

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

**AGRICULTURAL SAMPLE SURVEY  
2016/17 [2009 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 2016/17 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2016 or Hidar 1, 2009 E.C.) and reference period (November 12, 2015 to November 10, 2016 or Hidar 2, 2008 E.C. to Hidar 1, 2009 E.C.). The report comprises the results obtained from the livestock survey as well as brief discussions made on the results. The survey results at regional and zonal levels for the sedentary rural areas are presented in Statistical Tables 3.1 - 3.30. The standard errors (SE) and coefficients of variation (CV) are given in Annex Tables 1 – 10, for some variables.

## **1.2 OBJECTIVES OF THE SURVEY**

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



## **CHAPTER II**

### **SURVEY METHODOLOGY AND OPERATIONS**

#### **2.1 COVERAGE**

The 2016/17 (2009 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except the non-sedentary population of three zones of Afar & six zones of Somali region.

To be covered by the survey, a total of 2,247 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 19 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,228 EAs (99.15%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 67,410 agricultural households, however, 66,673 (98.91%) were actually covered by the survey.

#### **2.2 SAMPLING FRAME**

The list containing EAs of all regions and their respective agricultural households obtained from the 2007 (1999 E.C). Population and Housing Census Frame was used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Second stage sampling units households, on the other hand, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey

#### **2.3 SAMPLE DESIGN**

A two stage stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were enumeration areas and second stage sampling units were agricultural households. Each zones/special wereda of

the four regions (Tigray, Amahara, Oromiya and SNNP) was further stratified in to three agro-ecologies (Kolla, Dega and Weyina Dega). Except Harari and Dire Dawa, where each region as a whole is considered to be the domain of estimation, every zone/special wereda in each region was taken as a stratum for which major findings of the survey are reported.

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

<b>Region</b>	<b>Number of Zones/ Strata</b>	
	<b>Total</b>	<b>Covered</b>
Tigray	<b>5</b>	<b>5</b>
Afar	<b>5</b>	<b>2</b>
Amhara	<b>11</b>	<b>11</b>
Oromiya	<b>17</b>	<b>17</b>
Somalie	<b>9</b>	<b>3</b>
Benishangul Gumuz	<b>4</b>	<b>4</b>
S.N.N.P.R	<b>18</b>	<b>18</b>
Gambela	<b>4</b>	<b>4</b>
Hareri	<b>1</b>	<b>1</b>
Dire Dawa	<b>1</b>	<b>1</b>
<b>Total</b>	<b>75</b>	<b>66</b>

## **2.4 SELECTION SCHEME**

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of households of EAs obtained from the 2007 (1999 E.C) Population and Housing Census. Within each sample EA 30 agricultural households were selected systematically from the fresh list of households prepared at the beginning of the survey.

Distribution of sampling units (sampled and covered EAs) by stratum is also presented in Appendix-I. Moreover, estimation procedures of different estimates are provided in the Appendix II. Estimates of Standard Errors and Coefficient of Variations for selected estimates are also presented in the *Annex Tables 1-10*.

## 2.5 BASIC CONCEPTS AND DEFINITIONS

It is thought essential that the definitions used for some key terms in the survey should be laid open and these are given as follows.

***Enumeration Area (EA):*** An enumeration area in rural parts of the Country is a locality that is less than or equal to a farmer's association area and usually consists of 150-200 households.

***Households:*** A household may be either;

a) A one person household, that is a person who makes provision for his own food or other essentials for living without combining with any other person to form part of a multi person household or

b) A multi person household, that is, a group of two or more persons who live together and make common provision for food or other essentials for living. The persons in the group may pool their incomes and have a common budget to greater or lesser extent. They may be related or unrelated persons, or a combination of both.

***Agricultural Households:*** A household is considered an agricultural household when at least one member of the household is engaged in growing crops and /or breeding and raising livestock in private or in partnership with others.

***Holder:*** A holder is a person who exercises management control over the operations of the agricultural holding and takes the major decision regarding the utilization of the available resources. He also has technical and economic responsibility for the holding. He may operate the holding directly as an owner or as a manager.

Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without help of others, operates land or raises livestock in

his own right, i.e. the person who decides on what, when, where and how to grow crops or raise livestock and has right to determine the utilization of the products.

***Holding:*** A holding is all the land and/or livestock kept which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone, or with others, without regard to title, legal form, size or location.

***Draught Animal:*** For this survey, it refers to animals that are engaged in activities such as ploughing, threshing... etc.

***Dairy Cow:*** Refers to any type of cow used to give milk previously and/or provide milk currently or have never given milk before and pregnant now. Heifers are not included in this category.

***Milking Cow:*** Refers to cows actually milked during the year, Nov 12, 2015 to Nov 10, 2016.

***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 12, 2015 to Nov 12, 2016.

***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**

Twenty five Statistical Branch Offices of the CSA participated in the survey undertaking, especially in organizing the second stage training, in deploying the

field staff to their respective sites of assignment, and retrieving completed questionnaires and submitting them to the head office for data processing. They were also responsible in administering the financial and logistic aspect of the survey within the areas of their assignment. In the data collection, enumerators and field supervisors were involved with an average supervisor-enumerator ratio of 1 to 4. To accomplish the data collection operation, all the enumerators were supplied with the necessary survey equipment at the completion of the training. To assist the data collection activities in deployment, supervision, and retrieval of completed questionnaires, reasonably adequate four-wheel vehicles were used.

## **2.7 TRAINING OF FIELD STAFF**

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

## **2.8 METHOD OF DATA COLLECTION**

In each selected site, a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was November 10, 2016 (Hidar 1/2009 E.C.).

## **2.9 DATA PROCESSING**

### **2.9.1 Editing, Coding, and Verification**

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

### **2.9.2 Data Entry, Cleaning, and Processing**

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

## **CHAPTER III**

### **SUMMARY OF THE SURVEY RESULTS**

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

The 2016/17 livestock survey has covered the rural sedentary areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 2016), irrespective of ownership, were recorded by interviewing each holder within the selected agricultural households in the sampled enumeration areas of the country. The numbers also include the livestock belonging to the holding but temporarily away or in transit at the time of the enumeration.

##### **3.1.1 Cattle Population**

The estimates of cattle for the rural sedentary areas at country level are presented in Summary Table III.1. As shown on the table, the total cattle population for the country is estimated to be about 59.5 million. Out of this total cattle population, the female cattle constitute about 55.5 percent and the remaining 44.5 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 62.95 percent) is in the 3 years and less than 10 years age category, with about 27.48 percent male and about 34.47 percent female. Moreover, about 16.75 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 2.25 percent of the total estimated number of cattle population (also see Fig III.1).

On the other hand, the results obtained indicated that 98.20 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 1.62 percent and 0.18 percent, respectively. Moreover,

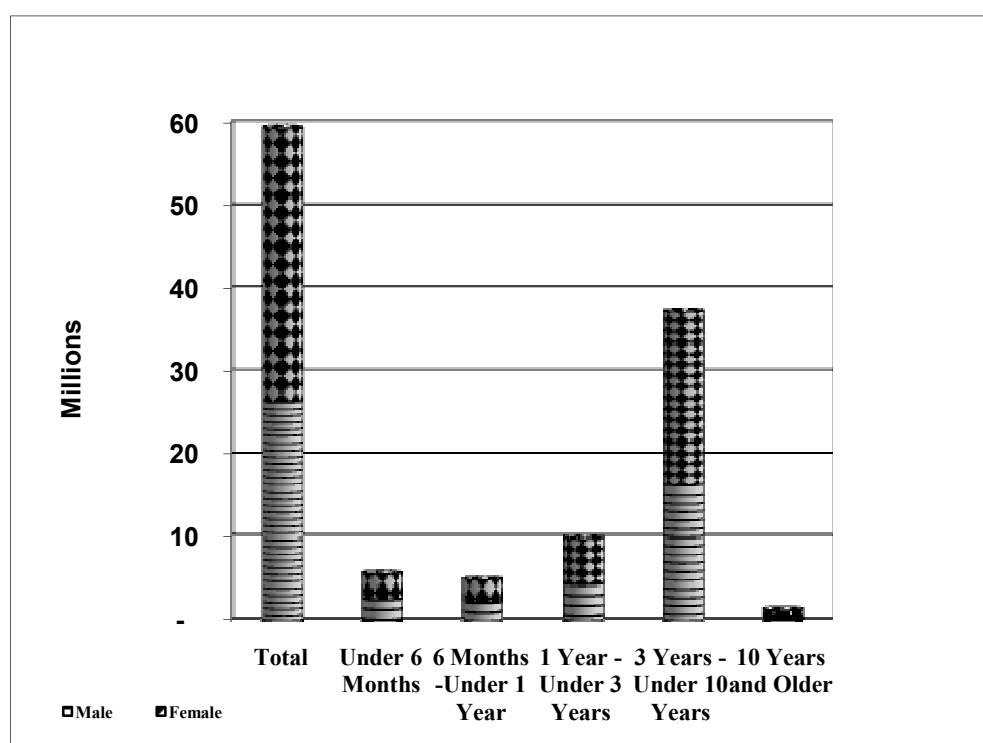
distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 24.87 percent and the percentage share of beef cattle is the lowest that is about 0.80 percent. Beef cattle here refer to all cattle reared exclusively 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 - 2016/17

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total .....	59,486,667	100	26,478,378	44.51	33,008,289	55.49
Under 6 months .....	5,711,711	9.6	2,694,282	4.53	3,017,429	5.07
6 months - under 1 year .....	5,026,669	8.45	2,340,233	3.93	2,686,435	4.52
1 year – under 3 years .....	9,963,210	16.75	4,424,486	7.44	5,538,724	9.31
3 years – under 10 years .....	37,445,031	62.95	16,344,151	27.48	21,100,880	35.47
10 years and older .....	1,340,047	2.25	675,225	1.14	664,822	1.12
Cattle by Breed						
Total .....	59,486,667	100	26,478,378	44.51	33,008,289	55.49
Indigenous .....	58,413,573	98.2	26,080,049	43.84	32,333,524	54.35
Hybrid .....	964,698	1.62	356,887	0.6	607,811	1.02
Exotic .....	108,397	0.18	41,442	0.07	66,954	0.11
Aged 3 – 10 Years by Purpose						
Total .....	37,445,031	62.95	16,344,151	27.48	21,100,880	35.47
Used for Milk .....	7,155,114	12.03			7,155,114	12.03
Used for Draught .....	14,796,855	24.87	14,645,544	24.62	151,311	0.25
Used for Beef .....	477,265	0.8	402,614	0.68	74,651	0.13
Used for Breeding .....	13,602,141	22.87	780,832	1.31	12,821,309	21.55
Used for Other .....	1,413,656	2.38	515,161	0.87	898,495	1.51
Dairy Animals						
Dairy Cows .....	7,155,114	12.03			7,155,114	12.03
Milking Cows .....	11,833,179	19.89			11,833,179	19.89



FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



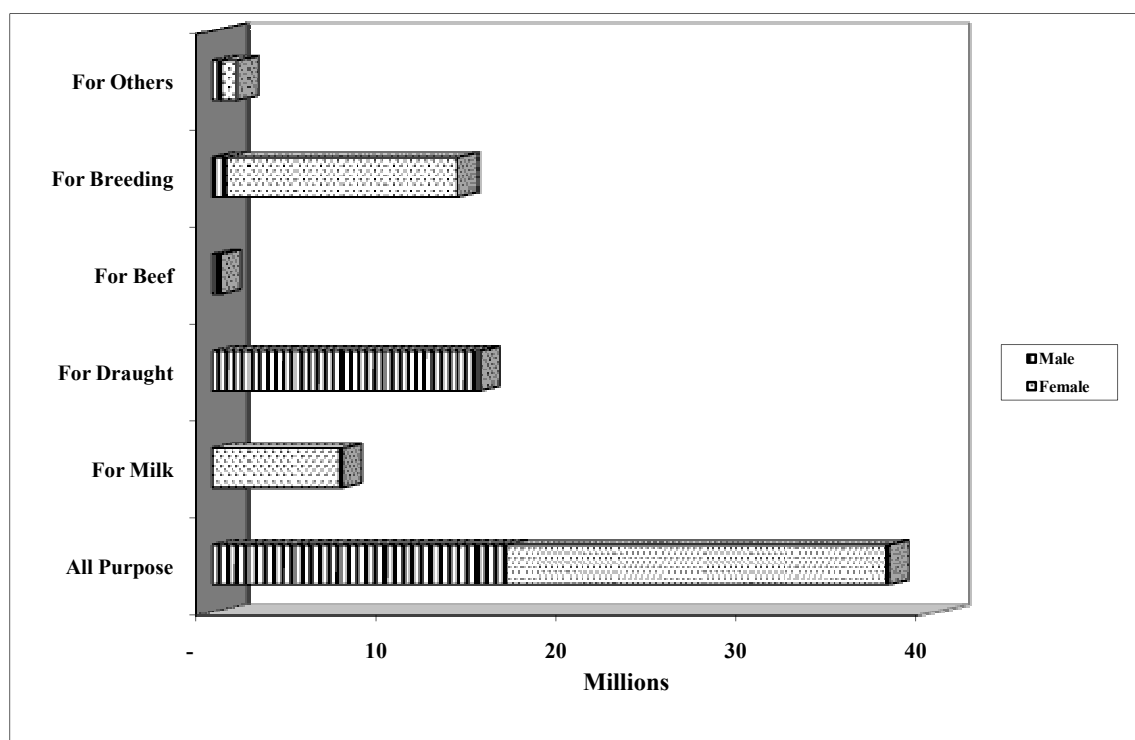
Dairy-cows<sup>1</sup> are estimated to be around 7.16 million and milking-cows<sup>2</sup> are about 11.83 million heads during the reference period.

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

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

<sup>2</sup>A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 12, 2015 to Nov. 10, 2016).

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



### 3.1.2 Sheep And Goat Populations

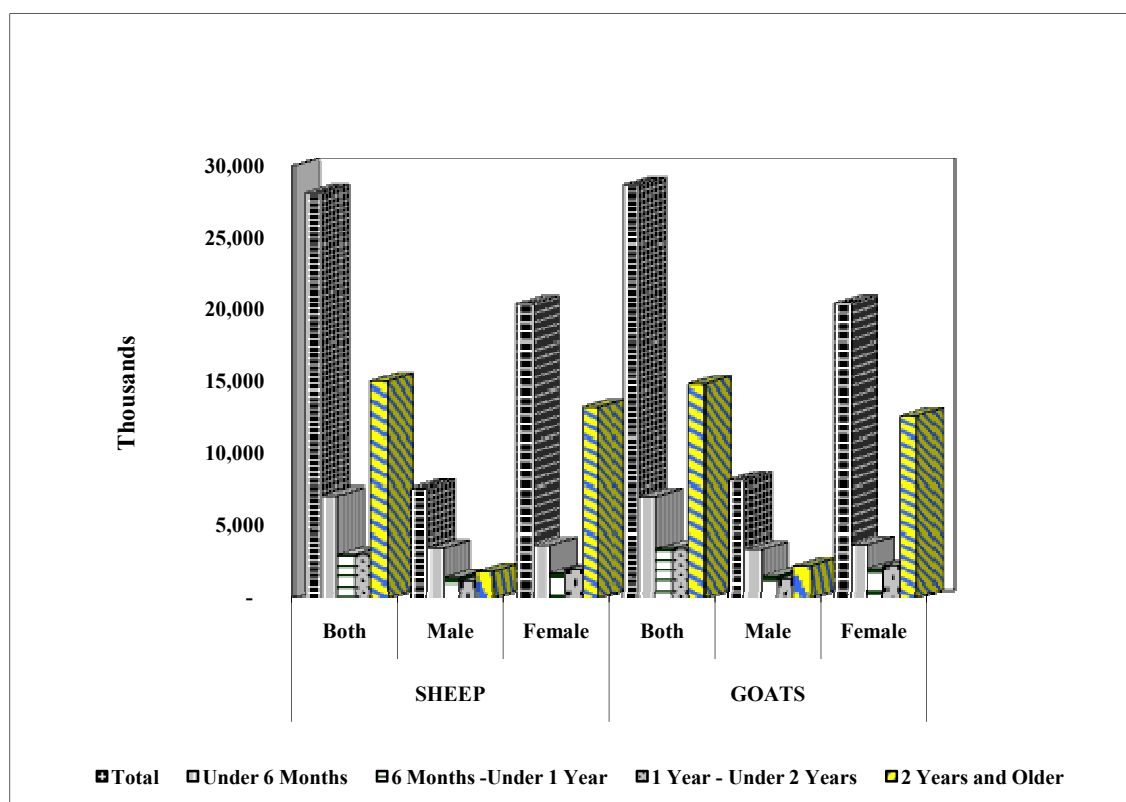
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 30.70 million sheep are estimated to be found in the country, out of which about 72.14 percent are females, and about 27.86 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 30.20 million. Out of these total goats, 70.61 percent are females and about 29.39 percent are males (see Summary Table III. 2 and Figure III. 3).

SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed,  
and Purpose, Ethiopia - 2016/17

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep .....	30,697,942	100	8,552,284	27.86	22145658	72.14
Under 6 months.....	8,050,597	26.23	3,912,226	12.74	4138371	13.48
6 months - under 1 year .....	3,330,041	10.85	1,460,876	4.76	1869165	6.09
1 year - under 2 years.....	3,352,705	10.92	1,238,304	4.03	2114401	6.89
2 years and older .....	15,964,599	52.01	1,940,878	6.32	14023721	45.68
Sheep by Breed						
Total.....	30,697,942	100	8,552,284	27.86	22145658	72.14
Indigenous.....	30,612,976	99.72	8,514,579	27.74	22098397	71.99
Hybrid .....	66,277	0.22	32,126	0.1	34152	0.11
Exotic.....	18,688	0.06	5,579	0.02	13109	0.04
Sheep Aged 2 Years and Older by Purpose						
Total.....	15,964,599	52.01	1,940,878	6.32	14023721	45.68
Used for Mutton.....	797,459	2.6	715,123	2.33	82336	0.27
Used for Wool.....	68,212	0.22	11,054	0.04	57158	0.19
Used for Breeding.....	14,901,484	48.54	1,129,683	3.68	13771801	44.86
Used for Other .....	197,443	0.64	85,018	0.28	112426	0.37
Total Goats .....	30,200,226	100	8,874,465	29.39	21325761	70.61
Under 6 months...	7,304,266	24.19	3,444,111	11.4	3860155	12.78
6 months - under 1 year .....	3,585,224	11.87	1,474,872	4.88	2110351	6.99
1 year - under 2 years.....	4,072,195	13.48	1,460,811	4.84	2611384	8.65
2 years and older .....	15,238,542	50.46	2,494,672	8.26	12743870	42.2
Goats by Breed						
Total.....	30,200,226	100	8,874,465	29.39	21325761	70.61
Indigenous.....	30,191,113	99.97	8,871,652	29.38	21319461	70.59
Hybrid .....	*	*	*	*	*	*
Exotic.....	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total.....	15,238,542	50.46	2,494,672	8.26	12743870	42.2
Used for Milk.....	1,259,412	4.17			1259412	4.17
Used for Meat .....	779,462	2.58	725,971	2.4	53491	0.18
Used for Breeding.....	13,100,176	43.38	1,695,011	5.61	11405165	37.77
Used for Other .....	99,492	0.33	73,689	0.24	25802	0.09

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (52.01 percent and 50.46 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26.23 percent and 24.19 percent, correspondingly (see Figure III.3).

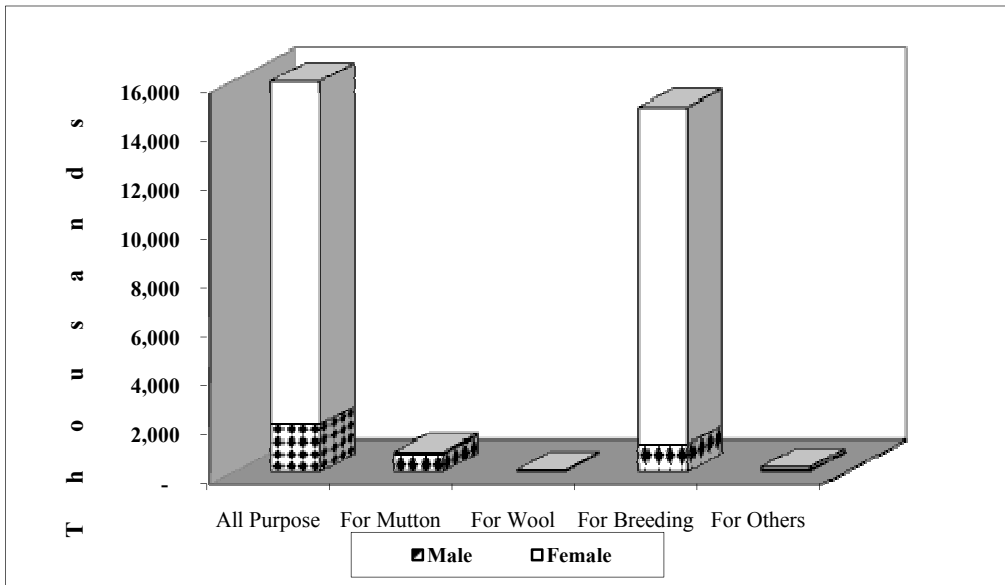
**FIGURE III.3 DISTRIBUTION OF SHEEP AND GOATS BY AGE AND SEX**



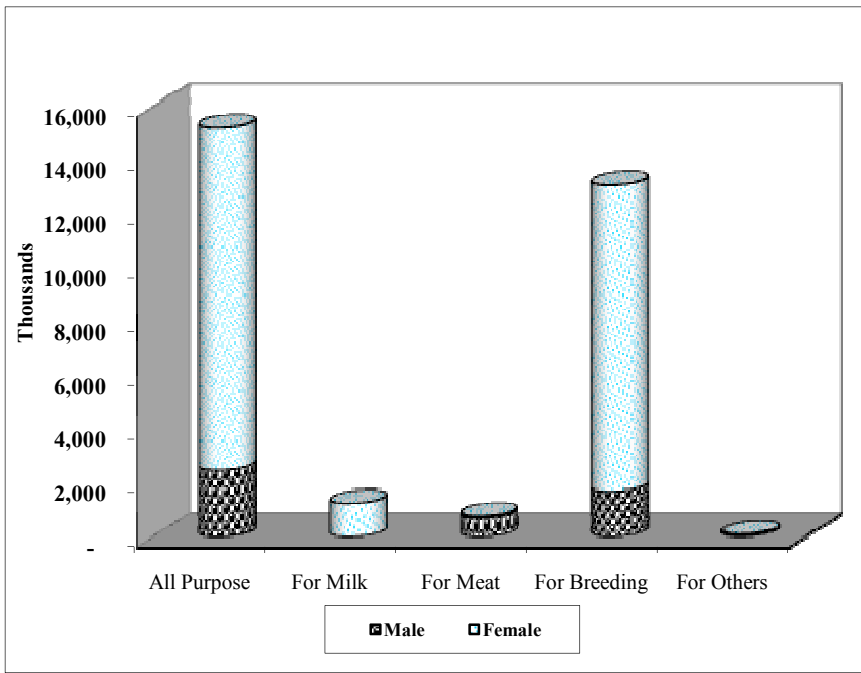
With respect to breed, almost all of the sheep and the goats are indigenous (99.72 percent and 99.97 percent, respectively).

