230
	231
	232

b. Intermediate Beehives \_\_\_\_\_

c. Modern Beehives \_\_\_\_\_

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

a. Average honey production/ Traditional hive/harvest \_\_\_\_\_

Number of harvests/Traditional hive/year \_\_\_\_\_

233	
234	
235	
236	
237	
238	

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 \_\_\_\_\_

**Milk, Egg, and Honey Production during the reference period**

11. Dairy cows and Camels

None

- 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 \_\_\_\_\_

	239	
	240	
	241	
	242	
	243	
	244	
	245	
	246	

12. Egg production per hen per clutch \_\_\_\_\_

None

247	
-----	--

248	
-----	--

249	
-----	--

13. Average number of days per clutch \_\_\_\_\_

--

250	
-----	--

251	
-----	--

252	
-----	--

14. Total Number of clutch during the reference period \_\_\_\_\_

 253

 254

 255

**15. Livestock Diseases and Treatments during the Reference Period**

1	2	4			5			5A
		Afflicted/Diseased			Total Treated			How much did you spend on treated animals?(if no fill zero)
Sr. No.	Livestock Type	Total	Male	Female	Total	Male	Female	
1	Cattle							
2	Sheep							
3	Goats							
4	Horses							
5	Donkeys							
6	Mules							
7	Camel							
8	Poultry							

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

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		3A	4	5		6			7			8			9					
Sr. No.	Livestock Type	Total Vaccinated		How much did you spend on vaccinated animals? If not, fill zero	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	5A	
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 &amp; 2 =4 1 &amp; 3=5 2 &amp; 3=6 1, 2, &amp; 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

### Grazing Land and water supply for livestocks

21.	Where have you fed your livestock mostly during the past 12 months? 1 = Only in the pen/house 2 = on grazing land on your property 3 = in the surrounding (common) grazing land 4 = other (specify) 5 = Not Applicable	
22.	Have you used rotation method when feeding your livestock on the grazing land that you own during the last 12 months? 1 = Yes 2 = No 3 = Not Applicable	
23.	Has the local community taken care of your (common) grazing land in the last 12 months? 1 = Yes 2 = No 3 = No common grazing land in the area	
24.	What methods does the local community use to care for common grazing land? 1 = terracing 2. = Planting trees 3 = Kitir/prevention running water 4 = Fencing to keep the soil safe 5 = Free for some time from animal / human contact 6 = Using rotation feeding system 7. = Drainage 8. = Limiting the number of animals using grazing 9 = Other (specify) 10 = Not Applicable	
25	In the last twelve months, most of your livestock have been affected by shortage of drinking water? 1 = moderately affected, 2 = severely affected, 3 = not affected = 4=Not applicable	
26	In the last twelve months, most of your livestock have been affected by shortage of grazing/pasture land? 1 = moderately affected, 2 = severely affected, 3 = not affected = 4=Not applicable	
27.	Where do you get most of the water for your livestock during the rainy months? 1 = pipe water, 2 = Ye chirosh wiha, 3 = protected well , 4 = protected spring, 5 = unsafe spring, 6 = river / lake / pond / stream / dam, 7= rain, 8= unprotected well, 9=Other , 10= Not Applicable	
28.	Where do you get most of the water for your livestock during the dry months? 1 = pipe water, 2 = Ye chirosh wiha, 3 = protected well , 4 = protected spring, 5 = unsafe spring,	

	6 = river / lake / pond / stream / dam, 7= rain, 8= unprotected well, 9=Other , 10= Not Applicable		
29.	From the above (based on main source of water accessibility), how long does it take livestock and back for water source? In hours and minutes).	Hours	Minutes
30.	Who usually care about livestock? (Children are under 15 years old.) 1 = adult female member, 2= female child member, 3= adult male member, 4=male child member		
31.	Total expenditure of livestock care and protection over the past 12 months(Birr)? If no fill zero		