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 higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (52.01 % of the total sheep), 48.54 percent are kept for breeding; about 2.60 percent for mutton and less than one percent of them were kept for wool production. Likewise, among the goat population aged two years and older (50.46 % of the total), goats kept for breeding accounted for about 43.38 percent while goats kept for meat accounted for 2.58 percent. The number of female goats kept for milk at country level is estimated to be about 1.26 million, which is 4.17 percent of the total goats (see Figures III.4 and III.5).

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



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



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

### **3.1.3 Horse, Donkey, Mule And Camel Populations**

Summary Table III.3 shows the estimates of horses, donkeys, mules, and camels for the rural sedentary areas of the country for private holdings. As per the survey results, there are about 2.16 million horses, 8.44 million donkeys, 0.41 million mules, and about 1.21 million camels in the sedentary areas of the country.

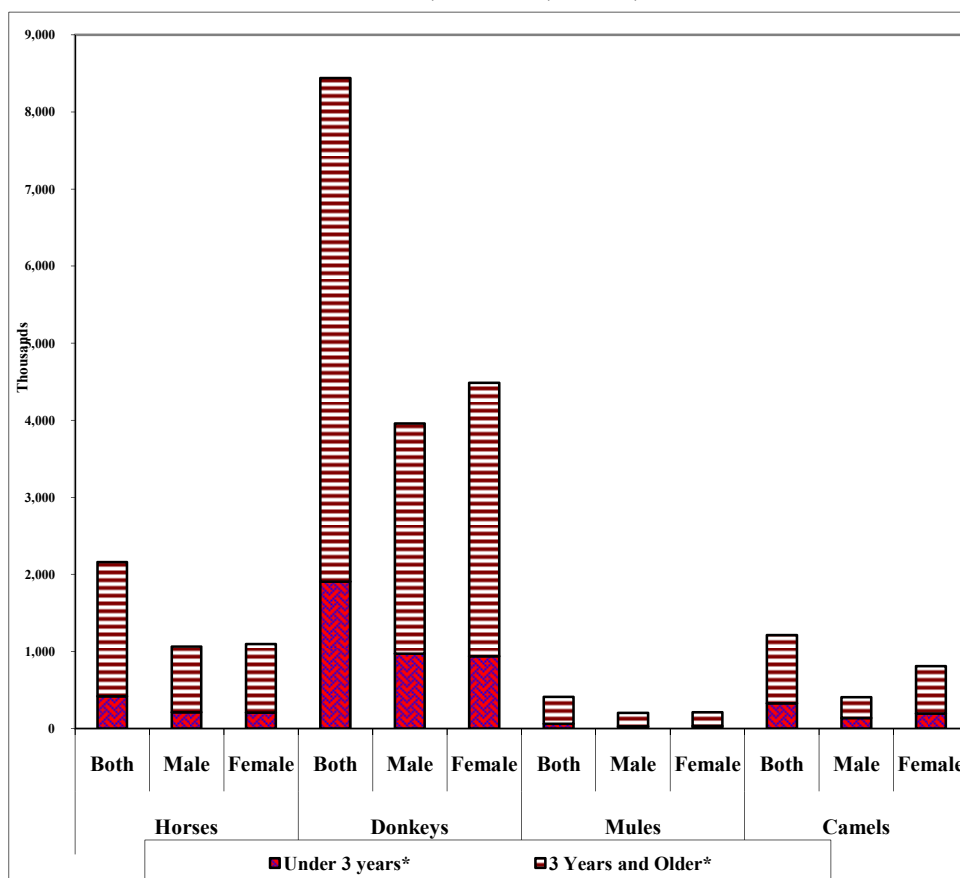
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 53.11 percent are females and the remaining 46.89 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 73.09 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 1.37 million were used for transportation, 0.27 million were for draught and the remaining 0.16 million were used for other purposes. With regard to donkeys, about 5.41 million were used for transportation whereas about 0.95 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 - 2016/17**

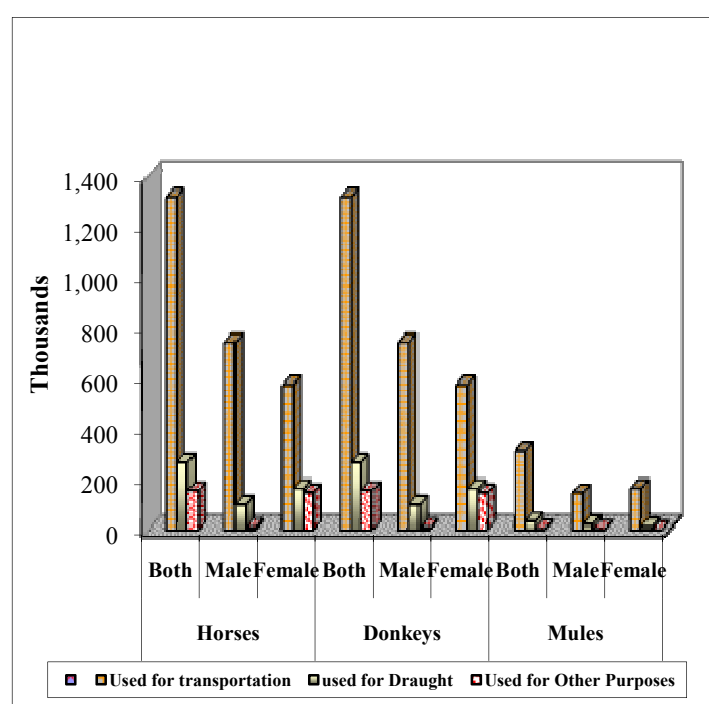
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses .....	2,158,176	100	1,062,517	49.23	1,095,659	50.77
Under 3 Years .....	414,861	19.22	208,180	9.65	206,681	9.58
3 years and older .....	1,743,315	80.78	854,337	39.59	888,978	41.19
Horses Aged 3 Years and Older by Purpose						
All Uses .....	1,743,315	80.78	854,337	39.59	888,978	41.19
Transportation .....	1,318,994	61.12	743,632	34.46	575,362	26.66
Draught .....	267,009	12.37	101,418	4.7	165,592	7.67
Other Uses .....	157,312	7.29	9,287	0.43	148,025	6.86
Total Donkeys .....	8,439,220	100	3,956,898	46.89	4,482,323	53.11
Under 3 Years .....	1,903,811	22.56	969,529	11.49	934,283	11.07
3 years and older .....	6,535,409	77.44	2,987,369	35.4	3,548,040	42.04
Donkeys Aged 3 Years and Older by Purpose						
All Uses .....	6,535,409	77.44	2,987,369	35.4	3,548,040	42.04
Transportation .....	5,409,067	64.09	2,557,448	30.3	2,851,619	33.79
Draught .....	951,294	11.27	394,214	4.67	557,081	6.6
Other Uses .....	175,048	2.07	35,708	0.42	139,340	1.65
Total Mules .....	409,877	100	198,924	48.53	210,953	51.47
Under 3 Years .....	57,648	14.06	26,199	6.39	31,448	7.67
3 years and older .....	352,229	85.94	172,725	42.14	179,504	43.79
Mules Aged 3 Years and Older by Purpose						
All Uses .....	352,229	85.94	172,725	42.14	179,504	43.79
Transportation .....	313,450	76.47	147,422	35.97	166,028	40.51
Draught .....	33,627	8.2	22,010	5.37	11,617	2.83
Other Uses .....	5,152	1.26	3,293	0.8	-	-
Total Camels .....	1,209,321	100	403,248	33.34	806,073	66.66
Under 4 Years .....	325,434	26.91	132,762	10.98	192,672	15.93
4 years and older .....	883,887	73.09	270,486	22.37	613,401	50.72
Camels Aged 4 Years and Older by Purpose						
All Uses .....	883,887	73.09	270,486	22.37	613,401	50.72
Meat .....	23,060	1.91	9,938	0.82	*	*
Milk .....	279,999	23.15			279,999	23.15
Transportation .....	251,642	20.81	208,279	17.22	43,363	3.59
Draught .....	20,627	1.71	17,666	1.46	*	*
Other Uses .....	308,558	25.51	34,602	2.86	273,956	22.65

**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

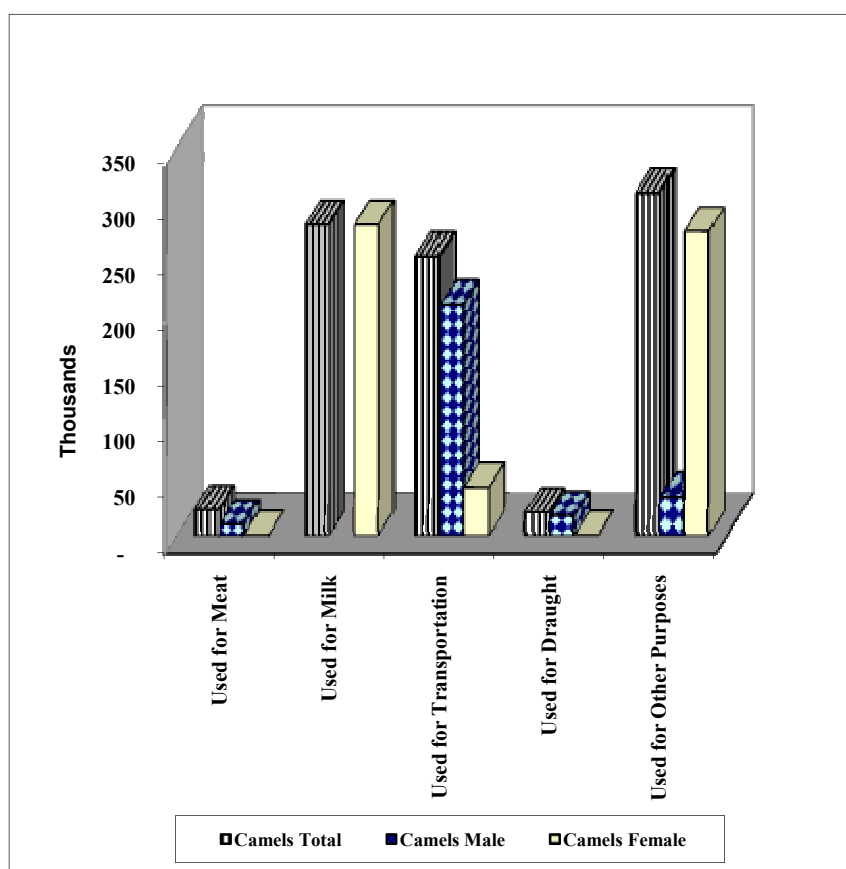
**FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX**



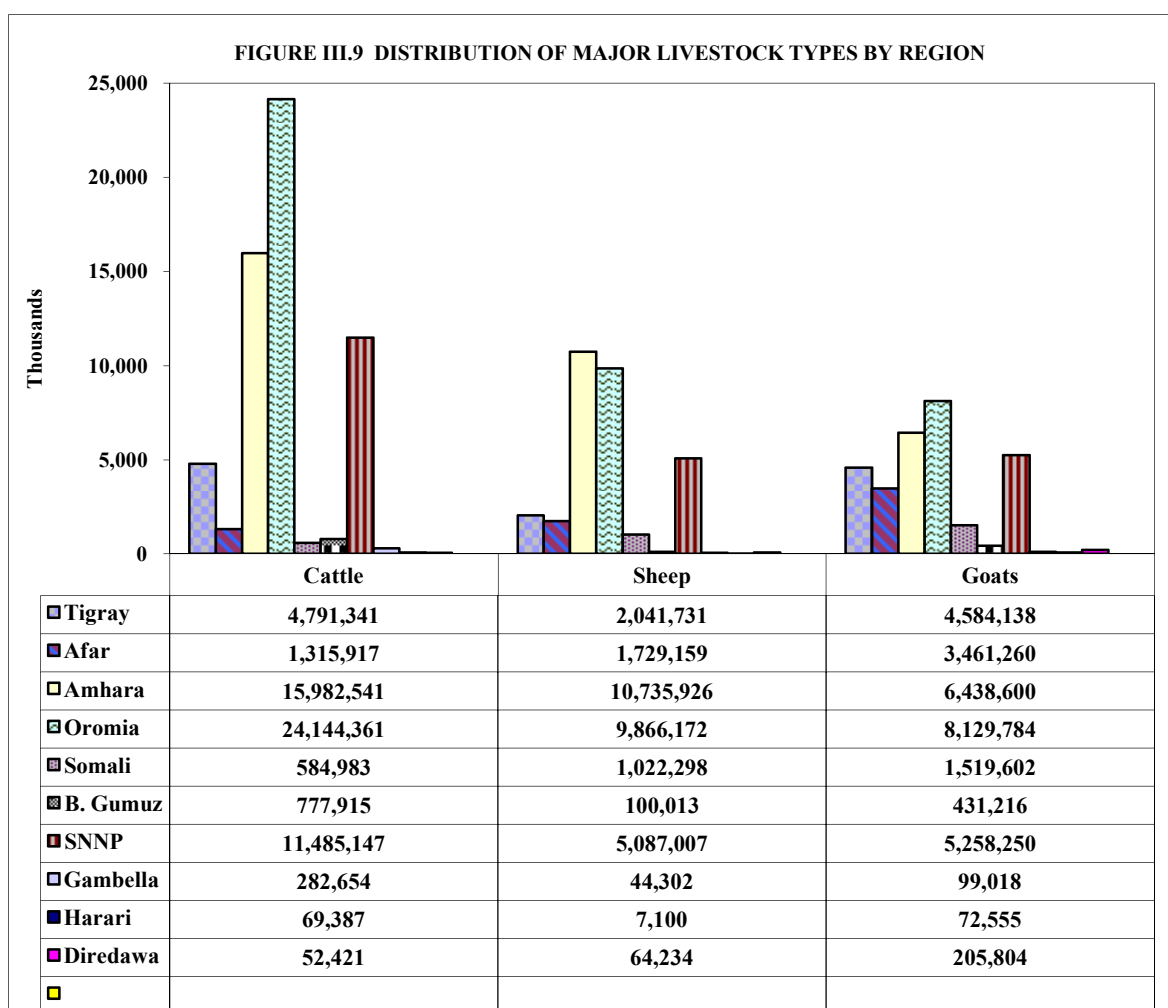


Considering the purpose of the mules, the data shows that the predominance (76.47%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 23.15 percent of the camels reported were kept for milk, 20.81 percent were for transportation, and only 1.71 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 23.06 thousand heads (see also Figures III.6 to III.8).

**FIGURE III.8 DISTRIBUTION OF CAMELS BY PURPOSE AND SEX**



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



### 3.1.4 Poultry Population

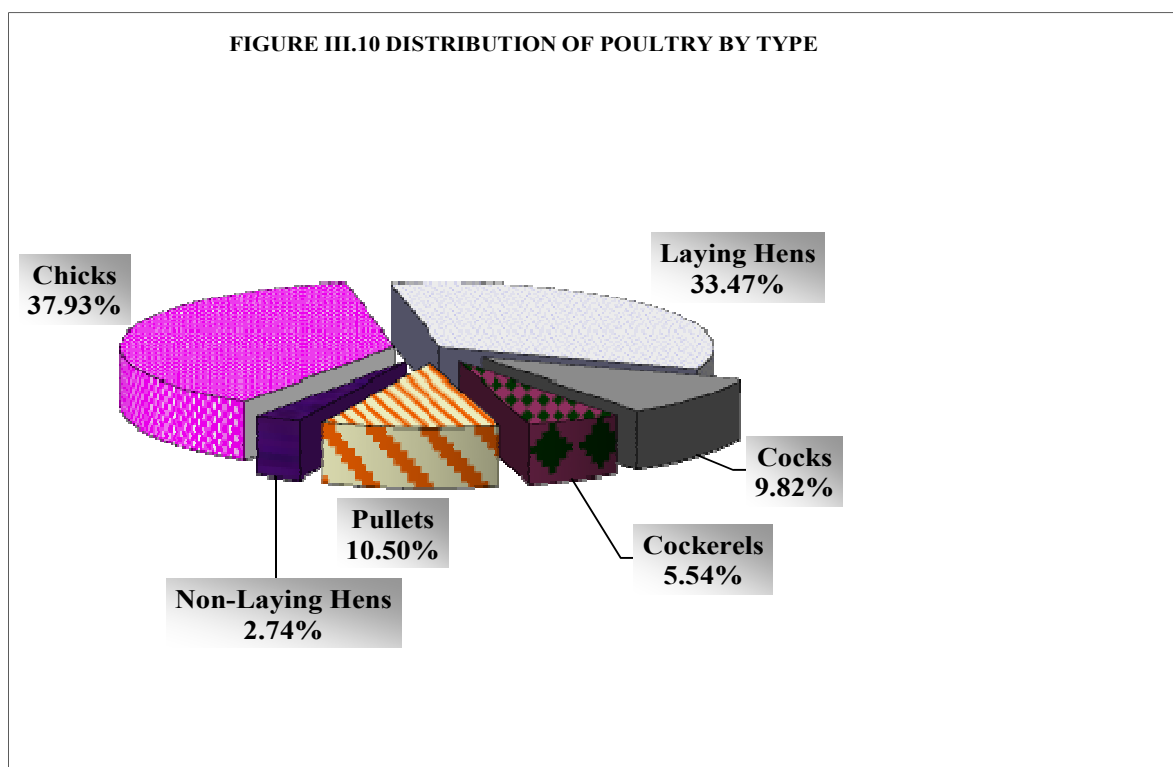
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 56.53million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (41.35 percent), followed by laying hens (32.18 percent). Pullets are estimated to be about 5.85 million in the country. Cocks and cockerels are also estimated separately, and are 5.32 million and about 3.11 million, respectively. The others are non-laying hens that make up about 2.53 percent (1.51 million) of the total poultry population in the country. With regard to breed, 94.31 percent, 3.21 percent and 2.49 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 - 2016/17

Type of Poultry	All		Indigenous		Exotic		Hybrid	
	Number	%	Number	%	Number	%	Number	%
All Poultry .....	59,495,026	100	54,053,925	90.85	2,610,482	4.39	2,830,619	4.76
Cocks .....	5,842,973	9.82	5,282,575	8.88	258,287	0.43	302,111	0.51
Cockerels .....	3,296,265	5.54	2,997,315	5.04	101,860	0.17	197,090	0.33
Pullets .....	6,246,339	10.5	5,416,423	9.1	436,711	0.73	393,205	0.66
Non-Laying Hens.....	1,628,833	2.74	1,506,439	2.53	58,759	0.1	63,636	0.11
Chicks .....	22,568,332	37.93	21,498,960	36.14	239,614	0.4	829,758	1.39
Laying Hens.....	19,912,284	33.47	17,352,213	29.17	1,515,251	2.55	1,044,820	1.76

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 Taddesse, 1993 E.C.).

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

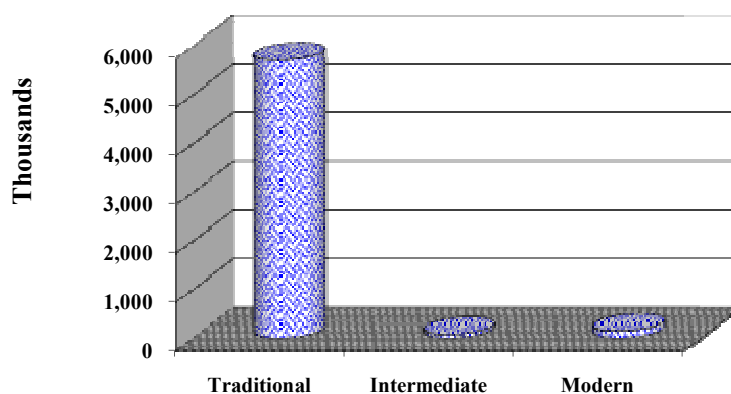
*Modern Hive [Hive with Frames]* is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 12, 2015 to November 10, 2016). Accordingly, the result of the survey revealed that a total of about 6.19 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (95.37 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,  
Ethiopia - 2016/17

Type of Beehive	Number	%
All Beehives .....	6,189,329	100
Traditional Beehives .....	5,902,624	95.37
Intermediate Beehives .....	80,832	1.31
Modern Beehives .....	205,873	3.33

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 87.85 million chickens, 11.98 million sheep, 12.29 million goats and 10.98 million cattle were born during the reference period in the rural sedentary areas of the country. Females accounted for the greater portions of most of the newly born animals (see Summary Table III.6).

With regard to other acquisitions, households have purchased about 24.75 million animals (either to build their stock or for some other reasons) and acquired about 2.17 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 - 2016/17

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle .....	10,978,342	5,333,104	5,645,238	4,644,509	2,886,838	1,757,672	717,786	295,702	422,084
Sheep.....	12,286,655	5,919,271	6,367,384	4,688,389	2,554,611	2,133,778	489,444	106,481	382,964
Goats .....	11,739,864	5,372,242	6,367,622	2,570,439	1,057,749	1,512,689	349,449	69,757	279,692
Horses.....	151,104	78,553	72,551	199,418	120,413	79,005	12,934	3,585	9,349
Donkeys .....	633,954	324,377	309,578	745,074	435,511	309,563	31,745	12,820	18,925
Mules.....	47,225	19,337	27,888	63,778	32,698	31,079	1,557	997	*
Camels.....	193,349	73,407	119,943	39,019	30,862	8,157	4,079	1,688	2,390
Poultry .....	87,847,941	41,889,089	45,958,853	11,799,499	5,091,909	6,707,590	563,189	126,608	436,581

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

The estimated numbers of sales, slaughters, deaths and offered animals are indicated in Summary Table III.7. About 13.57 million chickens, 6.85 million sheep, 6.37 million cattle and about 5.35 million goats were sold and about 21.81 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 74.94 million animals and households have also offered about 1.92 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 - 2016/17

Type of Livestock	Number of Sales			Number of Slaughters			Number of Deaths*			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle .....	6,367,410	3,976,047	2,391,363	499,841	269,830	230,011	3,925,952	1,519,213	2,406,738	672,304	266,925	405,379
Sheep.....	6,852,191	3,832,420	3,019,771	3,539,278	2,609,365	929,913	4,989,677	1,577,148	3,412,528	335,190	105,670	229,520
Goats .....	5,352,324	2,776,659	2,575,665	2,421,576	1,606,541	815,035	5,582,924	1,870,529	3,712,395	324,948	88,581	236,367
Horses.....	137,000	88,438	48,562				140,178	67,775	72,403	8,850	3,598	5,252
Donkeys .....	451,115	255,434	195,681				455,617	210,521	245,096	20,432	11,494	8,938
Mules.....	40,653	18,845	21,808				47,381	21,196	26,185	988	*	*
Camels.....	61,671	43,700	17,971	4,625	3,245	1,380	118,396	37,758	80,638	4,353	1,124	3,229
Poultry .....	13,574,737	7,385,738	6,188,999	15,339,804	9,347,892	5,991,911	59,681,274	26,507,955	33,173,319	548,249	192,357	355,892

\* Includes animals that died from diseases and other causes



### 3.4 LIVESTOCK PRODUCTS

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

#### 3.4.1 Milk Production

Estimation of milk production entails three components, namely number of milking cows, number of months milking cows actually milked within the reference period and average milk production per cow per day. Hence, data on these components have been collected and the total milk production in the sedentary areas of the country is estimated by multiplying these three components. However, two basic concepts about milk production should be mentioned here. “Gross production”, which includes whole fresh milk actually milked and milk sucked by young animals and also milk fed to other animals. “Net production” consists of whole milk actually milked and milk fed to other animals but excludes milk sucked by young animals. Therefore, in the case of this survey, milk production is estimated based on the concept of “net production”, and as indicated in Summary Table III.8, the estimate of total cow milk production for the rural sedentary areas of the country during the reference period, is about 3.1 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 179.66 million liters.

Data on lactation period and average milk yield per cow per day were also collected. As a result, the average lactation period per cow during the reference period at country level is estimated to be about *six* months, and average milk yield per cow per day is about 1.37 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 3.59 liters in the sedentary areas of the country.

### **3.4.2 Honey Production**

To estimate honey production, number of hives, frequency of honey production and honey production per harvest are required. Therefore, these data were collected from the holders within sampled households in the rural sedentary areas of the country. As a result, the estimate of total honey production is about 47.71 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 1.64, 1.94, and 1.58 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 127.57 million (Summary Table III.8). Average egg-laying period per hen and average number of eggs laid per hen during the reference period are also estimated for local, hybrid and exotic breeds. Consequently, the average number egg-laying period per hen per year is about 4, 5 and 1 for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 21, 42 and 159 days for local, hybrid and exotic breeds, in that order. The average number of eggs laid per hen per egg- laying period in the country is about 12, 35 and 137 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,  
Ethiopia - 2016/17**

Item	Quantity Produced and Frequency		
<b>Milk Production</b>			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...	1.373		
Average Lactation Period (Months).....	6		
Total Milk Production (Liters) .....	3,134,181,317		
Camel Milk			
Average Daily Milk Production (Liters/Camel)...	3.586		
Average Lactation Period (Months).....	9		
Total Milk Production (Liters) .....	179,658,966		
<b>Honey Production</b>			
All Types of Beehives (Number).....	6,189,329		
Production (Kilograms).....	47,706,101		
Average Frequency (Harvests/Year).....	1.64		
Traditional Beehives (Number).....	5,902,624		
Production (Kilograms).....	42,927,921		
Average Frequency (Harvests/Year).....	1.64		
Intermediate Beehives (Number).....	80,832		
Production (Kilograms).....	2,036,969		
Average Frequency (Harvests/Year).....	1.94		
Modern Beehives (Number).....	205,873		
Production (Kilograms).....	2,741,211		
Average Frequency (Harvests/Year).....	1.58		
<b>Egg Production</b>	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year .....	4	5	-
Average Length of a Period (in days).....	21	42	159
Average Number of Eggs/Hen/Period.....	12	35	137
Total Egg Production (Number).....	92,692,202	12,747,424	22,126,477

### **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 - 2016/17**

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax <sup>3</sup>	Blackleg <sup>4</sup>	Pleuro-Pneumonia <sup>5</sup>	Hemorrhagic Septicemia <sup>6</sup>	Others
Cattle.....	35,048,631	11,118,742	11,599,772	3,665,966	5,421,624	3,242,527
Sheep.....	9,095,822	1,732,233	1,278,536	1,420,648	2,620,245	2,044,159
Goats .....	8,870,980	1,740,325	1,736,443	1,323,675	2,658,046	1,412,491
Camels .....	99,714	19,620	27,899	26,098	18,619	7,478
Total	53,115,147	14,610,920	14,642,650	6,436,387	10,718,534	6,706,656

**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and  
Treated, Ethiopia - 2016/17**

Item	Number	%
Total Afflicted.....	57,609,562	100
Cattle .....	9,656,287	16.76
Sheep .....	6,207,510	10.78
Goats .....	5,999,030	10.41
Horses, Donkeys, and Mules .	1,360,980	2.36
Camels.....	133,206	0.23
Poultry .....	34,252,550	59.46
Total Treated .....	16,648,328	100
Cattle .....	6,569,918	39.46
Sheep .....	2,775,162	16.67
Goats .....	2,036,292	12.23
Horses, Donkeys, and Mules .	822,079	4.94
Camels.....	28,019	0.17
Poultry .....	4,416,859	26.53

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 53.12 million. Out of these animals, about 65.99 percent were cattle followed by sheep, which took about 17.12 percent share. Goats also accounted for about 16.70 percent of the total vaccinated animals. The survey results revealed that about 99.71 thousand camels was vaccinated during the reference period.

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

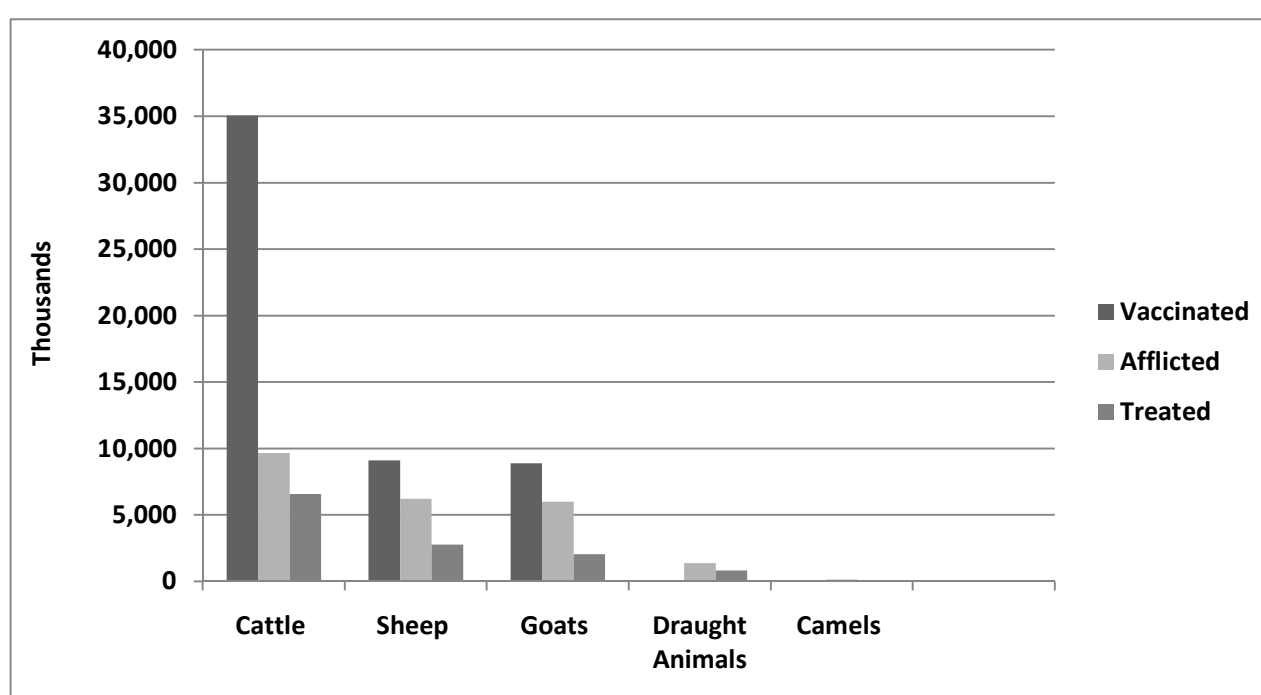
<sup>4</sup> Blackleg- is an infectious bacterial disease of farm animals that causes swellings on the legs.

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

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

As indicated in Summary Tabel III.9b, about 57.61 million animals were diseased / afflicted by different types of diseases during the reference period and only about 16.65 million of them were treated. The cattle constituted about 39.46 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

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



### 3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK<sup>7</sup>

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

Most of the holdings, about 50.82 percent, reported one to four cattle and considerable portion (20.84 percent) of the holdings possess five to nine cattle. About 22.70 percent of

<sup>7</sup> The measures of size used for classification were adapted from FAO recommendation (2005).

the total holdings were also without cattle during the reference date (Summary Table III.10a).

Summary Table III.10a: Number of Holdings by Size of Cattle,  
Ethiopia - 2016/17

Size	Number of Holdings	%
All Holdings.....	17,165,191	100
Holdings with no Cattle...	3,897,068	22.7
1-2 Head.....	4,440,460	25.87
3-4 Head.....	4,282,402	24.95
5-9 Head.....	3,577,019	20.84
10-19 Head.....	819,469	4.77
20-49 Head.....	133,766	0.78
50-99 Head.....	9,705	0.06
100-199 Head.....	4,233	0.02
>=200 Head.....	1,069	0.01

The result of the survey also revealed that about 20.99 percent and 15.37 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 65.85 percent and about 73.36 percent have reported no sheep and no goat, correspondingly (see Summary Table III.10b).

Summary Table III.10b: Number of Holdings by Sizes of Sheep and Goats,  
Ethiopia – 2016/17

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	17,165,191	100	17,165,191	100
Holdings with no Sheep/Goats.	11,304,092	65.85	12,592,153	73.36
1-4 Head.....	3,603,065	20.99	2,638,059	15.37
5-9 Head.....	1,553,949	9.05	1,193,213	6.95
10-49 Head.....	685,320	3.99	703,155	4.1
50-99 Head.....	14,695	0.09	24,380	0.14
100-199 Head.....	3,116	0.02	8,732	0.05
200-499 Head.....	635	*	5,340	0.03
>=500 Head.....	319	*	159	*

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 98.40 percent, 97.81 percent, 91.94 percent, and 66.52 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 - 2016/17

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	17,165,191	100	17,165,191	100	17,165,191	100	17,165,191	100
Holdings with no Animals.	15,781,447	91.94	11,417,815	66.52	16,788,946	97.81	16,890,391	98.4
1-2 Head.....	1,221,377	7.12	5,270,537	30.7	373,256	2.17	156,962	0.91
3-4 Head.....	142,209	0.83	440,634	2.57	2,546	0.01	44,584	0.26
5-9 Head.....	18,462	0.11	32,815	0.19	443	*	43,992	0.26
>= 10 Head.....	1,696	0.01	3,390	0.02	-	-	29,262	0.17

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 (43.78 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry,  
Ethiopia - 2016/17

Size	Number of Holdings	%
All Holdings.....	17,165,191	100
Holdings with no Poultry...	7,514,467	43.78
1-9 Head.....	7,696,834	44.84
10-49 Head.....	1,945,047	11.33
50-99 Head.....	7,658	0.04
100-199 Head.....	1,185	0.01
200-499 Head.....	-	-

### 3.7 ANIMAL FEED

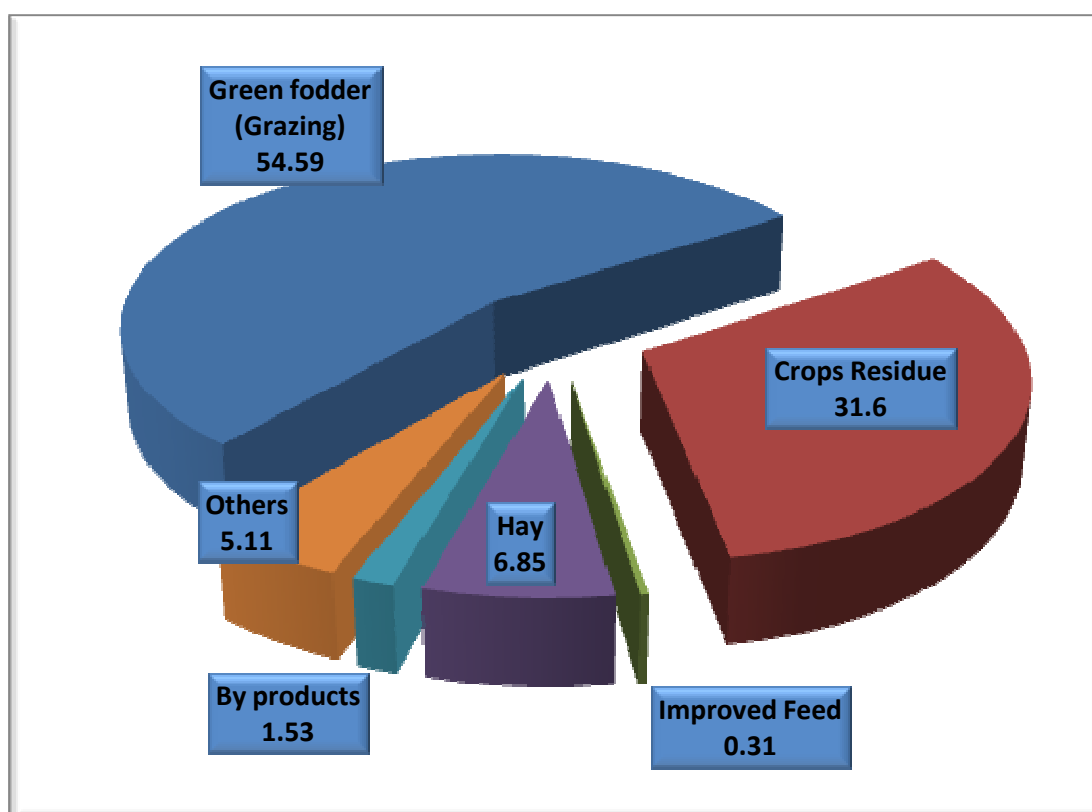
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds.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

According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 54.59 percent) followed by crops residue that is 31.60 percent. Hay and by-products were also used as animal feeds that comprise about 6.81 and 1.53 percent of the total feeds, respectively. Moreover, as shown in Summary Table III.11 and Figure III.13, very small amount of improved feed (only 0.31 percent) was used as animal feed and other types of feed that accounted for about 5.11 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2016/17

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing .....	14,738,027	54.59
Crops Residue.....	12,763,712	31.6
Improved Feed.....	321,866	0.31
Hay .....	4,958,620	6.85
By-products .....	1,874,711	1.53
Others .....	5,131,962	5.11

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 14.74 million holders have used green fodder to feed their animals. Significant number of holders (about 12.76 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 4.96 million, and about 1.87 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 5.13 million) as well reported to use other types of feeds while about 321 thousand holders used improved feed during the reference period.

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

SUMMARY TABLE III.12 Estimated Number of Holders  
Reporting Animal Feed by Source and Type of Feed, Ethiopia - 2016/17

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	14,738,027	12,763,713	321,865	4,958,619	1,874,711	5,131,962
Own Holding.....	6,428,028	11,038,959	228,986	3,130,477	632,664	3,746,637
Purchased.....	323,746	309,039	61,977	823,488	1,097,646	609,284
Communal Holdings/Government	3,359,527	101,755	2,213	130,320	2,349	25,997
From any Two or More Sources...	4,362,416	1,131,838	10,120	748,204	44,388	586,566
Other Sources.....	264,310	182,122	18,569	126,130	97,664	163,478

### 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 458 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 4.42 percent of them have practiced honey and wax development package. Moreover, about 5.45 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 – 2016/17

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total .....	458,880	100
Dairy Development Package.....	80,620	17.57
Beef/Meat/Mutton Development Package.....	48,231	10.51
Poultry Development Package.....	275,572	60.05
Honey and Wax Development Package.....	20,298	4.42
Two or More of the Packages.....	25,012	5.45
Others.....	9,146	1.99

**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
<b>Ethiopia</b>	59,486,667	30,697,942	30,200,226	2,158,176	409,877	8,439,220	1,209,321	59,495,026	6,189,329
<b>Tigray</b>	4,791,341	2,041,731	4,584,138	3,815	7,634	838,053	54,348	5,735,973	287,135
North West Tigray	1,877,685	238,950	2,163,416	-	2,144	256,530	23,262	2,059,194	65,711
Central Tigray	800,677	408,951	1,081,261	-	212	194,044	4,903	1,269,253	81,814
Eastern Tigray	465,556	678,582	214,265	1,046	883	142,817	842	872,948	55,541
Southern Tigray	762,323	597,851	458,283	532	3,026	174,192	16,240	830,829	57,357
Western Tigray	885,100	117,398	666,913	2,236	1,369	70,469	9,101	703,748	26,713
<b>Afar</b>	1,315,917	1,729,159	3,461,260	131	908	101,656	474,146	197,825	415
Zone 1	921,009	958,778	1,778,848	131	-	42,351	202,519	288	-
Zone 3	394,909	770,381	1,682,412	-	908	59,305	271,627	197,536	415
<b>Amhara</b>	15,982,541	10,735,926	6,438,600	467,510	185,186	2,991,598	71,194	19,961,861	1,438,744
North Gonder	3,666,360	1,398,748	1,947,196	31,385	18,389	501,696	-	6,204,610	452,129
South Gonder	1,808,185	1,085,652	514,746	35,441	19,921	346,082	-	1,983,589	131,813
North Wolo	861,888	819,569	459,482	28,282	12,736	211,951	13,829	1,147,256	47,640
South Wolo	1,756,314	1,991,087	975,070	79,215	34,625	505,225	11,609	2,100,202	132,440
North Shewa	1,482,346	1,809,597	953,293	55,118	11,647	448,478	27,102	2,057,757	59,981
East Gojam	2,071,364	1,403,264	451,290	99,949	23,999	425,397	-	1,245,284	181,093
West Gojam	2,438,956	1,242,591	277,189	40,900	44,602	318,751	-	3,436,085	223,102
Waghamera	353,167	185,120	432,885	742	2,438	87,807	-	322,973	60,980
Awi	1,231,447	676,509	162,576	96,316	16,667	93,052	-	1,151,708	128,906
Oromia	288,941	116,388	241,399	161	161	48,856	17,751	279,456	18,785
Argoba Special Wereda	23,573	7,400	23,472	-	-	4,304	904	32,940	1,875
<b>Oromia</b>	24,144,361	9,866,172	8,129,784	1,296,520	140,114	3,446,746	299,422	20,408,299	2,993,147
West Wellega	1,118,389	332,350	135,555	807	3,364	144,892	-	1,356,883	394,846
East Wellega	998,283	249,109	151,293	4,585	6,433	94,605	-	938,249	243,308
Illubabor	1,305,527	386,669	248,602	60,551	14,978	50,242	-	1,226,874	492,322
Jimma	2,324,110	760,133	439,512	97,093	18,024	104,922	-	1,857,334	358,988
West Shewa	2,253,959	1,010,849	454,224	158,387	7,950	269,075	-	1,667,038	252,019
North Shewa	1,676,748	1,305,774	316,403	88,383	6,827	311,996	-	1,176,886	84,142
East Shewa	1,140,843	427,933	566,340	21,528	5,680	363,150	4,544	1,302,538	15,523
Arsi	2,545,778	1,587,876	789,864	276,767	28,658	509,410	52,853	2,007,578	76,819
West Harerghe	1,067,952	153,970	836,840	-	1,723	224,443	91,948	1,535,726	45,295
East Harerghe	1,082,252	439,553	1,069,635	679	1,119	266,206	35,352	1,355,867	44,595
Bale	1,575,872	280,663	734,183	77,478	15,706	265,454	27,343	736,761	176,111
Borena	1,056,040	573,369	868,571	1,096	3,149	81,023	51,607	490,717	64,699
South West Shewa	1,177,452	440,756	369,607	70,532	5,444	248,323	-	992,709	102,493
Guji	1,472,367	473,978	426,882	161,942	7,965	98,020	34,531	1,066,945	249,938
West Arsi	2,104,092	983,875	465,901	216,997	4,486	269,293	1,244	1,162,733	113,264
Kelem Wellega	569,399	230,242	119,528	11,198	6,479	61,214	-	956,959	180,319
Horoguduru Wellega	675,297	229,072	136,844	48,497	2,128	84,477	-	576,501	98,467

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
<b>Somale</b>	584,983	1,022,298	1,519,602	219	-	139,361	295,076	161,265	2,529
Shinele	14,548	51,799	148,602	-	-	7,367	7,724	5,870	5
Jijiga	327,330	698,291	506,337	219	-	61,993	89,147	15,018	1,458
Liben	243,104	272,208	864,662	-	-	70,001	198,204	140,378	1,066
<b>Benshangul-Gumuz</b>	777,915	100,013	431,216	2,560	1,783	77,737	-	1,249,578	307,078
Metekel	634,696	65,101	231,329	2,560	1,641	48,125	-	597,169	197,313
Asosa	87,854	19,274	143,981	-	-	22,208	-	487,198	22,728
Kemeshi	45,729	6,662	33,641	-	142	5,977	-	101,421	12,308
Mao Komo	9,637	8,975	22,265	-	-	1,427	-	63,790	74,729
<b>SNNP</b>	11,485,147	5,087,007	5,258,250	386,620	74,176	810,603	1,581	11,197,124	1,080,150
Surage	916,309	316,600	133,689	49,608	4,383	94,357	-	647,708	53,662
Hadiya	929,689	249,257	190,975	32,441	6,269	122,834	-	995,196	102,176
Kembata Tembaro	372,338	109,732	63,969	9,885	2,079	43,666	-	394,747	26,168
Sidama	2,172,015	519,655	338,551	46,539	9,467	99,350	-	2,123,579	102,452
Gedio	120,241	236,253	22,945	21,191	3,689	5,709	-	323,072	82,438
Wolayita	841,729	240,315	159,362	1,619	874	40,672	-	1,019,677	57,294
South Omo	1,754,567	1,557,599	2,889,665	25,309	5,595	104,031	1,581	807,575	91,213
Shaka	142,901	65,249	20,057	11,740	2,550	2,403	-	156,125	128,211
Kaffa	921,964	479,120	241,256	79,438	10,870	2,226	-	1,023,888	148,626
Gamo Gofa	1,301,056	476,329	392,380	50,296	15,244	65,441	-	1,029,170	63,479
Bench Maji	334,502	181,203	93,952	9,827	2,328	2,381	-	704,269	110,844
Yem Sp. Wereda	74,374	26,426	35,640	787	289	5,588	-	55,182	15,032
Dawro	313,719	87,660	67,879	6,252	5,413	2,713	-	234,109	26,241
Basketo Sp. Wereda	50,852	18,243	13,755	710	771	1,039	-	76,240	4,000
Konta Sp. Wereda	105,651	26,283	18,885	1,947	767	1,116	-	131,180	13,881
Silte	547,666	331,455	227,592	33,160	2,040	126,539	-	805,968	27,869
Alaba Sp. Wereda	164,226	56,839	74,440	2,769	144	44,147	-	225,659	9,996
Segen People	421,349	108,792	273,258	3,101	1,402	46,391	-	443,778	16,566
<b>Gambela region</b>	282,654	44,302	99,018	747	76	1,739	-	385,768	75,580
Agnuwak	28,552	3,946	38,770	-	-	1,412	-	198,490	37,126
Nuware	213,719	27,390	45,954	-	-	-	-	77,908	-
Mezhenger	24,422	12,425	5,635	747	76	328	-	54,653	38,454
Itang Special	15,961	540	8,658	-	-	-	-	54,717	-
<b>Harari</b>	69,387	7,100	72,555	-	-	13,380	5,352	94,371	2,173
Hundene	69,387	7,100	72,555	-	-	13,380	5,352	94,371	2,173
<b>Dire Dawa</b>	52,421	64,234	205,804	55	-	18,348	8,202	102,963	2,379

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

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over
<b>Ethiopia</b>	59,486,667	2,694,282	340,233	1,424,486	6,344,151	675,225	3,017,429	1,686,435	1,538,724	1,100,880	664,822
<b>Tigray</b>	4,791,341	209,138	144,170	382,576	1,482,613	131,734	218,089	162,655	403,688	1,553,735	102,942
North West	1,877,685	86,976	56,634	147,837	526,580	47,702	87,356	65,123	158,337	651,607	49,533
Central Tigray	800,677	25,933	17,343	64,355	328,181	26,396	22,138	17,743	65,076	222,160	11,354
Eastern Tigray	465,556	15,687	15,884	38,579	174,532	11,724	13,870	16,227	38,385	133,576	7,091
Southern Tigray	762,323	24,153	23,489	58,041	277,259	23,014	33,113	26,611	58,162	232,003	6,478
Western Tigray	885,100	56,390	30,820	73,764	176,062	22,899	61,613	36,951	83,727	314,389	28,486
<b>Afar</b>	1,315,917	64,281	61,258	36,222	96,703	5,925	118,108	118,145	116,743	665,915	*
Zone 1	921,009	46,729	50,794	21,959	60,745	*	83,824	89,186	71,521	481,291	12,978
Zone 3	394,909	17,552	10,463	14,263	35,958	3,943	34,284	28,959	45,222	184,625	*
<b>Amhara</b>	15,982,541	669,419	509,933	1,252,967	5,365,997	288,075	708,063	561,096	1,366,588	5,037,070	223,332
North Gonder	3,666,360	183,225	118,754	276,106	1,021,833	47,954	203,273	151,856	346,512	1,253,542	63,305
South Gonder	1,808,185	61,063	54,919	160,251	614,448	44,644	66,449	61,463	151,027	568,678	25,242
North Wolo	861,888	36,496	30,226	69,017	313,931	5,674	38,215	29,564	72,336	263,083	3,346
South Wolo	1,756,314	80,190	50,420	144,375	660,720	18,394	79,068	59,155	155,211	491,328	17,454
North Shewa	1,482,346	42,037	30,062	107,581	695,503	19,275	48,340	39,522	104,669	386,109	9,249
East Gojam	2,071,364	68,516	74,254	158,104	696,209	86,151	77,602	72,214	157,586	641,935	38,794
West Gojam	2,438,956	102,564	91,877	171,164	841,760	45,589	96,943	86,354	209,040	748,490	45,175
Waghamera	353,167	13,848	10,358	23,091	116,480	7,618	13,834	10,635	28,138	125,313	3,853
Awi	1,231,447	66,821	35,884	113,831	309,985	10,965	67,285	40,440	114,515	457,470	14,251
Oromia	288,941	13,527	12,631	27,801	86,423	1,382	15,760	9,261	25,573	94,136	2,448
Argoba S. W.	23,573	1,132	549	1,647	8,706	430	1,294	632	1,980	6,987	216
<b>Oromia</b>	24,144,361	1,095,586	996,983	1,774,387	6,773,596	207,837	1,253,301	1,128,929	1,213,716	8,493,876	206,149
West Wellega	1,118,389	41,648	46,611	85,975	286,978	*	46,316	55,468	103,696	441,666	8,530
East Wellega	998,283	46,182	47,402	86,141	251,188	3,155	46,418	44,068	105,480	360,283	7,967
Illubabor	1,305,527	61,950	59,259	103,421	318,003	2,043	64,338	69,890	135,739	484,071	6,813
Jimma	2,324,110	105,324	123,639	193,542	691,457	*	113,468	115,022	190,601	785,836	3,331
West Shewa	2,253,959	100,218	93,402	177,724	707,422	31,313	105,289	91,817	204,186	719,603	22,985
North Shewa	1,676,748	74,389	58,319	122,371	550,702	18,539	82,752	71,181	137,802	543,408	17,284
East Shewa	1,140,843	33,334	31,889	73,222	453,098	32,128	36,948	49,157	87,976	326,640	16,450
Arsi	2,545,778	126,083	78,921	154,471	874,588	16,721	141,802	103,295	215,350	819,866	14,682
West Harerghe	1,067,952	55,856	40,773	94,759	265,411	2,734	63,620	47,979	130,297	356,244	*
East Harerghe	1,082,252	73,367	49,316	134,439	155,044	-	68,990	47,847	138,801	406,012	8,437
Bale	1,575,872	51,880	73,900	91,125	452,477	*	77,213	75,168	133,549	585,296	15,435
Borena	1,056,040	58,089	39,237	53,026	203,971	*	84,525	53,400	84,766	461,665	15,673
South West	1,177,452	37,936	32,465	75,375	440,616	41,570	44,569	37,648	106,413	347,925	12,935
Guji	1,472,367	72,591	65,747	98,418	286,375	5,550	91,415	86,423	155,967	597,407	12,474
West Arsi	2,104,092	106,182	92,085	134,357	476,176	16,844	139,827	117,736	173,980	827,269	19,634
Kelem Wellega	569,399	26,575	29,563	47,955	161,225	*	23,424	30,252	51,687	196,398	1,806
Horoguduru Wellega	675,297	23,982	34,455	48,066	198,864	11,816	22,385	32,580	57,427	234,287	11,435

TABLE 3-2 CONT'D

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over
<b>Somale</b>	584,983	38,638	24,756	37,899	82,870	*	42,769	36,188	50,094	259,509	1,965
Shinele	14,548	518	656	1,650	2,463	-	783	592	1,859	6,006	*
Jijiga	327,330	23,824	15,998	21,230	49,618	*	23,767	19,914	30,440	141,017	1,226
Liben	243,104	14,296	8,102	15,019	30,789	-	18,219	15,682	27,795	112,486	*
<b>Benshangul-Gumuz</b>	777,915	30,044	38,021	63,038	204,555	9,816	32,940	37,143	75,310	277,459	9,588
Metekel	634,696	24,602	31,321	50,695	174,111	9,682	27,638	30,019	57,693	219,663	9,271
Asosa	87,854	3,092	3,568	7,432	19,235	-	2,565	3,447	1,680	36,835	-
Kemeshi	45,729	2,145	2,766	3,552	8,715	*	2,433	3,217	4,492	18,012	*
Mao Komo	9,637	205	367	1,359	2,494	*	*	460	1,445	2,950	*
<b>SNNP</b>	11,485,147	568,752	547,381	841,859	2,284,223	31,039	523,812	520,671	56,088	1,625,892	85,431
Gurage	916,309	49,829	37,490	63,150	139,971	*	56,755	42,657	95,587	408,023	15,287
Hadiya	929,689	43,922	33,962	62,724	236,264	6,717	45,549	49,331	89,356	355,561	6,303
Kembata Tembaro	372,338	15,111	13,319	25,078	83,786	518	16,664	17,600	12,115	154,523	3,623
Sidama	2,172,015	139,460	146,636	118,009	110,090	*	53,679	49,891	57,294	1,059,403	25,455
Gedio	120,241	3,986	4,268	16,762	33,087	-	5,763	4,389	7,965	43,246	*
Wolayita	841,729	40,341	42,985	69,628	176,278	*	41,609	47,869	87,565	329,782	5,296
South Omo	1,754,567	65,418	72,973	*	349,358	*	83,086	97,305	*	662,115	*
Shaka	142,901	9,381	9,587	12,500	28,834	*	8,204	8,561	13,685	51,496	*
Kaffa	921,964	48,707	47,862	78,700	216,174	*	50,824	47,462	89,086	341,288	*
Gamo Gofa	1,301,056	68,300	59,660	95,561	297,911	*	66,027	67,640	86,605	506,094	*
Bench Maji	334,502	18,151	16,464	19,142	96,244	*	20,259	14,832	29,995	118,883	*
Yem Sp. Wereda	74,374	1,707	2,844	4,415	28,128	*	2,359	2,651	5,615	26,145	432
Dawro	313,719	15,494	16,679	23,324	63,699	*	17,524	17,080	34,745	123,342	1,117
Basketo Sp. Wereda	50,852	1,673	2,700	4,979	12,711	*	2,640	2,586	5,512	17,944	*
Konta Sp. Wereda	105,651	5,155	5,832	8,341	25,697	-	4,259	7,464	11,759	36,883	262
Silte	547,666	24,884	16,480	33,283	160,274	*	27,372	21,475	19,819	206,221	*
Alaba Sp. Wereda	164,226	7,019	4,784	11,393	55,498	2,268	6,776	5,373	13,561	57,406	*
Segen People	421,349	10,214	12,856	31,392	170,217	*	14,462	16,505	35,359	127,536	*
<b>Gambela Region</b>	282,654	12,074	12,296	21,531	36,207	*	13,577	15,870	30,443	138,256	1,961
Angnuwak	28,552	1,425	*	1,910	13,248	-	*	970	1,780	7,375	-
Nuware	213,719	7,678	9,558	16,191	19,693	*	9,923	11,780	23,970	112,654	1,833
Mezhenger	24,422	1,932	1,300	2,196	2,229	-	1,578	2,485	2,844	9,777	*
Itang Special	15,961	1,039	583	1,235	1,038	-	*	635	1,848	8,450	*
<b>Harari</b>	69,387	4,597	3,188	7,798	8,815	*	4,058	3,740	8,956	27,698	503
Hundene	69,387	4,597	3,188	7,798	8,815	*	4,058	3,740	8,956	27,698	503
<b>Dire Dawa</b>	52,421	1,752	2,246	6,209	8,572	*	2,711	1,999	7,099	21,469	*

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

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
<b>Ethiopia</b>	30,697,942	3,912,226	1,460,876	1,238,304	1,940,878	4,138,371	1,869,165	2,114,401	14,023,721
<b>Tigray</b>	2,041,731	265,768	96,766	61,667	71,167	256,385	128,256	150,573	1,011,151
North West Tigray	238,950	32,141	13,639	6,593	11,802	22,565	10,858	20,261	121,091
Central Tigray	408,951	58,445	18,129	15,740	17,523	44,647	24,125	26,703	203,639
Eastern Tigray	678,582	95,521	34,145	13,920	16,269	96,655	39,838	38,683	343,550
Southern Tigray	597,851	67,056	26,668	21,618	21,226	75,534	44,529	56,463	284,757
Western Tigray	117,398	12,605	4,185	3,796	4,346	16,984	8,905	8,463	58,113
<b>Afar</b>	1,729,159	178,042	73,424	60,579	137,305	227,666	139,247	144,274	768,621
Zone 1	958,778	100,392	48,030	31,759	93,740	116,570	77,401	60,724	430,162
Zone 3	770,381	77,651	25,394	28,820	43,565	111,096	61,846	83,550	338,459
<b>Amhara</b>	10,735,926	1,469,084	485,504	407,608	566,651	1,532,983	579,824	603,367	5,090,905
North Gondar	1,398,748	200,901	59,411	*	*	213,400	84,904	96,162	653,792
South Gondar	1,085,652	170,586	46,212	20,565	40,146	165,869	66,220	48,788	527,266
North Wolo	819,569	94,730	43,114	41,032	60,567	103,017	48,468	43,182	385,459
South Wolo	1,991,087	244,393	102,567	117,808	178,575	258,646	84,901	104,886	899,312
North Shewa	1,809,597	201,666	89,327	93,937	155,820	239,972	101,577	109,689	817,608
East Gojam	1,403,264	205,125	34,684	25,440	32,612	209,529	86,166	86,726	722,981
West Gojam	1,242,591	200,531	62,373	32,105	13,727	189,287	70,224	69,355	604,990
Waghamera	185,120	18,564	5,627	6,431	14,988	23,240	8,160	11,943	96,168
Awii	676,509	116,444	36,419	18,569	10,245	115,863	25,571	26,839	326,559
Oromia	116,388	15,158	5,524	12,076	8,329	13,322	3,262	5,515	53,202
Argoba Special	7,400	987	246	387	722	839	370	283	3,567
<b>Oromia</b>	9,866,172	1,367,829	474,907	336,061	643,449	1,436,945	616,720	619,251	4,371,009
West Wellega	332,350	59,917	20,248	10,897	8,202	53,868	20,420	24,316	134,480
East Wellega	249,109	45,383	16,262	8,598	3,648	46,787	16,412	14,773	97,247
Illubabor	386,669	51,691	21,333	11,187	14,057	55,595	23,840	25,015	183,950
Jimma	760,133	119,965	32,077	26,763	30,882	113,376	40,275	41,073	355,722
West Shewa	1,010,849	135,924	54,144	34,408	37,073	171,087	76,530	66,371	435,313
North Shewa	1,305,774	205,677	41,332	32,406	58,507	215,272	43,784	49,935	658,863
East Shewa	427,933	55,105	23,247	11,340	18,161	60,916	30,067	28,450	200,647
Arsi	1,587,876	218,869	63,975	49,550	146,541	233,811	100,509	99,439	675,184
West Harerghe	153,970	20,691	6,682	3,037	5,979	25,633	7,593	10,313	74,042
East Harerghe	439,553	61,408	24,198	22,241	35,373	51,032	30,935	35,414	178,951
Bale	280,663	34,512	16,855	9,537	17,761	40,219	25,153	19,330	117,298
Borena	573,369	43,184	22,251	26,022	*	61,336	31,667	42,627	233,131
South West Shewa	440,756	56,495	27,954	19,390	23,621	61,915	31,289	29,059	191,032
Guji	473,978	55,286	31,546	20,291	32,139	57,725	37,237	35,099	204,655
West Arsi	983,875	123,322	48,629	37,322	*	116,213	73,316	67,701	435,662
Kelem Wellega	230,242	42,769	11,075	6,160	*	36,655	12,659	15,585	93,969
Horoguduru Wellega	229,072	37,632	13,099	6,914	5,272	35,506	15,032	14,752	100,864



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>Somale</b>	1,022,298	90,632	50,424	56,505	97,679	107,152	74,407	104,588	440,912
Shinele	51,799	6,159	1,610	2,424	4,868	6,301	3,158	5,002	22,277
Jijiga	698,291	62,165	37,779	41,126	65,268	69,029	50,666	68,427	303,832
Liben	272,208	22,307	11,035	12,956	27,544	31,822	20,584	31,158	114,803
<b>Benshangul-Gumuz</b>	100,013	14,916	6,262	4,422	3,940	17,352	6,168	9,021	37,933
Metekel	65,101	10,561	4,412	2,511	2,497	11,875	3,493	5,137	24,615
Asosa	19,274	2,169	781	918	637	3,361	1,555	2,238	7,615
Kemeshi	6,662	815	*	539	509	558	*	666	2,420
Mao komo	8,975	1,370	451	453	*	1,558	585	980	3,283
<b>SNNP</b>	5,087,007	512,257	267,369	306,277	413,398	545,744	317,226	472,996	2,251,741
Gurage	316,600	46,956	13,751	13,200	12,337	45,571	13,947	23,524	147,313
Hadiya	249,257	30,717	15,630	12,559	13,218	27,985	18,734	16,506	113,908
Kembata Tembaro	109,732	13,330	10,233	11,965	8,542	11,033	7,349	6,687	40,593
Sidama	519,655	66,654	25,770	16,972	22,890	73,054	25,942	26,062	262,311
Gedio	236,253	26,565	16,001	10,211	12,296	25,714	19,970	21,031	104,466
Wolayita	240,315	30,865	15,953	16,285	10,957	28,046	16,333	27,979	93,898
South Omo	*	71,941	*	*	*	99,470	*	*	591,748
Shaka	65,249	9,069	6,407	3,299	2,533	6,748	4,597	6,400	26,197
Kaffa	479,120	70,832	19,361	11,077	13,810	68,869	22,271	20,497	252,402
Gamo Gofa	476,329	39,650	27,059	23,979	30,140	47,820	35,797	49,942	221,940
Bench Maji	181,203	22,820	7,985	4,296	13,575	27,541	7,241	9,845	87,900
Yem Sp. Wereda	26,426	3,609	1,006	449	1,016	3,200	1,214	2,122	13,810
Dawro	87,660	10,919	5,393	4,313	4,673	9,726	6,723	8,136	37,777
Basketo Sp. Wereda	18,243	2,173	968	433	636	2,606	828	1,634	8,964
Konta Sp. Wereda	26,283	3,451	1,806	2,282	4,391	2,924	1,497	860	9,073
Silte	331,455	44,638	13,125	12,070	11,639	48,819	23,279	17,781	160,104
Alaba Sp. Wereda	56,839	7,711	2,516	1,636	1,252	8,118	3,450	3,373	28,784
Segen People	108,792	10,356	5,843	5,852	13,040	8,498	8,044	6,603	50,554
<b>Gambela Region</b>	44,302	5,022	3,413	2,910	4,349	5,578	3,274	3,792	15,965
Angnuwak	*	*	*	*	*	*	*	*	*
Nuware	27,390	2,416	1,973	1,242	1,898	3,406	2,855	3,048	10,553
Mezhenger	12,425	2,246	1,344	1,484	642	1,867	244	479	4,119
Itang Special	*	*	-	*	*	*	-	-	*
<b>Harari</b>	7,100	814	342	467	295	639	250	616	3,677
Hundene	7,100	814	342	467	295	639	250	616	3,677
<b>Dire Dawa</b>	64,234	7,864	2,466	1,808	2,645	7,929	3,793	5,923	31,806

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

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
<b>Ethiopia</b>	30,200,226	3,444,111	1,474,872	1,460,811	2,494,672	3,860,155	2,110,351	2,611,384	2,743,870
<b>Tigray</b>	4,584,138	527,563	173,012	158,881	250,062	577,479	310,193	432,789	2,154,158
North West Tigray	2,163,416	245,759	70,692	60,722	113,090	275,433	139,503	212,038	1,046,179
Central Tigray	1,081,261	120,230	46,717	62,135	67,092	125,070	63,492	87,932	508,593
Eastern Tigray	214,265	23,823	10,694	6,992	10,915	25,858	13,378	16,755	105,849
Southern Tigray	458,283	54,315	18,432	12,384	23,466	55,857	35,769	45,951	212,110
Western Tigray	666,913	83,437	26,478	16,648	35,499	95,261	58,051	70,112	281,426
<b>Afar</b>	3,461,260	287,664	131,977	101,170	233,458	461,587	289,483	339,758	1,616,163
Zone 1	1,778,848	162,530	78,167	48,099	128,711	241,967	155,884	142,324	821,166
Zone 3	1,682,412	125,134	53,811	53,071	104,747	219,620	133,598	197,434	794,997
<b>Amhara</b>	6,438,600	896,446	353,255	334,999	527,796	960,823	429,559	389,382	2,546,339
North Gonder	1,947,196	290,427	121,061	67,170	84,685	330,452	154,102	135,770	763,528
South Gonder	514,746	77,407	21,632	18,978	35,517	86,432	29,745	31,136	213,901
North Wolo	459,482	64,044	25,597	22,066	35,383	62,823	24,897	18,128	206,545
South Wolo	975,070	127,995	58,755	51,355	96,369	130,027	65,799	73,046	371,723
North Shewa	953,293	111,443	51,591	108,996	158,434	112,144	62,618	41,893	306,173
East Gojam	451,290	79,659	18,375	16,465	31,054	72,026	28,565	23,025	182,122
West Gojam	277,189	39,952	15,361	14,808	16,336	53,042	17,691	17,183	102,816
Waghamera	432,885	39,005	15,462	14,041	39,162	49,595	23,276	29,972	222,372
Awi	162,576	28,287	10,855	3,832	13,427	25,033	10,718	7,940	62,484
Oromia	241,399	34,307	13,260	16,260	15,452	35,551	10,855	10,034	105,678
Argoba Special	23,472	3,921	1,306	1,026	1,977	3,697	1,293	1,255	8,997
<b>Oromia</b>	8,129,784	1,097,703	458,458	339,347	563,637	1,122,755	592,535	580,904	3,374,447
West Wellega	135,555	25,644	4,656	2,471	*	26,194	10,721	12,847	51,218
East Wellega	151,293	28,325	10,208	8,712	4,320	25,096	12,648	9,849	52,135
Illubabor	248,602	35,535	17,950	7,101	7,101	39,943	18,446	15,039	107,486
Jimma	439,512	68,436	25,949	10,944	14,130	64,370	28,467	26,393	200,822
West Shewa	454,224	78,627	21,588	17,116	22,058	84,377	32,810	27,882	169,766
North Shewa	316,403	52,645	13,012	9,293	19,946	52,324	17,859	15,667	135,657
East Shewa	566,340	72,654	30,289	14,656	28,368	73,403	44,131	38,196	264,643
Arsi	789,864	106,308	46,628	35,994	51,402	109,871	69,357	64,016	306,288
West Harerghe	836,840	101,809	50,412	38,678	61,732	117,125	69,513	58,939	338,632
East Harerghe	1,069,635	144,655	69,061	60,341	70,299	133,001	72,565	81,161	438,553
Bale	734,183	91,143	43,379	36,373	51,206	94,764	64,947	49,161	303,211
Borena	868,571	72,140	36,453	27,027	*	99,734	53,709	58,019	385,723
South West Shewa	369,607	62,735	18,207	22,537	27,056	44,846	16,090	26,433	151,704
Guji	426,882	48,853	27,375	17,649	30,624	50,976	29,928	32,728	188,750
West Arsi	465,901	64,436	29,680	20,449	*	59,954	33,778	48,223	183,467
Kelem Wellega	119,528	20,979	6,465	*	3,708	24,838	6,966	7,955	43,422
Horoguduru Wellega	136,844	22,777	7,146	4,810	8,203	21,940	10,602	8,395	52,970

TABLE 3-4 CONT'D

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
<b>Somale</b>	1,519,602	117,383	73,526	86,255	138,880	158,549	122,651	175,132	647,227
Shinele	148,602	16,360	5,049	7,455	10,061	20,853	9,413	13,954	65,458
Jijiga	506,337	47,408	31,996	35,763	51,093	40,287	39,833	47,838	212,117
Liben	864,662	53,615	36,481	43,037	77,725	97,408	73,404	113,341	369,652
<b>Benshangul-Gumuz</b>	431,216	66,085	21,932	14,690	18,272	66,917	36,122	44,629	162,569
Metekel	231,329	38,033	11,563	8,891	9,063	39,360	20,057	20,536	83,826
Asosa	143,981	18,117	7,571	4,225	6,527	18,098	11,718	18,980	58,745
Kemeshi	33,641	6,120	1,646	1,076	1,755	5,503	2,928	2,673	11,939
Mao Komo	22,265	3,814	1,152	497	927	3,956	1,419	2,441	8,059
<b>SNNP</b>	5,258,250	407,631	244,554	408,505	738,388	464,825	305,105	612,710	2,076,532
Gurage	133,689	15,887	10,211	5,107	9,295	19,173	11,295	10,252	52,470
Hadiya	190,975	21,201	14,742	10,685	9,459	27,069	12,630	14,635	80,554
Kembata Tembaro	63,969	8,243	4,656	2,917	2,990	9,240	4,748	4,014	27,161
Sidama	338,551	33,521	18,847	25,394	43,308	30,090	22,274	21,583	143,534
Gedio	22,945	*	2,753	*	1,280	1,722	1,927	1,617	10,529
Wolayita	159,362	19,580	9,360	6,157	9,639	17,883	10,988	14,912	70,844
South Omo	2,889,665	118,881	110,319	*	*	165,653	148,936	*	1,038,989
Shaka	20,057	2,694	2,067	*	801	1,892	1,973	2,006	7,802
Kaffa	241,256	43,185	6,215	6,107	5,028	41,373	13,003	9,385	116,960
Gamo Gofa	392,380	50,760	20,621	19,118	19,968	51,188	25,462	35,539	169,723
Bench Maji	93,952	11,228	4,212	5,511	4,146	15,355	5,125	6,185	42,190
Yem Sp. Wereda	35,640	4,578	1,389	1,411	759	4,959	1,565	2,998	17,981
Dawro	67,879	9,081	4,649	5,867	4,931	7,851	4,467	6,315	24,719
Basketo Sp. Wereda	13,755	1,400	563	356	*	1,518	1,099	678	6,156
Konta Sp. Wereda	18,885	2,255	1,735	1,795	484	2,130	1,404	1,699	7,383
Silte	227,592	25,864	13,994	10,279	9,663	33,908	15,979	11,967	105,937
Alaba Sp. Wereda	74,440	10,310	4,764	1,842	2,335	10,101	5,968	4,538	34,581
Segen People	273,258	26,535	13,458	15,409	35,907	23,720	16,263	22,946	119,020
<b>Gambela Region</b>	99,018	11,865	4,553	4,515	6,015	11,960	8,417	11,105	40,587
Angnuwak	38,770	5,354	*	1,405	2,829	4,365	3,525	3,788	15,683
Nuware	45,954	5,036	1,987	2,109	2,399	5,701	4,064	5,532	19,125
Mezhenger	5,635	711	426	618	*	750	445	352	1,952
Itang Special	8,658	765	318	382	405	1,144	*	1,433	3,826
<b>Harari</b>	72,555	9,188	4,951	4,369	3,703	8,804	4,778	6,401	30,361
Hundene	72,555	9,188	4,951	4,369	3,703	8,804	4,778	6,401	30,361
<b>Dire Dawa</b>	205,804	22,584	8,653	8,081	14,461	26,456	11,509	18,574	95,486

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

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	2,158,176	208,180	854,337	206,681	888,978	8,439,220	969,529	2,987,369	934,283	3,548,040
Tigray	3,815	*	*	*	1,843	838,053	92,757	342,098	95,951	307,247
North West Tigray	-	-	-	-	-	256,530	31,737	79,772	39,434	105,587
Central Tigray	-	-	-	-	-	194,044	22,143	72,376	20,531	78,994
Eastern Tigray	*	*	*	-	*	142,817	12,383	69,282	12,583	48,569
Southern Tigray	*	-	-	-	*	174,192	18,744	79,411	17,779	58,259
Western Tigray	*	*	779	*	*	70,469	7,749	41,258	5,624	15,837
Afar	*	-	*	-	-	101,656	12,269	35,420	12,023	41,944
Zone 1	*	-	*	-	-	42,351	4,792	17,211	4,573	15,775
Zone 3	-	-	-	-	-	59,305	7,477	18,209	7,450	26,169
Amhara	467,510	35,690	142,610	44,614	244,596	2,991,598	394,378	912,408	364,888	1,319,923
North Gonder	*	*	9,419	*	*	501,696	67,868	191,939	49,076	192,813
South Gonder	35,441	2,117	*	4,063	15,899	346,082	49,193	64,102	45,235	187,552
North Wolo	28,282	2,539	7,989	1,977	15,776	211,951	26,444	57,847	26,686	100,974
South Wolo	79,215	2,753	18,668	10,849	46,944	505,225	73,381	126,678	64,373	240,793
North Shewa	55,118	7,583	7,943	6,687	32,905	448,478	50,896	195,779	45,763	156,039
East Gojam	99,949	7,951	41,789	7,827	42,383	425,397	56,702	122,085	53,314	193,297
West Gojam	*	*	6,469	*	*	318,751	40,907	82,464	52,503	142,877
Waghamera	*	*	*	-	*	87,807	9,462	34,468	7,883	35,994
Awi	96,316	5,662	36,556	7,787	46,311	93,052	12,921	23,714	14,081	42,336
Oromia	*	-	*	-	-	48,856	5,976	12,040	5,429	25,410
Argoba Special	-	-	-	-	-	4,304	628	1,291	545	1,839
Oromia	1,296,520	135,992	549,414	122,629	488,484	3,446,746	385,950	1,220,250	374,193	1,466,353
West Wellega	*	-	-	*	*	144,892	18,822	38,325	19,601	68,144
East Wellega	*	*	*	*	*	94,605	12,581	33,129	11,163	37,733
Illubabor	60,551	6,426	20,254	6,188	27,683	50,242	5,675	12,738	6,939	24,891
Jimma	97,093	7,784	42,812	6,859	39,637	104,922	12,703	45,410	10,814	35,995
West Shewa	158,387	22,882	62,642	20,537	52,327	269,075	30,911	83,082	40,094	114,989
North Shewa	88,383	14,015	21,663	9,899	42,806	311,996	50,465	69,406	47,261	144,863
East Shewa	21,528	*	18,218	*	*	363,150	30,794	157,883	35,070	139,404
Arsi	276,767	29,858	100,191	29,770	116,949	509,410	56,755	175,730	51,489	225,436
West Harerghe	-	-	-	-	-	224,443	17,712	87,228	22,211	97,292
East Harerghe	*	-	-	-	*	266,206	33,307	91,746	24,139	117,014
Bale	77,478	*	42,751	7,164	22,076	265,454	27,718	113,529	25,723	98,485
Borena	*	*	*	*	*	81,023	10,008	28,218	9,137	33,660
South West Shewa	70,532	4,788	51,855	2,917	10,972	248,323	27,685	93,601	27,760	99,276
Guji	161,942	20,240	65,765	15,068	60,869	98,020	9,673	43,707	7,939	36,700
West Arsi	216,997	16,333	100,462	14,413	85,789	269,293	25,259	82,732	21,503	139,800
Kelem Wellega	*	*	3,863	*	*	61,214	5,489	34,620	3,653	17,452
Horoguduru Wellega	48,497	5,994	16,983	7,027	18,493	84,477	10,392	29,166	9,699	35,220

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
<b>Somale</b>	*	*	*	*	*	139,361	11,877	63,463	12,752	51,269
Shinele	-	-	-	-	-	7,367	659	3,135	764	2,809
Jijiga	*	*	*	*	*	61,993	6,287	25,008	6,091	24,606
Liben	-	-	-	-	-	70,001	4,931	35,319	5,897	23,853
<b>Benshangul-Gumuz</b>	*	*	*	*	*	77,737	6,666	47,599	6,121	17,351
Metekel	*	*	*	*	*	48,125	3,668	33,175	2,798	8,484
Asosa	-	-	-	-	-	22,208	2,696	8,865	2,860	7,787
Kemeshi	-	-	-	-	-	5,977	*	5,077	203	483
Mao Komo	-	-	-	-	-	1,427	88	481	260	598
<b>SNNP</b>	386,620	35,681	159,305	38,609	153,025	810,603	63,074	352,769	65,610	329,150
Gurage	49,608	6,730	13,192	6,305	23,381	94,357	8,722	32,214	9,939	43,481
Hadiya	32,441	*	10,806	3,090	16,486	122,834	12,544	41,861	11,940	56,490
Kembata Tembaro	9,885	1,474	3,880	*	3,975	43,666	2,345	33,327	1,381	6,613
Sidama	46,539	*	27,318	*	13,164	99,350	*	75,354	4,493	15,971
Gedio	21,191	*	10,956	*	7,626	5,709	-	4,623	-	*
Wolayita	*	-	*	-	-	40,672	2,178	33,452	*	*
South Omo	25,309	1,856	*	*	10,430	*	*	*	*	*
Shaka	11,740	*	8,029	560	2,345	2,403	*	2,329	-	-
Kaffa	79,438	7,550	40,592	7,226	24,070	2,226	*	1,520	-	*
Gamo Gofa	50,296	6,082	14,200	7,873	22,141	65,441	2,955	31,684	5,862	24,940
Bench Maji	9,827	620	3,906	1,019	4,282	2,381	-	2,277	-	*
Yem Sp. Wereda	787	*	319	*	378	5,588	582	1,332	547	3,127
Dawro	6,252	929	2,670	354	2,299	2,713	*	1,855	*	474
Basketo Sp. Wereda	710	*	446	*	202	1,039	*	283	128	534
Konta Sp. Wereda	1,947	*	*	*	*	1,116	-	1,022	-	*
Silte	33,160	2,937	6,541	4,348	19,334	126,539	11,853	20,363	10,191	84,132
Alaba Sp. Wereda	2,769	*	1,179	*	1,209	44,147	3,502	8,719	4,794	27,132
Segen People	3,101	*	*	*	*	46,391	3,804	27,765	2,988	11,835
<b>Gambela Region</b>	747	-	747	-	-	1,739	-	1,598	*	*
Angnuwak	-	-	-	-	-	*	-	*	*	*
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	747	-	747	-	-	*	-	*	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	13,380	932	7,006	1,121	4,322
Hundene	-	-	-	-	-	13,380	932	7,006	1,121	4,322
<b>Dire Dawa</b>	*	-	*	-	-	18,348	1,626	4,759	1,575	10,388

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

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
<b>Ethiopia</b>	409,877	26,199	172,725	31,448	179,504	1,209,321	132,762	270,486	192,672	613,401
<b>Tigray</b>	7,634	*	4,079	*	3,182	54,348	5,494	45,861	-	*
North West Tigray	2,144	-	*	-	*	23,262	-	23,262	-	-
Central Tigray	*	-	-	-	*	4,903	*	3,728	-	*
Eastern Tigray	883	-	*	-	*	*	*	*	-	-
Southern Tigray	*	*	*	-	837	16,240	*	10,024	-	*
Western Tigray	1,369	*	1,008	*	*	9,101	*	8,637	-	*
<b>Afar</b>	*	-	*	-	*	474,146	43,377	65,811	85,424	279,534
Zone 1	-	-	-	-	-	202,519	24,249	49,196	31,416	97,657
Zone 3	*	-	*	-	*	271,627	19,128	16,615	54,007	181,877
<b>Amhara</b>	185,186	16,429	65,046	22,555	81,156	71,194	*	61,037	*	*
North Gonder	18,389	*	8,684	*	7,280	-	-	-	-	-
South Gonder	19,921	2,865	5,204	*	10,666	-	-	-	-	-
North Wolo	12,736	*	3,164	*	6,829	13,829	-	13,829	-	-
South Wolo	34,625	*	12,749	6,010	13,695	11,609	-	11,609	-	-
North Shewa	11,647	*	5,471	*	3,347	27,102	*	21,716	-	-
East Gojam	23,999	*	12,206	2,641	7,403	-	-	-	-	-
West Gojam	44,602	*	10,832	*	26,778	-	-	-	-	-
Waghamera	2,438	-	797	*	1,516	-	-	-	-	-
Awi	16,667	5,635	5,940	*	3,482	-	-	-	-	-
Oromia	*	-	-	-	*	17,751	2,981	13,058	*	*
Argoba Special	-	-	-	-	-	904	*	826	-	-
<b>Oromia</b>	140,114	5,653	66,190	5,708	62,562	299,422	42,604	38,367	55,053	163,398
West Wellega	3,364	-	*	*	804	-	-	-	-	-
East Wellega	6,433	-	1,768	-	4,664	-	-	-	-	-
Illubabor	14,978	*	6,616	859	6,380	-	-	-	-	-
Jimma	18,024	*	6,316	*	10,385	-	-	-	-	-
West Shewa	7,950	*	3,205	-	4,057	-	-	-	-	-
North Shewa	6,827	*	*	2,055	3,250	-	-	-	-	-
East Shewa	5,680	-	5,461	-	*	*	*	*	*	*
Arsi	28,658	*	15,450	*	12,095	*	*	*	*	*
West Harerghe	*	-	*	-	*	*	*	*	*	*
East Harerghe	*	-	-	-	*	35,352	5,931	*	6,990	19,276
Bale	15,706	*	9,694	*	5,538	27,343	*	6,003	5,101	11,927
Borena	*	*	*	-	*	51,607	6,161	6,540	9,488	29,418
South West Shewa	5,444	-	1,832	*	3,348	-	-	-	-	-
Guji	7,965	*	3,103	*	3,403	*	*	*	*	*
West Arsi	4,486	-	2,824	-	*	*	-	-	*	*
Kelem Wellega	6,479	*	3,829	-	2,415	-	-	-	-	-
Horoguduru Wellega	2,128	*	931	*	925	-	-	-	-	-

TABLE 3-6 CONT'D

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
<b>Somale</b>						295,076	30,619	55,709	49,618	159,130
Shinele	-	-	-	-	-	7,724	1,022	2,100	1,144	3,458
Jijiga	-	-	-	-	-	89,147	8,653	25,251	13,196	42,048
Liben	-	-	-	-	-	198,204	20,944	28,358	35,278	113,624
<b>Benshangul-Gumuz</b>	1,783	-	765	-	1,018	-	-	-	-	-
Metekel	1,641	-	697	-	945	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	*	-	*	-	*	-	-	-	-	-
Mao komo	-	-	-	-	-	-	-	-	-	-
	74,176	3,802	36,021	3,128	31,225	*	*	*	*	*
<b>SNNP</b>	4,383	-	*	*	2,474	-	-	-	-	-
Gurage	6,269	*	2,747	*	2,744	-	-	-	-	-
Hadiya	2,079	*	*	*	1,340	-	-	-	-	-
Kembata Tembaro	*	-	*	*	*	-	-	-	-	-
Sidama	3,689	-	1,430	*	2,037	-	-	-	-	-
Gedio	*	-	*	-	-	-	-	-	-	-
Wolayita	5,595	*	2,635	*	2,333	*	*	*	*	*
South Omo	2,550	-	953	*	*	-	-	-	-	-
Shaka	10,870	1,400	7,144	-	2,326	-	-	-	-	-
Kaffa	15,244	*	9,042	-	5,234	-	-	-	-	-
Gamo Gofa	2,328	-	972	-	1,357	-	-	-	-	-
Bench Maji	289	-	*	-	219	-	-	-	-	-
Yem Sp. Wereda	5,413	359	2,687	*	2,174	-	-	-	-	-
Dawro	771	*	352	*	318	-	-	-	-	-
Basketo Sp. Wereda	767	-	446	*	*	-	-	-	-	-
Konta Sp. Wereda	2,040	*	*	*	*	-	-	-	-	-
Silte	*	-	-	*	*	-	-	-	-	-
Alaba Sp. Wereda	*	*	*	*	*	-	-	-	-	-
Segen People	*	-	*	-	*	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	*	-	*	-	*	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	*	*	*	*	*
Hundene	-	-	-	-	-	*	*	*	*	*
<b>Dire Dawa</b>	-	-	-	-	-	8,202	1,047	3,196	834	3,125

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

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
<b>Ethiopia</b>	37,445,031	14,645,544	402,614	780,832	515,161	7,155,114	151,311	74,651	12,821,309	898,495
<b>Tigray</b>	3,036,348	1,450,479	*	24,062	7,012	28,133	6,872	4,174	1,505,609	8,947
North West Tigray	1,178,186	511,949	*	*	*	7,470	*	2,308	638,983	-
Central Tigray	550,340	324,449	*	*	*	4,163	*	-	215,501	*
Eastern Tigray	308,108	173,173	*	*	*	4,603	*	*	126,602	*
Southern Tigray	509,262	272,752	-	1,697	2,810	*	*	*	215,753	6,154
Western Tigray	490,451	168,156	*	6,985	766	3,257	*	*	308,770	*
<b>Afar</b>	762,618	46,603	*	42,245	*	271,143	-	*	387,062	*
Zone 1	542,035	23,268	*	31,583	*	184,760	-	*	289,652	*
Zone 3	220,583	23,335	*	10,662	*	86,383	-	*	97,410	-
<b>Amhara</b>	10,403,067	5,115,423	52,405	68,891	129,278	261,606	96,551	13,257	4,482,223	183,433
North Gondar	2,275,374	963,575	*	26,881	25,056	88,147	7,591	*	1,114,360	40,504
South Gondar	1,183,126	601,350	*	3,524	8,666	16,282	21,410	*	521,313	*
North Wolo	577,014	310,216	-	1,260	*	24,919	9,036	-	223,227	*
South Wolo	1,152,048	646,276	*	*	9,927	18,880	10,159	*	447,425	13,799
North Shewa	1,081,612	661,039	5,317	4,192	24,955	21,306	2,604	*	333,371	27,491
East Gojam	1,338,144	664,230	14,392	8,884	8,702	41,048	16,969	*	571,271	11,812
West Gojam	1,590,250	776,353	18,369	8,936	38,103	27,013	11,136	*	649,426	58,627
Waghamera	241,793	111,655	*	3,915	*	*	2,080	*	117,924	*
Awi	767,455	287,995	5,410	6,942	9,637	*	15,402	2,366	409,064	15,284
Oromia	180,558	84,152	-	*	1,202	*	*	*	88,323	*
Argoba Special	15,693	8,580	-	51	75	412	*	-	6,520	*
<b>Oromia</b>	15,267,472	6,015,616	262,623	307,573	187,784	3,093,286	33,477	38,259	5,055,847	273,007
West Wellega	728,643	262,461	11,682	5,150	7,684	58,117	*	*	364,926	*
East Wellega	611,471	242,952	2,495	*	*	*	1,641	*	349,397	3,626
Illubabor	802,074	293,425	7,845	*	12,595	88,530	*	*	363,709	30,952
Jimma	1,477,294	635,230	*	*	21,571	361,710	*	*	389,248	31,100
West Shewa	1,427,025	645,723	31,371	16,850	13,477	162,506	*	*	533,567	17,999
North Shewa	1,094,110	519,427	16,092	8,749	6,433	236,808	*	3,279	286,664	15,809
East Shewa	779,738	429,708	*	4,668	15,155	88,360	1,501	*	221,635	13,987
Arsi	1,694,454	789,435	20,286	30,300	34,567	430,395	6,359	6,608	338,837	37,668
West Harerghe	621,654	220,406	37,451	3,184	4,370	129,569	*	*	217,374	7,839
East Harerghe	561,056	112,020	39,544	1,869	*	55,927	-	1,711	342,593	5,780
Bale	1,037,773	411,861	3,914	3,000	33,702	456,934	*	*	84,930	41,393
Borena	665,636	88,837	*	*	*	118,915	*	*	340,168	*
South West Shewa	788,541	418,389	16,489	3,143	*	87,834	*	*	255,729	*
Guji	883,782	198,149	14,303	72,854	*	238,476	*	*	331,475	*
West Arsi	1,303,445	402,030	*	*	25,787	564,566	*	*	227,223	24,532
Kelem Wellega	357,623	156,549	2,282	*	733	*	797	*	184,117	*
Horoguduru Wellega	433,152	189,013	2,174	2,724	*	4,196	*	*	224,256	*



TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
<b>Somale</b>	342,379	43,909	8,059	30,852	*	95,109	*	1,517	161,751	-
Shinele	8,469	1,528	607	329	-	2,095	-	*	3,876	-
Jijiga	190,635	35,003	6,581	7,984	*	69,876	*	*	69,664	-
Liben	143,275	7,378	872	22,539	-	23,139	*	*	88,211	-
<b>Benshangul-Gumuz</b>	482,015	188,799	2,873	9,604	*	37,948	7,341	*	231,007	*
Metekel	393,774	159,186	2,719	9,053	*	33,784	*	*	178,614	*
Asosa	56,070	18,936	*	*	*	*	*	*	34,408	-
Kemeshi	26,727	8,276	*	*	-	*	*	*	15,340	-
Mao komo	5,444	2,402	-	*	-	282	*	-	2,645	-
<b>SNNP</b>	6,910,115	1,760,372	65,825	274,272	183,754	3,337,107	5,755	14,037	842,110	426,883
Gurage	547,994	114,656	4,989	3,173	17,154	317,633	*	802	30,049	59,316
Hadiya	591,825	209,909	*	4,330	21,768	285,403	*	*	28,658	39,381
Kembata Tembaro	238,310	70,212	1,214	*	11,497	121,610	-	*	7,164	25,631
Sidama	1,169,493	56,778	12,999	26,057	14,256	742,317	*	*	241,755	67,903
Gedio	76,333	10,993	16,810	*	*	10,732	-	2,467	29,746	*
Wolayita	506,060	147,653	1,964	3,200	23,461	257,965	1,005	*	*	62,586
South Omo	1,011,473	112,260	7,915	*	18,235	395,807	*	*	238,845	26,870
Shaka	80,331	27,381	868	278	*	35,895	451	*	12,447	*
Kaffa	557,462	212,354	2,254	*	*	256,872	*	*	83,248	*
Gamo Gofa	804,005	254,714	9,715	10,943	22,539	412,952	-	*	34,825	57,581
Bench Maji	215,127	94,495	*	*	*	91,695	*	*	26,047	*
Yem Sp. Wereda	54,274	25,327	890	*	1,873	12,655	-	*	9,812	3,638
Dawro	187,040	49,294	1,227	*	12,716	96,006	*	850	*	23,599
Basketo Sp. Wereda	30,655	11,167	331	*	871	14,927	*	*	1,532	1,365
Konta Sp. Wereda	62,580	23,346	*	*	1,823	31,562	*	*	589	4,375
Silte	366,495	139,944	*	1,875	18,278	149,284	-	-	28,796	28,141
Alaba Sp. Wereda	112,904	50,274	-	*	5,060	42,749	-	-	*	7,900
Segen People	297,753	149,615	2,776	5,470	12,356	61,044	-	*	51,310	15,071
<b>Gambela Region</b>	174,463	13,190	*	21,777	-	19,834	-	*	118,163	*
Angnuwak	20,623	10,998	*	*	-	*	-	-	4,253	-
Nuware	132,347	-	*	19,629	-	7,069	-	*	105,430	-
Mezhenger	12,006	2,193	*	-	-	9,265	-	*	408	*
Itang Special	9,487	-	-	1,038	-	*	-	-	8,073	-
<b>Harari</b>	36,513	5,672	1,860	1,283	-	8,092	*	-	19,314	*
Hundene	36,513	5,672	1,860	1,283	-	8,092	*	-	19,314	*
<b>Dire Dawa</b>	30,041	5,480	2,781	272	*	2,856	*	*	18,222	269

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

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
<b>Ethiopia</b>	15,964,599	715,123	11,054	1,129,683	85,018	82,336	57,158	13,771,801	112,426
<b>Tigray</b>	1,082,318	7,478	*	59,856	*	4,389	2,324	997,047	7,391
North West Tigray	132,894	*	-	9,900	-	2,550	-	118,542	-
Central Tigray	221,163	*	-	14,721	*	653	-	201,494	1,492
Eastern Tigray	359,820	2,968	-	12,608	*	496	-	340,821	2,233
Southern Tigray	305,982	*	-	19,055	-	690	2,324	279,364	2,379
Western Tigray	62,459	*	*	3,572	*	-	-	56,825	1,288
<b>Afar</b>	905,926	14,970	*	113,739	*	6,512	5,603	691,512	64,995
Zone 1	523,902	*	*	77,969	*	5,201	2,118	406,884	15,959
Zone 3	382,025	6,332	-	35,770	*	1,311	3,485	284,627	49,036
<b>Amhara</b>	5,657,556	268,906	*	255,284	38,379	28,913	18,041	5,032,016	11,935
North Gondar	704,712	*	*	23,863	*	15,100	-	638,692	-
South Gondar	567,412	15,603	-	22,094	2,449	2,510	1,022	522,766	968
North Wolo	446,027	33,962	*	25,313	*	1,306	3,580	378,409	2,164
South Wolo	1,077,886	57,416	*	97,078	23,860	-	2,329	894,924	2,059
North Shewa	973,428	91,264	*	55,253	*	1,735	4,937	809,031	1,905
East Gojam	755,593	24,912	-	7,700	-	838	2,193	718,497	1,453
West Gojam	618,717	9,351	-	3,442	*	2,022	-	602,468	500
Waghamera	111,156	2,544	*	11,281	*	-	169	95,404	596
Awi	336,804	2,542	-	6,745	*	5,401	3,810	317,348	-
Oromia	61,531	5,344	-	2,464	*	-	-	50,911	2,291
Argoba Special	4,288	*	-	*	62	-	-	3,567	-
<b>Oromia</b>	5,014,458	293,890	5,353	317,551	26,655	30,073	25,837	4,298,646	16,452
West Wellega	142,682	3,485	-	4,717	-	534	1,208	132,301	437
East Wellega	100,895	2,021	-	1,358	*	-	370	96,877	-
Illubabor	198,007	4,986	*	8,126	*	414	1,749	181,589	197
Jimma	386,604	25,723	-	3,898	*	3,178	1,692	350,286	566
West Shewa	472,385	20,042	-	16,694	*	2,669	3,957	427,904	782
North Shewa	717,370	45,147	-	12,785	*	2,602	2,056	653,929	276
East Shewa	218,808	5,448	*	11,146	*	1,127	2,727	196,793	-
Arsi	821,724	75,635	*	59,295	*	3,741	1,566	668,151	1,726
West Harerghe	80,021	3,296	-	2,683	-	261	-	73,234	547
East Harerghe	214,324	31,328	*	2,901	*	293	275	177,004	1,379
Bale	135,059	7,589	-	9,876	*	384	-	116,608	306
Borena	346,283	8,479	-	*	*	458	892	230,489	1,291
South West Shewa	214,653	20,788	-	*	-	2,572	1,719	186,742	-
Guji	236,794	12,431	*	17,598	*	10,695	5,249	185,456	3,254
West Arsi	517,373	17,469	*	*	*	1,064	1,824	427,738	5,037
Kelem Wellega	105,340	*	-	3,313	*	-	158	93,158	653
Horoguduru Wellega	106,137	2,296	*	1,689	*	80	397	100,388	-

TABLE 3-8 CONT'D

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
<b>Somale</b>	538,591	28,329	*	67,691	*	2,437	221	437,330	924
Shinele	27,144	2,538	*	2,316	-	252	-	21,923	102
Jijiga	369,100	24,254	*	39,420	*	1,421	128	301,461	822
Liben	142,346	1,536	*	25,956	-	765	92	113,946	-
<b>Benshangul-Gumuz</b>	41,873	1,130	*	2,730	-	92	59	37,782	-
Metekel	27,112	*	*	1,964	-	-	-	24,615	-
Asosa	8,252	*	-	*	-	-	-	7,615	-
Kemeshi	2,929	*	-	142	-	92	-	2,328	-
Mao Komo	3,579	*	-	*	-	-	59	3,224	-
<b>SNNP</b>	2,665,139	95,642	*	310,321	6,910	9,886	5,074	2,226,053	10,728
Gurage	159,650	5,466	-	6,871	-	1,173	1,239	144,901	-
Hadiya	127,126	6,826	-	6,124	*	251	779	110,073	2,804
Kembata Tembaro	49,135	4,919	-	2,861	*	-	-	40,593	-
Sidama	285,201	8,201	-	14,126	*	2,123	739	257,620	1,828
Gedio	116,761	*	*	8,035	-	427	552	103,222	265
Wolayita	104,856	3,574	-	7,117	*	-	536	93,071	291
South Omo	828,202	23,240	-	*	*	2,361	620	584,938	3,829
Shaka	28,730	1,011	-	*	*	40	66	25,653	439
Kaffa	266,212	6,967	-	*	-	1,736	-	249,970	696
Gamo Gofa	252,081	10,590	*	19,300	-	1,121	-	220,819	-
Bench Maji	101,475	*	-	5,757	-	-	260	87,640	-
Yem Sp. Wereda	14,826	446	-	*	-	-	-	13,810	-
Dawro	42,450	3,010	-	1,663	-	211	46	37,456	64
Basketo Sp. Wereda	9,600	*	-	564	-	-	-	8,964	-
Konta Sp. Wereda	13,463	*	-	*	-	57	-	9,016	-
Silte	171,742	4,247	-	7,215	*	385	-	159,207	511
Alaba Sp. Wereda	30,036	*	-	764	-	-	237	28,546	-
Segen People	63,594	2,639	-	9,797	*	-	-	50,554	-
<b>Gambela Region</b>	20,315	*	-	2,154	-	33	-	15,932	-
Angnuwak	*	*	-	*	-	-	-	1,023	-
Nuware	12,451	-	-	1,898	-	-	-	10,553	-
Mezhenger	4,761	608	-	*	-	33	-	4,086	-
Itang Special	*	-	-	*	-	-	-	270	-
<b>Harari</b>	3,972	*	-	*	-	-	-	3,677	-
Hundene	3,972	*	-	*	-	-	-	3,677	-
<b>Dire Dawa</b>	34,451	2,372	-	273	-	-	-	31,806	-

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

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
<b>Ethiopia</b>	15,238,542	725,971	1,695,011	73,689	53,491	1,259,412	11,405,165	25,802
<b>Tigray</b>	2,404,220	30,321	204,475	15,266	4,995	*	2,147,295	*
North West Tigray	1,159,270	19,161	86,838	*	*	*	1,042,852	-
Central Tigray	575,686	*	58,628	*	*	-	507,001	-
Eastern Tigray	116,764	*	9,322	*	-	*	105,645	-
Southern Tigray	235,576	*	20,198	-	-	*	211,627	-
Western Tigray	316,925	4,241	29,488	*	*	-	280,170	*
<b>Afar</b>	1,849,621	25,542	202,631	*	11,592	537,739	1,064,276	*
Zone 1	949,877	*	115,075	*	*	291,009	518,820	*
Zone 3	899,744	*	87,556	*	*	246,730	545,456	*
<b>Amhara</b>	3,074,136	300,397	202,185	25,215	10,580	*	2,517,245	5,740
North Gondar	848,214	31,535	50,637	*	*	*	748,444	-
South Gondar	249,417	17,721	15,599	*	*	*	212,258	-
North Wolo	241,928	13,720	20,869	*	*	*	204,708	*
South Wolo	468,092	56,165	33,894	*	*	-	367,420	*
North Shewa	464,607	120,966	30,771	6,697	*	*	302,846	*
East Gojam	213,176	23,743	*	-	-	-	181,706	*
West Gojam	119,152	13,422	*	*	-	-	102,816	-
Waghamera	261,534	8,734	29,038	*	-	*	221,496	*
Awi	75,911	*	5,336	*	*	-	61,433	-
Oromia	121,130	7,084	5,752	2,616	*	*	105,189	-
Argoba Special	10,974	1,266	540	170	*	-	8,929	*
<b>Oromia</b>	3,938,083	221,445	326,629	15,563	13,804	245,327	3,102,128	13,187
West Wellega	53,022	*	*	-	*	-	49,770	*
East Wellega	56,455	2,625	1,398	*	-	*	50,975	*
Illubabor	114,588	2,527	4,356	*	*	*	105,271	*
Jimma	214,952	10,527	3,603	-	-	*	199,596	-
West Shewa	191,824	13,623	8,434	-	*	-	167,974	*
North Shewa	155,603	10,140	9,806	-	-	-	135,657	-
East Shewa	293,011	3,260	25,108	-	*	*	259,900	-
Arsi	357,690	23,666	24,116	*	*	31,904	269,945	*
West Harerghe	400,364	35,682	24,761	*	*	*	306,351	*
East Harerghe	508,851	54,952	14,724	*	*	7,089	425,745	*
Bale	354,416	13,798	35,357	*	*	92,502	208,585	*
Borena	521,489	12,801	*	*	*	16,758	367,044	*
South West Shewa	178,760	20,832	6,224	-	*	-	150,826	*
Guji	219,374	5,477	23,994	*	*	36,290	151,193	*
West Arsi	209,381	*	15,685	*	*	25,153	156,997	*
Kelem Wellega	47,129	*	1,520	*	-	-	43,422	-
Horoguduru Wellega	61,174	3,007	4,509	*	-	-	52,877	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
<b>Somale</b>	786,107	27,037	111,740	*	5,269	78,104	563,726	*
Shinele	75,519	5,046	5,015	-	*	7,411	57,383	-
Jijiga	263,211	12,387	38,706	-	606	11,597	199,915	-
Liben	447,377	9,603	68,020	*	*	59,097	306,429	*
<b>Benshangul-Gumuz</b>	180,842	3,054	14,756	*	1,505	*	160,559	*
Metekel	92,889	*	6,333	*	*	-	82,524	*
Asosa	65,272	*	6,420	-	*	-	58,101	*
Kemeshi	13,694	*	1,467	*	*	-	11,896	-
Mao Komo	8,987	*	*	*	-	*	8,037	-
<b>SNNP</b>	2,814,920	100,847	625,782	11,759	5,414	381,288	1,686,930	2,900
Gurage	61,765	2,016	5,978	*	-	*	47,119	*
Hadiya	90,013	*	*	*	*	*	78,828	*
Kembata Tembaro	30,151	1,376	1,056	*	-	*	26,619	*
Sidama	186,842	25,596	17,713	-	*	42,605	100,052	-
Gedio	11,808	*	*	-	-	-	10,529	-
Wolayita	80,483	4,417	4,956	*	-	*	70,378	-
South Omo	1,615,398	39,262	*	*	*	308,893	726,248	*
Shaka	8,603	*	*	-	*	*	7,439	-
Kaffa	121,987	2,634	1,988	*	*	*	116,562	-
Gamo Gofa	189,691	4,842	14,653	*	*	*	166,670	*
Bench Maji	46,336	1,678	2,357	*	-	-	42,190	-
Yem Sp. Wereda	18,740	518	242	-	-	-	17,981	-
Dawro	29,650	3,541	1,390	-	*	*	24,387	*
Basketo Sp. Wereda	8,142	*	1,356	-	-	-	6,156	-
Konta Sp. Wereda	7,866	*	*	-	*	-	7,327	-
Silte	115,600	6,375	3,099	*	-	14,550	91,387	-
Alaba Sp. Wereda	36,916	*	1,713	-	*	*	29,946	-
Segen People	154,927	4,831	30,238	*	*	*	117,113	*
<b>Gambela Region</b>	46,602	*	4,419	-	*	*	39,568	-
Angnuwak	18,512	*	1,769	-	-	*	15,639	-
Nuware	21,524	*	2,245	-	*	*	18,150	-
Mezhenger	2,334	*	-	-	-	-	1,952	-
Itang Special	4,232	-	405	-	-	-	3,826	-
<b>Harari</b>	34,065	2,480	1,185	*	*	585	29,733	-
Hundene	34,065	2,480	1,185	*	*	585	29,733	-
<b>Dire Dawa</b>	109,947	13,253	1,208	-	*	*	93,705	-

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

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Ethiopia</b>	1,743,315	743,632	101,418	9,287	575,362	165,592	148,025
<b>Tigray</b>	3,254	779	-	*	1,668	-	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	-	-	*	*	-	-
Southern Tigray	*	-	-	-	*	-	-
Western Tigray	1,886	779	-	-	*	-	*
<b>Afar</b>	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
<b>Amhara</b>	387,206	58,663	82,887	*	40,841	137,319	66,436
North Gondar	*	4,714	*	-	*	*	-
South Gondar	29,261	5,899	*	*	*	*	8,881
North Wolo	23,766	*	*	-	*	12,150	2,853
South Wolo	65,612	12,970	*	*	6,301	31,145	9,498
North Shewa	40,848	5,907	*	-	17,808	6,785	*
East Gojam	84,172	19,231	22,558	-	8,358	19,314	14,711
West Gojam	*	*	*	-	*	*	*
Waghamera	*	*	-	-	*	-	-
Awi	82,867	5,301	30,981	*	*	44,744	*
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
<b>Oromia</b>	1,037,898	541,789	5,637	1,988	424,487	8,583	55,415
West Wellega	*	-	-	-	*	-	-
East Wellega	*	*	-	-	*	-	-
Illubabor	47,937	19,285	*	*	21,413	*	*
Jimma	82,450	42,219	*	*	17,643	-	21,995
West Shewa	114,968	59,763	*	*	35,725	*	*
North Shewa	64,468	20,773	*	-	39,228	*	2,688
East Shewa	20,762	17,747	*	*	*	-	-
Arsi	217,140	100,191	-	-	113,515	-	*
West Harerghe	-	-	-	-	-	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	64,827	42,751	-	-	21,786	-	*
Borena	*	*	-	-	*	-	-
South West Shewa	62,827	50,672	*	*	9,880	*	*
Guji	126,634	65,475	*	-	55,968	*	*
West Arsi	186,251	100,462	-	-	85,367	-	*
Kelem Wellega	*	3,863	-	-	*	*	-
Horoguduru Wellega	35,476	16,631	*	*	13,256	*	4,683

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	*	*	-	-	*	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	*	*	-	-	*	-	-
Liben	-	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	*	*	*	-	*	*	*
Metekel	*	*	*	-	*	*	*
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
<b>SNNP</b>	312,329	141,069	12,629	5,607	108,066	19,558	25,401
Gurage	36,573	13,192	-	-	20,992	-	*
Hadiya	27,292	10,306	-	*	14,164	*	*
Kembata Tembaro	7,856	3,741	-	*	1,984	*	*
Sidama	40,482	27,318	-	-	13,164	-	-
Gedio	18,582	10,591	-	*	4,629	-	*
Wolayita	*	*	-	-	-	-	-
South Omo	21,362	*	*	-	*	*	*
Shaka	10,374	7,965	-	*	*	-	*
Kaffa	64,662	37,473	-	*	16,180	-	7,889
Gamo Gofa	36,341	*	*	*	*	12,333	*
Bench Maji	8,188	3,775	-	*	4,030	-	*
Yem Sp. Wereda	698	319	-	-	378	-	-
Dawro	4,969	2,670	-	-	1,663	-	*
Basketo Sp. Wereda	647	241	204	-	168	*	-
Konta Sp. Wereda	1,548	644	-	*	*	-	*
Silte	25,875	5,862	-	*	13,905	-	5,429
Alaba Sp. Wereda	2,388	1,179	-	-	1,120	-	*
Segen People	*	*	-	-	*	-	-
<b>Gambela Region</b>	747	747	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	747	747	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
<b>Dire Dawa</b>	*	*	-	-	-	-	-

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

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Ethiopia</b>	6,535,409	2,557,448	394,214	35,708	2,851,619	557,081	139,340
<b>Tigray</b>	649,345	320,751	21,289	*	291,215	13,490	2,542
North West Tigray	185,359	79,772	-	-	105,199	-	*
Central Tigray	151,370	64,265	*	-	71,782	*	*
Eastern Tigray	117,851	63,981	*	-	45,921	*	*
Southern Tigray	137,670	71,535	*	-	53,234	*	-
Western Tigray	57,095	41,199	-	*	15,078	-	*
<b>Afar</b>	77,363	34,462	*	*	40,831	*	*
Zone 1	32,986	16,605	-	*	14,839	-	*
Zone 3	44,378	17,857	*	*	25,992	*	-
<b>Amhara</b>	2,232,332	686,408	215,688	*	883,103	345,153	91,667
North Gonder	384,752	160,865	24,883	*	139,976	51,034	*
South Gonder	251,654	49,871	13,752	*	137,162	36,941	13,448
North Wolo	158,821	53,384	4,464	-	92,061	5,623	*
South Wolo	367,470	101,593	22,368	*	185,815	19,809	35,168
North Shewa	351,818	165,944	29,835	-	126,183	27,689	2,167
East Gojam	315,382	50,027	71,609	*	53,772	118,980	20,545
West Gojam	225,341	43,130	39,335	-	78,324	57,015	*
Waghamera	70,463	30,535	*	*	27,713	*	*
Awi	66,050	18,101	5,350	*	16,352	23,241	*
Oromia	37,450	11,677	*	-	23,959	*	*
Argoba Special	3,130	1,281	-	*	1,786	*	32
<b>Oromia</b>	2,686,603	1,139,183	76,292	4,775	1,307,053	124,073	35,228
West Wellega	106,469	34,204	*	*	62,073	*	*
East Wellega	70,862	29,658	*	-	32,112	*	5,270
Illubabor	37,628	11,510	*	*	23,596	*	*
Jimma	81,405	38,341	*	*	28,319	*	*
West Shewa	198,070	80,019	*	-	104,019	9,892	*
North Shewa	214,270	44,438	24,696	*	90,025	54,293	*
East Shewa	297,286	153,190	*	*	133,703	*	*
Arsi	401,166	172,497	*	*	219,162	*	*
West Harerghe	184,520	83,540	2,821	*	94,585	*	*
East Harerghe	208,760	83,878	*	-	106,393	9,735	*
Bale	212,014	113,529	-	-	97,695	-	*
Borena	61,878	27,488	*	*	31,452	*	*
South West Shewa	192,878	82,950	10,651	-	61,018	36,455	*
Guji	80,408	43,707	-	-	36,700	-	-
West Arsi	222,531	80,651	*	*	138,562	*	*
Kelem Wellega	52,072	34,620	-	-	16,868	-	*
Horoguduru Wellega	64,386	24,961	*	*	30,771	*	4,295



TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	114,731	62,565	*	*	49,535	*	797
Shinele	5,944	3,129	*	-	2,598	*	*
Jijiga	49,615	24,199	*	*	23,978	*	*
Liben	59,173	35,237	-	*	22,960	*	510
<b>Benshangul-Gumuz</b>	64,950	19,955	27,218	*	5,247	8,869	*
Metekel	41,659	13,643	19,354	*	*	4,315	*
Asosa	16,652	4,390	4,475	-	3,475	3,874	*
Kemeshi	5,560	1,879	3,015	*	*	*	*
Mao Komo	1,079	*	373	*	*	512	*
<b>SNNP</b>	681,919	281,498	52,421	18,849	260,086	*	4,935
Gurage	75,695	32,214	-	-	43,481	-	-
Hadiya	98,351	41,326	-	*	56,490	-	-
Kembata Tembaro	39,940	33,179	-	*	6,613	-	-
Sidama	91,325	68,563	-	*	15,126	-	*
Gedio	5,709	4,623	-	-	*	-	-
Wolayita	37,546	25,288	-	8,164	*	-	*
South Omo	*	3,789	*	737	6,990	*	*
Shaka	2,329	2,255	-	*	-	-	-
Kaffa	2,060	*	*	*	*	*	-
Gamo Gofa	56,624	21,037	10,136	*	*	21,017	-
Bench Maji	2,381	2,277	-	-	*	-	-
Yem Sp. Wereda	4,459	1,307	*	-	2,937	*	-
Dawro	2,329	905	*	755	*	-	338
Basketo Sp. Wereda	817	209	*	-	330	*	-
Konta Sp. Wereda	1,116	649	*	*	*	-	*
Silte	104,495	20,024	-	*	83,222	*	*
Alaba Sp. Wereda	35,851	8,634	-	*	27,132	-	-
Segen People	39,600	14,454	13,311	-	8,420	3,299	*
<b>Gambela Region</b>	1,692	1,558	-	*	*	-	-
Angnuwak	*	*	-	*	*	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	11,328	6,478	*	-	4,195	*	-
Hundene	11,328	6,478	*	-	4,195	*	-
<b>Dire Dawa</b>	15,147	4,590	*	-	10,261	*	-

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

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Ethiopia</b>	352,229	147,422	22,010	3,293	166,028	11,617	*
<b>Tigray</b>	7,261	4,079	-	-	3,182	-	-
North West Tigray	2,144	*	-	-	*	-	-
Central Tigray	*	-	-	-	*	-	-
Eastern Tigray	883	*	-	-	*	-	-
Southern Tigray	*	*	-	-	837	-	-
Western Tigray	1,252	1,008	-	-	*	-	-
<b>Afar</b>	*	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	*	-	-
<b>Amhara</b>	146,203	49,135	15,298	*	73,086	6,890	*
North Gonder	15,964	8,187	*	-	6,702	*	-
South Gonder	15,870	*	*	-	9,301	*	-
North Wolo	9,993	2,953	-	*	6,092	*	*
South Wolo	26,444	10,427	*	-	13,229	*	-
North Shewa	8,818	5,471	-	-	3,347	-	-
East Gojam	19,609	*	*	*	4,842	*	-
West Gojam	37,610	7,043	*	-	24,670	*	*
Waghamera	2,313	797	-	-	1,516	-	-
Awi	9,422	5,128	*	-	3,227	*	-
Oromia	*	-	-	-	*	-	-
Argoba Special	-	-	-	-	-	-	-
<b>Oromia</b>	128,752	65,397	*	-	61,584	*	-
West Wellega	3,162	*	-	-	804	-	-
East Wellega	6,433	1,768	-	-	4,664	-	-
Illubabor	12,996	6,213	*	-	6,005	*	-
Jimma	16,701	5,926	*	-	10,385	-	-
West Shewa	7,262	3,205	-	-	3,776	*	-
North Shewa	3,583	*	-	-	3,250	-	-
East Shewa	5,680	5,461	-	-	*	-	-
Arsi	27,545	15,450	-	-	12,095	-	-
West Harerghe	*	*	-	-	*	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	15,232	9,694	-	-	5,538	-	-
Borena	*	*	-	-	*	-	-
South West Shewa	5,180	1,832	-	-	3,024	*	-
Guji	6,506	3,103	-	-	3,403	-	-
West Arsi	4,486	2,824	-	-	*	-	-
Kelem Wellega	6,245	3,829	-	-	2,415	-	-
Horoguduru Wellega	1,856	931	-	-	925	-	-

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
<b>Somale</b>	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	1,783	509	*	-	712	*	*
Metekel	1,641	461	*	-	703	*	*
Asosa	-	-	-	-	-	-	-
Kemeshi	*	*	*	-	*	*	-
Mao Komo	-	-	-	-	-	-	-
<b>SNNP</b>	67,246	27,679	5,663	2,679	27,103	3,573	*
Gurage	4,165	*	-	-	2,474	-	-
Hadiya	5,490	2,747	-	-	2,744	-	-
Kembata Tembaro	1,722	*	-	-	1,340	-	-
Sidama	*	*	-	-	*	-	-
Gedio	3,466	1,430	-	-	2,037	-	-
Wolayita	*	*	-	*	-	-	-
South Omo	4,968	*	1,881	-	*	*	-
Shaka	2,478	953	-	-	*	-	-
Kaffa	9,470	4,672	-	2,472	2,019	-	*
Gamo Gofa	14,276	5,426	3,616	-	3,150	*	-
Bench Maji	2,328	972	-	-	1,357	-	-
Yem Sp. Wereda	289	*	-	-	219	-	-
Dawro	4,861	2,687	-	-	2,051	*	*
Basketo Sp. Wereda	671	186	*	-	188	*	-
Konta Sp. Wereda	710	446	-	-	*	-	-
Silte	1,312	*	-	-	*	-	*
Alaba Sp. Wereda	*	-	-	-	*	-	-
Segen People	*	*	-	-	*	-	-
<b>Gambela Region</b>	*	*	-	-	*	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	*	-	-
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	-	-	-

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

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALE				FEMALE				
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
<b>Ethiopia</b>	883,887	208,279	9,938	17,666	34,602	*	43,363	*	279,999	273,956
<b>Tigray</b>	48,854	34,430	*	11,221	-	-	*	*	*	*
North West Tigray	23,262	19,550	-	3,712	-	-	-	-	-	-
Central Tigray	4,623	2,498	-	*	-	-	-	-	-	*
Eastern Tigray	*	-	*	-	-	-	-	-	-	-
Southern Tigray	11,866	*	-	*	-	-	*	-	*	*
Western Tigray	8,893	4,108	-	4,529	-	-	*	*	-	-
<b>Afar</b>	345,345	57,901	*	-	6,902	*	11,290	-	149,080	118,847
Zone 1	146,854	45,128	*	-	*	*	5,710	-	46,220	45,410
Zone 3	198,492	12,773	-	-	*	-	5,580	-	102,860	73,436
<b>Amhara</b>	62,472	54,402	*	*	*	-	*	-	*	-
North Gondar	-	-	-	-	-	-	-	-	-	-
South Gondar	-	-	-	-	-	-	-	-	-	-
North Wolo	13,829	11,608	-	*	*	-	-	-	-	-
South Wolo	11,609	10,784	-	*	-	-	-	-	-	-
North Shewa	21,716	20,044	-	*	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-
Oromia	14,493	11,231	*	*	*	-	*	-	*	-
Argoba Special	826	736	-	*	*	-	-	-	-	-
<b>Oromia</b>	201,765	19,771	6,350	*	11,465	*	*	*	67,361	77,205
West Wellega	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	-	-	-	-	-	-	*	*
Arsi	*	-	-	-	*	-	-	*	*	*
West Harerghe	*	*	*	-	*	-	*	-	*	*
East Harerghe	22,431	*	*	*	-	*	*	-	*	*
Bale	17,930	2,832	*	-	*	*	*	*	10,187	*
Borena	35,958	3,670	*	-	*	-	*	*	17,634	10,404
South West Shewa	-	-	-	-	-	-	-	-	-	-
Guji	20,186	*	*	*	*	-	*	-	*	-
West Arsi	*	-	-	-	-	-	-	-	-	*
Kelem Wellega	-	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-	-	-	-	-

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>Somale</b>	214,839	38,379	1,791	*	15,249	*	16,795	*	58,481	72,759
Shinele	5,558	1,743	90	-	*	*	601	*	1,118	1,721
Jijiga	67,299	19,849	*	*	*	*	6,661	*	18,777	15,885
Liben	141,982	16,787	*	-	*	*	9,533	*	38,586	55,153
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	*	-	-	*	-	-	-	*	-	*
Gurage	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-
South Omo	*	-	-	*	-	-	-	*	-	*
Shaka	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	*	*	*	-	*	-	-	-	*	*
Hundene	*	*	*	-	*	-	-	-	*	*
<b>Dire Dawa</b>	6,320	3,196	-	-	-	-	*	*	898	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	59,486,667	26,080,049	356,887	41,442	32,333,524	607,811	66,954
<b>Tigray</b>	4,791,341	2,298,404	45,327	6,501	2,374,962	49,264	16,883
North West Tigray	1,877,685	846,557	16,892	2,279	985,326	18,252	*
Central Tigray	800,677	449,435	11,537	*	329,513	5,575	3,383
Eastern Tigray	465,556	240,230	13,249	*	186,338	19,106	3,705
Southern Tigray	762,323	404,002	*	-	351,024	4,136	*
Western Tigray	885,100	358,181	*	*	522,762	*	*
<b>Afar</b>	1,315,917	264,116	*	-	1,050,048	*	*
Zone 1	921,009	182,210	-	-	738,275	*	*
Zone 3	394,909	81,907	*	-	311,773	*	-
<b>Amhara</b>	15,982,541	7,968,988	106,528	10,875	7,725,559	162,227	8,363
North Gonder	3,666,360	1,643,953	*	-	2,009,022	8,838	*
South Gonder	1,808,185	923,725	*	*	862,396	*	*
North Wolo	861,888	450,929	*	*	397,062	8,700	*
South Wolo	1,756,314	914,259	33,550	*	743,982	55,179	*
North Shewa	1,482,346	867,861	25,463	*	559,898	26,614	*
East Gojam	2,071,364	1,069,035	13,198	*	964,465	22,243	*
West Gojam	2,438,956	1,244,148	7,891	*	1,176,423	9,579	-
Waghamera	353,167	171,395	-	-	181,570	*	-
Awi	1,231,447	529,568	*	-	672,569	*	-
Oromia	288,941	141,649	*	-	147,064	*	-
Argoba Special	23,573	12,464	-	-	11,109	-	-
<b>Oromia</b>	24,144,361	10,671,671	157,968	18,750	13,025,021	242,585	28,365
West Wellega	1,118,389	462,316	*	-	655,449	*	-
East Wellega	998,283	433,821	*	-	563,969	*	-
Illubabor	1,305,527	544,183	*	-	759,808	*	-
Jimma	2,324,110	1,115,287	*	-	1,208,073	*	-
West Shewa	2,253,959	1,105,875	4,203	-	1,136,141	*	*
North Shewa	1,676,748	754,080	65,014	5,226	747,834	95,031	*
East Shewa	1,140,843	622,830	*	-	515,724	*	*
Arsi	2,545,778	1,186,993	53,748	10,043	1,202,503	79,572	12,920
West Harerghe	1,067,952	458,469	*	-	605,200	*	-
East Harerghe	1,082,252	411,287	*	-	664,253	*	*
Bale	1,575,872	681,210	6,910	*	878,762	*	*
Borena	1,056,040	356,011	-	-	700,030	-	-
South West Shewa	1,177,452	624,049	2,364	*	543,910	*	*
Guji	1,472,367	528,367	*	-	943,686	-	-
West Arsi	2,104,092	804,071	20,734	*	1,238,278	39,753	*
Kelem Wellega	569,399	265,832	-	-	303,389	-	*
Horoguduru Wellega	675,297	316,990	*	-	358,014	*	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	584,983	184,458	-	-	400,525	-	-
Shinele	14,548	5,287	-	-	9,261	-	-
Jijiga	327,330	110,966	-	-	216,365	-	-
Liben	243,104	68,205	-	-	174,899	-	-
<b>Benshangul-Gumuz</b>	777,915	345,475	-	-	432,440	-	-
Metekel	634,696	290,412	-	-	344,284	-	-
Asosa	87,854	33,326	-	-	54,527	-	-
Kemeshi	45,729	17,276	-	-	28,453	-	-
Mao Komo	9,637	4,461	-	-	5,176	-	-
<b>SNNP</b>	11,485,147	4,221,672	46,346	*	7,048,699	151,296	11,899
Gurage	916,309	295,690	2,103	*	612,277	5,857	*
Hadiya	929,689	374,437	8,883	*	518,522	25,989	*
Kembata Tembaro	372,338	119,452	17,992	*	169,324	63,283	1,918
Sidama	2,172,015	505,900	6,454	*	1,616,111	33,659	*
Gedio	120,241	58,104	-	-	61,610	*	*
Wolayita	841,729	325,357	*	-	504,813	6,238	*
South Omo	1,754,567	651,817	1,889	-	1,095,974	4,887	-
Shaka	142,901	60,075	*	-	82,177	*	-
Kaffa	921,964	391,484	*	-	529,292	*	-
Gamo Gofa	1,301,056	522,859	*	-	774,423	2,903	-
Bench Maji	334,502	150,133	-	-	184,368	-	-
Yem Sp. Wereda	74,374	37,143	*	-	37,095	*	-
Dawro	313,719	119,752	*	*	192,743	*	*
Basketo Sp. Wereda	50,852	21,830	269	-	28,330	422	-
Konta Sp. Wereda	105,651	44,979	*	-	60,581	*	-
Silte	547,666	236,698	2,302	-	303,843	4,823	-
Alaba Sp. Wereda	164,226	80,027	548	*	81,802	718	*
Segen People	421,349	225,936	-	-	195,413	-	-
<b>Gambela Region</b>	282,654	82,547	-	-	200,107	-	-
Angnuwak	28,552	17,438	-	-	11,114	-	-
Nuware	213,719	53,560	-	-	160,160	-	-
Mezhenger	24,422	7,656	-	-	16,766	-	-
Itang Special	15,961	3,894	-	-	12,067	-	-
<b>Harari</b>	69,387	23,955	*	*	42,645	*	1,051
Hundene	69,387	23,955	*	*	42,645	*	1,051
<b>Dire Dawa</b>	52,421	18,762	*	-	33,518	*	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	30,697,942	8,514,579	32,126	5,579	22,098,397	34,152	13,109
<b>Tigray</b>	2,041,731	494,571	*	-	1,545,658	*	-
North West Tigray	238,950	63,851	*	-	174,452	*	-
Central Tigray	408,951	109,836	-	-	299,115	-	-
Eastern Tigray	678,582	159,482	*	-	518,539	*	-
Southern Tigray	597,851	136,568	-	-	461,283	-	-
Western Tigray	117,398	24,834	*	-	92,269	*	-
<b>Afar</b>	1,729,159	449,211	-	*	1,278,274	-	*
Zone 1	958,778	273,781	-	*	683,322	-	*
Zone 3	770,381	175,430	-	-	594,951	-	-
<b>Amhara</b>	10,735,926	2,897,218	26,889	4,740	7,769,662	26,716	10,701
North Gonder	1,398,748	349,965	*	-	1,047,731	*	-
South Gonder	1,085,652	270,268	*	*	803,102	*	*
North Wolo	819,569	226,427	*	*	567,234	*	*
South Wolo	1,991,087	636,984	*	*	1,336,193	6,150	*
North Shewa	1,809,597	540,001	*	-	1,268,847	-	-
East Gojam	1,403,264	294,268	*	-	1,099,165	*	-
West Gojam	1,242,591	308,735	-	-	933,856	-	-
Waghamera	185,120	45,464	-	*	138,931	-	*
Awi	676,509	181,678	-	-	494,243	*	-
Oromia	116,388	41,087	-	-	75,302	-	-
Argoba Special	7,400	2,341	-	-	5,059	-	-
<b>Oromia</b>	9,866,172	2,822,247	-	-	7,043,007	*	-
West Wellega	332,350	99,265	-	-	233,085	-	-
East Wellega	249,109	73,890	-	-	175,219	-	-
Illubabor	386,669	98,268	-	-	288,400	-	-
Jimma	760,133	209,687	-	-	550,446	-	-
West Shewa	1,010,849	261,548	-	-	749,301	-	-
North Shewa	1,305,774	337,921	-	-	967,580	*	-
East Shewa	427,933	107,853	-	-	319,784	*	-
Arsi	1,587,876	478,934	-	-	1,108,942	-	-
West Harerghe	153,970	36,389	-	-	117,581	-	-
East Harerghe	439,553	143,220	-	-	296,333	-	-
Bale	280,663	78,664	-	-	201,999	-	-
Borena	573,369	204,608	-	-	368,762	-	-
South West Shewa	440,756	127,460	-	-	312,946	*	-
Guji	473,978	139,262	-	-	334,716	-	-
West Arsi	983,875	290,984	-	-	692,891	-	-
Kelem Wellega	230,242	71,374	-	-	158,868	-	-
Horoguduru Wellega	229,072	62,918	-	-	166,155	-	-



TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	1,022,298	295,240	-	-	727,059	-	-
Shinele	51,799	15,061	-	-	36,738	-	-
Jijiga	698,291	206,337	-	-	491,954	-	-
Liben	272,208	73,841	-	-	198,367	-	-
<b>Benshangul-Gumuz</b>	100,013	29,539	-	-	70,474	-	-
Metekel	65,101	19,982	-	-	45,119	-	-
Asosa	19,274	4,505	-	-	14,769	-	-
Kemeshi	6,662	2,483	-	-	4,180	-	-
Mao Komo	8,975	2,569	-	-	6,406	-	-
<b>SNNP</b>	5,087,007	1,494,161	4,441	*	3,581,021	5,811	*
Gurage	316,600	84,306	*	*	227,829	*	*
Hadiya	249,257	72,125	-	-	177,132	-	-
Kembata Tembaro	109,732	44,070	-	-	65,661	-	-
Sidama	519,655	132,286	-	-	386,834	*	-
Gedio	236,253	65,072	-	-	171,181	-	-
Wolayita	240,315	74,059	-	-	166,256	-	-
South Omo	*	*	*	-	1,015,141	*	-
Shaka	65,249	21,307	-	-	43,941	-	-
Kaffa	479,120	115,080	-	-	364,040	-	-
Gamo Gofa	476,329	118,935	*	-	352,609	*	-
Bench Maji	181,203	48,676	-	-	132,527	-	-
Yem Sp. Wereda	26,426	6,080	-	-	20,314	*	-
Dawro	87,660	25,298	-	-	62,362	-	-
Basketo Sp. Wereda	18,243	4,178	*	-	13,999	*	-
Konta Sp. Wereda	26,283	11,641	*	-	14,281	*	-
Silte	331,455	80,590	*	-	249,490	*	-
Alaba Sp. Wereda	56,839	13,115	-	-	43,724	-	-
Segen People	108,792	35,092	-	-	73,700	-	-
<b>Gambela Region</b>	44,302	15,693	-	-	28,609	-	-
Angnuwak	*	*	-	-	*	-	-
Nuware	27,390	7,528	-	-	19,862	-	-
Mezhenger	12,425	5,716	-	-	6,709	-	-
Itang Special	*	*	-	-	*	-	-
<b>Harari</b>	7,100	1,918	-	-	5,182	-	-
Hundene	7,100	1,918	-	-	5,182	-	-
<b>Dire Dawa</b>	64,234	14,783	-	-	49,451	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Ethiopia</b>	30,200,226	8,871,652	*	*	21,319,461	*	*
<b>Tigray</b>	4,584,138	1,107,124	*	*	3,469,919	*	-
North West Tigray	2,163,416	489,314	*	-	1,671,571	*	-
Central Tigray	1,081,261	296,174	-	-	785,087	-	-
Eastern Tigray	214,265	52,424	-	-	161,841	-	-
Southern Tigray	458,283	108,595	-	-	349,688	-	-
Western Tigray	666,913	160,617	*	*	501,732	*	-
<b>Afar</b>	3,461,260	754,269	-	-	2,706,991	-	-
Zone 1	1,778,848	417,506	-	-	1,361,342	-	-
Zone 3	1,682,412	336,763	-	-	1,345,649	-	-
<b>Amhara</b>	6,438,600	2,112,496	-	-	4,325,269	*	-
North Gonder	1,947,196	563,344	-	-	1,383,018	*	-
South Gonder	514,746	153,533	-	-	361,213	-	-
North Wolo	459,482	147,089	-	-	312,393	-	-
South Wolo	975,070	334,474	-	-	640,596	-	-
North Shewa	953,293	430,465	-	-	522,828	-	-
East Gojam	451,290	145,553	-	-	305,737	-	-
West Gojam	277,189	86,457	-	-	190,732	-	-
Waghamera	432,885	107,670	-	-	325,215	-	-
Awi	162,576	56,401	-	-	106,175	-	-
Oromia	241,399	79,280	-	-	162,119	-	-
Argoba Special	23,472	8,230	-	-	15,242	-	-
<b>Oromia</b>	8,129,784	2,459,144	-	-	5,670,640	-	-
West Wellega	135,555	34,575	-	-	100,980	-	-
East Wellega	151,293	51,565	-	-	99,727	-	-
Illubabor	248,602	67,688	-	-	180,914	-	-
Jimma	439,512	119,460	-	-	320,052	-	-
West Shewa	454,224	139,389	-	-	314,835	-	-
North Shewa	316,403	94,896	-	-	221,507	-	-
East Shewa	566,340	145,967	-	-	420,373	-	-
Arsi	789,864	240,332	-	-	549,532	-	-
West Harerghe	836,840	252,631	-	-	584,209	-	-
East Harerghe	1,069,635	344,356	-	-	725,280	-	-
Bale	734,183	222,100	-	-	512,083	-	-
Borena	868,571	271,386	-	-	597,184	-	-
South West Shewa	369,607	130,535	-	-	239,073	-	-
Guji	426,882	124,501	-	-	302,381	-	-
West Arsi	465,901	140,479	-	-	325,422	-	-
Kelem Wellega	119,528	36,348	-	-	83,181	-	-
Horoguduru Wellega	136,844	42,936	-	-	93,908	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
<b>Somale</b>	1,519,602	416,043	-	-	1,103,558	-	-
Shinele	148,602	38,925	-	-	109,678	-	-
Jijiga	506,337	166,261	-	-	340,076	-	-
Liben	864,662	210,858	-	-	653,805	-	-
<b>Benshangul-Gumuz</b>	431,216	120,978	-	-	310,237	-	-
Metekel	231,329	67,551	-	-	163,778	-	-
Asosa	143,981	36,440	-	-	107,541	-	-
Kemeshi	33,641	10,598	-	-	23,043	-	-
Mao Komo	22,265	6,390	-	-	15,875	-	-
<b>SNNP</b>	5,258,250	1,798,658	*	-	3,458,409	527	*
Gurage	133,689	40,500	-	-	93,189	-	-
Hadiya	190,975	55,823	*	-	134,888	-	-
Kembata Tembaro	63,969	18,651	*	-	44,636	527	-
Sidama	338,551	121,070	-	-	217,481	-	-
Gedio	22,945	7,150	-	-	15,795	-	-
Wolayita	159,362	44,736	-	-	114,389	-	*
South Omo	2,889,665	1,094,647	-	-	1,795,018	-	-
Shaka	20,057	6,383	-	-	13,673	-	-
Kaffa	241,256	60,535	-	-	180,721	-	-
Gamo Gofa	392,380	110,467	-	-	281,913	-	-
Bench Maji	93,952	25,097	-	-	68,855	-	-
Yem Sp. Wereda	35,640	8,137	-	-	27,503	-	-
Dawro	67,879	24,527	-	-	43,352	-	-
Basketo Sp. Wereda	13,755	4,305	-	-	9,450	-	-
Konta Sp. Wereda	18,885	6,268	-	-	12,617	-	-
Silte	227,592	59,801	-	-	167,791	-	-
Alaba Sp. Wereda	74,440	19,251	-	-	55,188	-	-
Segen People	273,258	91,309	-	-	181,949	-	-
<b>Gambela Region</b>	99,018	26,949	-	-	72,069	-	-
Angnuwak	38,770	11,410	-	-	27,360	-	-
Nuware	45,954	11,532	-	-	34,422	-	-
Mezhenger	5,635	2,136	-	-	3,499	-	-
Itang Special	8,658	1,871	-	-	6,787	-	-
<b>Harari</b>	72,555	22,211	-	-	50,344	-	-
Hundene	72,555	22,211	-	-	50,344	-	-
<b>Dire Dawa</b>	205,804	53,779	-	-	152,025	-	-

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

## a. All

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	59,495,026	5,842,973	3,296,265	6,246,339	1,628,833	22,568,332	19,912,284
<b>Tigray</b>	5,735,973	436,229	394,174	759,956	110,534	2,029,765	2,005,315
North West Tigray	2,059,194	142,834	158,090	257,907	23,498	846,919	629,947
Central Tigray	1,269,253	86,210	73,155	133,853	52,847	446,394	476,794
Eastern Tigray	872,948	78,704	55,862	165,289	8,867	223,864	340,362
Southern Tigray	830,829	86,944	50,286	121,828	11,224	215,243	345,305
Western Tigray	703,748	41,538	56,782	81,079	14,098	297,344	212,907
<b>Afar</b>	197,825	17,736	13,162	24,130	13,596	91,737	37,465
Zone 1	*	-	*	-	*	-	-
Zone 3	197,536	17,736	13,018	24,130	13,451	91,737	37,465
<b>Amhara</b>	19,961,861	1,602,860	1,054,107	2,125,245	394,725	8,680,336	6,104,588
North Gonder	6,204,610	386,895	464,271	751,281	117,268	3,127,401	1,357,494
South Gonder	1,983,589	123,976	81,548	187,316	26,056	938,432	626,261
North Wolo	1,147,256	194,571	45,742	108,754	25,907	399,017	373,266
South Wolo	2,100,202	289,271	95,632	232,734	46,702	635,962	799,901
North Shewa	2,057,757	179,602	73,047	178,072	53,256	684,328	889,452
East Gojam	1,245,284	97,003	33,609	104,470	48,570	458,669	502,962
West Gojam	3,436,085	191,567	164,274	365,655	39,208	1,669,284	1,006,098
Waghamera	322,973	32,322	15,184	41,236	15,990	117,800	100,442
Awı	1,151,708	71,236	67,150	128,656	12,749	508,463	363,455
Oromia	279,456	31,913	12,512	24,129	*	125,968	76,691
Argoba Special	32,940	4,504	1,139	2,944	773	15,013	8,567
<b>Oromia</b>	20,408,299	2,369,169	1,071,092	1,917,935	694,964	7,008,489	7,346,650
West Wellega	1,356,883	134,748	97,495	162,268	19,480	567,689	375,204
East Wellega	938,249	102,500	61,606	102,138	8,312	389,658	274,035
Illubabor	1,226,874	170,035	67,357	81,039	42,896	416,200	449,349
Jimma	1,857,334	209,127	50,364	133,563	30,339	697,352	736,589
West Shewa	1,667,038	176,548	50,239	100,851	50,961	660,238	628,200
North Shewa	1,176,886	116,117	35,320	102,400	25,639	338,906	558,504
East Shewa	1,302,538	143,079	74,035	112,725	44,724	442,716	485,259
Arsi	2,007,578	256,587	105,494	192,838	94,836	576,664	781,158
West Harerghe	1,535,726	169,641	102,908	172,947	52,680	582,085	455,464
East Harerghe	1,355,867	154,974	74,480	139,832	54,640	397,931	534,010
Bale	736,761	80,878	59,606	91,334	31,483	215,444	258,016
Borena	490,717	70,649	30,359	49,129	25,280	167,784	147,515
South West Shewa	992,709	122,737	31,074	93,095	38,166	284,135	423,501
Guji	1,066,945	164,041	56,820	81,551	102,089	328,320	334,123
West Arsi	1,162,733	131,393	103,177	159,245	45,397	288,115	435,405
Kelem Wellega	956,959	103,354	38,231	81,757	17,572	396,011	320,035
Horoguduru Wellega	576,501	62,761	32,524	61,222	10,470	259,240	150,285

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	161,265	26,076	11,619	17,796	13,450	46,338	45,987
Shinele	5,870	924	429	410	*	1,698	2,142
Jijiga	15,018	2,228	*	*	*	*	4,816
Liben	140,378	22,923	10,768	14,613	10,867	42,178	39,029
<b>Benshangul-Gumuz</b>	1,249,578	100,776	81,339	163,471	12,298	611,694	280,000
Metekel	597,169	50,745	36,452	80,944	7,346	287,825	133,858
Asosa	487,198	33,102	34,006	63,132	2,100	245,627	109,229
Kemeshi	101,421	10,870	6,730	11,559	*	47,640	22,441
Mao Komo	63,790	6,059	4,150	7,836	672	30,601	14,471
<b>SNNP</b>	11,197,124	1,224,318	628,127	1,164,059	377,845	3,881,563	3,921,212
Gurage	647,708	94,129	21,825	57,062	24,364	151,667	298,662
Hadiya	995,196	106,504	38,637	80,748	12,271	412,141	344,895
Kembata Tembaro	394,747	34,846	11,996	28,760	2,267	139,061	177,818
Sidama	2,123,579	173,662	106,544	195,964	133,044	774,308	740,057
Gedio	323,072	43,845	9,430	33,701	9,736	103,167	123,192
Wolayita	1,019,677	94,324	70,923	122,418	42,982	368,393	320,637
South Omo	807,575	100,140	74,263	111,531	31,374	254,237	236,030
Shaka	156,125	17,891	7,401	22,890	*	45,638	60,284
Kaffa	1,023,888	119,388	59,623	92,175	19,629	388,723	344,350
Gamo Gofa	1,029,170	115,745	62,469	128,671	23,621	305,725	392,939
Bench Maji	704,269	76,326	56,851	84,265	23,569	286,917	176,341
Yem Sp. Wereda	55,182	5,851	1,644	6,426	1,557	11,770	27,935
Dawro	234,109	34,479	12,793	24,948	9,850	67,763	84,277
Basketo Sp. Wereda	76,240	9,748	7,095	11,857	893	23,746	22,902
Konta Sp. Wereda	131,180	17,045	7,255	16,927	4,353	47,645	37,955
Silte	805,968	98,229	35,114	74,809	14,014	252,287	331,516
Alaba Sp. Wereda	225,659	19,838	11,686	23,076	5,975	99,722	65,361
Segen People	443,778	62,329	32,578	47,830	16,324	148,654	136,063
<b>Gambela Region</b>	385,768	44,591	30,557	49,244	7,593	157,453	96,330
Angnuwak	198,490	23,529	13,589	25,313	*	86,779	46,370
Nuware	77,908	8,351	9,210	12,183	2,492	27,376	18,295
Mezhenger	54,653	4,447	2,072	4,296	681	25,006	18,152
Itang Special	54,717	8,264	5,686	7,452	*	18,293	13,512
<b>Harari</b>	94,371	11,648	6,922	11,824	2,353	30,447	31,178
Hundene	94,371	11,648	6,922	11,824	2,353	30,447	31,178
<b>Dire Dawa</b>	102,963	9,570	5,167	12,679	1,475	30,511	43,561

## b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	54,053,925	5,282,575	2,997,315	5,416,423	1,506,439	21,498,960	17,352,213
<b>Tigray</b>	4,287,585	339,576	302,297	524,645	87,220	1,718,448	1,315,399
North West Tigray	1,736,707	122,603	142,663	225,583	20,835	774,742	450,282
Central Tigray	941,447	66,614	57,309	95,549	40,924	386,296	294,756
Eastern Tigray	418,661	48,546	14,729	49,222	5,527	103,378	197,260
Southern Tigray	598,433	70,087	37,277	82,234	8,715	184,945	215,175
Western Tigray	592,337	31,727	50,319	72,057	11,219	269,088	157,927
<b>Afar</b>	192,652	16,910	13,162	23,543	13,596	89,961	35,480
Zone 1	*	-	*	-	*	-	-
Zone 3	192,363	16,910	13,018	23,543	13,451	89,961	35,480
<b>Amhara</b>	18,019,984	1,450,850	1,002,612	1,898,352	354,858	8,202,337	5,110,976
North Gonder	5,788,698	353,408	450,931	729,412	110,251	2,901,409	1,243,286
South Gonder	1,762,055	103,978	69,270	162,868	23,906	862,996	539,037
North Wolo	1,055,966	188,630	44,045	95,775	23,225	396,948	307,343
South Wolo	1,767,616	264,724	92,716	187,481	39,562	606,324	576,809
North Shewa	1,742,809	149,277	66,964	132,090	50,410	651,883	692,184
East Gojam	1,082,825	83,953	30,860	79,266	40,165	436,174	412,407
West Gojam	3,168,480	175,494	154,992	334,126	33,688	1,607,953	862,225
Waghamera	293,878	30,160	15,036	36,879	14,323	113,674	83,806
Awi	1,060,205	66,613	64,403	116,421	11,411	484,885	316,472
Oromia	266,746	30,626	12,309	21,447	*	125,348	69,815
Argoba Special	30,706	3,986	1,085	2,587	714	14,742	7,591
<b>Oromia</b>	19,604,089	2,266,558	1,029,951	1,783,642	671,259	6,875,832	6,976,846
West Wellega	1,316,990	129,690	94,275	156,159	18,566	564,603	353,696
East Wellega	918,692	100,638	60,675	98,784	8,018	386,529	264,049
Illubabor	1,185,970	161,974	66,760	77,152	39,081	415,022	425,981
Jimma	1,800,593	201,367	50,364	125,697	26,938	692,269	703,958
West Shewa	1,554,015	162,414	46,388	92,956	47,575	625,703	578,978
North Shewa	1,064,748	106,109	32,418	70,717	25,347	316,492	513,664
East Shewa	1,244,396	137,743	70,742	107,454	42,231	432,131	454,094
Arsi	1,895,143	237,886	102,610	181,273	92,767	550,457	730,149
West Harerghe	1,479,774	166,085	95,751	157,111	52,442	569,162	439,223
East Harerghe	1,339,572	153,076	73,540	137,845	52,893	396,308	525,910
Bale	702,953	78,014	58,312	83,138	30,638	215,444	237,407
Borena	487,818	70,538	28,699	48,576	25,280	167,784	146,940
South West Shewa	909,627	106,854	22,262	78,494	34,787	277,623	389,607
Guji	1,061,658	161,797	56,494	81,551	102,089	327,905	331,822
West Arsi	1,137,035	129,419	100,445	150,127	44,567	286,265	426,212
Kelem Wellega	939,191	100,843	37,862	76,173	17,572	396,011	310,730
Horoguduru Wellega	565,913	62,107	32,353	60,433	10,470	256,123	144,426

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	160,996	25,972	11,596	17,777	13,450	46,245	45,956
Shinele	5,755	852	406	391	*	1,698	2,142
Jijiga	15,018	2,228	*	*	*	*	4,816
Liben	140,224	22,892	10,768	14,613	10,867	42,086	38,998
<b>Benshangul-Gumuz</b>	1,224,932	97,105	79,986	158,558	12,081	604,334	272,868
Metekel	582,640	48,188	35,571	78,778	7,128	283,134	129,841
Asosa	478,300	32,221	33,535	60,577	2,100	242,977	106,890
Kemeshi	100,461	10,650	6,730	11,367	*	47,640	21,893
Mao Komo	63,531	6,046	4,150	7,836	672	30,582	14,244
<b>SNNP</b>	9,996,531	1,022,351	516,374	939,191	342,644	3,745,458	3,430,513
Gurage	491,800	62,367	11,844	37,747	19,822	137,725	222,295
Hadiya	913,332	89,956	35,564	73,466	9,791	403,596	300,959
Kembata Tembaro	329,263	24,893	9,518	23,609	1,094	130,439	139,711
Sidama	1,967,276	155,813	88,901	153,301	122,741	769,176	677,344
Gedio	292,673	41,611	8,619	27,617	8,982	93,708	112,137
Wolayita	910,627	80,530	58,299	97,387	39,477	355,839	279,094
South Omo	735,954	86,649	64,558	94,508	30,397	241,541	218,302
Shaka	129,732	12,836	5,958	17,213	*	42,184	49,855
Kaffa	979,814	112,520	55,220	82,861	19,002	385,635	324,576
Gamo Gofa	873,875	90,415	44,943	97,970	17,685	285,385	337,477
Bench Maji	661,642	71,429	46,846	69,966	23,348	283,115	166,939
Yem Sp. Wereda	46,125	4,791	915	3,613	1,325	10,452	25,029
Dawro	211,068	28,442	11,179	19,627	9,225	65,850	76,744
Basketo Sp. Wereda	59,812	6,789	3,939	6,830	826	21,946	19,482
Konta Sp. Wereda	126,567	15,728	6,833	15,234	4,353	47,423	36,996
Silte	650,478	69,763	25,470	56,138	11,490	227,636	259,982
Alaba Sp. Wereda	206,460	15,353	8,115	18,972	5,613	98,428	59,980
Segen People	410,031	52,466	29,654	43,133	15,786	145,381	123,611
<b>Gambela Region</b>	377,695	43,632	29,749	48,248	7,503	156,063	92,500
Angnuwak	194,367	23,132	13,164	25,101	*	85,806	44,345
Nuware	77,908	8,351	9,210	12,183	2,492	27,376	18,295
Mezhenger	50,703	3,885	1,689	3,512	681	24,588	16,348
Itang Special	54,717	8,264	5,686	7,452	*	18,293	13,512
<b>Harari</b>	91,210	10,399	6,638	10,796	2,353	30,447	30,576
Hundene	91,210	10,399	6,638	10,796	2,353	30,447	30,576
<b>Dire Dawa</b>	98,250	9,221	4,950	11,671	1,475	29,835	41,099

### c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	2,830,619	302,111	197,090	393,205	63,636	829,758	1,044,820
<b>Tigray</b>	556,107	52,642	43,863	72,229	11,241	174,504	201,628
North West Tigray	189,352	16,738	14,107	21,796	*	65,252	70,512
Central Tigray	126,937	11,904	9,171	13,641	5,797	39,289	47,135
Eastern Tigray	96,282	8,454	5,586	19,468	*	21,774	40,647
Southern Tigray	74,098	9,054	9,327	10,183	*	21,581	22,362
Western Tigray	69,438	6,494	5,672	7,142	*	26,608	20,971
<b>Afar</b>	*	*	-	*	-	*	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	*	-	*	*
<b>Amhara</b>	1,012,055	71,121	46,808	101,111	19,545	422,718	350,752
North Gonder	294,918	11,353	13,340	18,387	*	206,708	39,853
South Gonder	139,512	10,073	11,200	11,440	*	69,706	36,549
North Wolo	18,886	*	*	-	-	-	-
South Wolo	102,325	8,485	2,915	19,142	-	-	53,001
North Shewa	118,464	11,903	*	10,081	*	27,224	63,181
East Gojam	102,595	12,230	2,749	12,109	3,123	22,495	49,890
West Gojam	164,277	10,257	*	19,314	*	51,855	72,194
Waghamera	10,628	1,626	-	*	*	-	3,685
Awi	56,481	-	*	-	-	22,757	21,726
Oromia	2,889	-	-	-	*	*	*
Argoba Special	1,079	137	54	*	-	270	278
<b>Oromia</b>	512,849	62,765	34,435	79,076	10,439	105,238	220,897
West Wellega	27,913	3,493	*	-	*	3,086	15,483
East Wellega	16,355	*	*	3,019	-	-	7,581
Illubabor	15,656	3,216	-	2,146	*	*	9,209
Jimma	24,731	3,939	-	*	*	4,403	13,444
West Shewa	86,398	11,290	-	5,834	*	34,535	28,509
North Shewa	46,088	3,953	*	*	*	*	20,709
East Shewa	35,578	4,999	*	*	*	*	17,611
Arsi	90,846	11,962	*	7,536	*	24,274	43,697
West Harerghe	38,963	2,250	-	*	-	11,442	7,290
East Harerghe	14,353	*	-	*	-	-	6,819
Bale	19,215	2,268	-	*	*	-	11,646
Borena	-	-	-	-	-	-	576
South West Shewa	49,926	7,815	6,282	8,455	*	*	19,755
Guji	3,210	*	-	-	-	*	*
West Arsi	16,402	*	-	*	*	-	*
Kelem Wellega	16,165	-	-	5,584	-	-	7,701
Horoguduru Wellega	8,152	-	-	*	-	-	3,784



TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	*	*	-	-	-	*	*
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	*	-	-	-	*	*
<b>Benshangul-Gumuz</b>	20,405	2,978	*	3,551	-	7,360	5,224
Metekel	12,679	1,957	-	*	-	4,691	3,175
Asosa	7,183	-	*	*	-	2,650	*
Kemeshi	*	*	-	*	-	-	*
Mao Komo	-	*	-	-	-	-	-
<b>SNNP</b>	715,352	110,334	69,961	135,111	22,104	116,916	260,926
Gurage	76,977	13,974	-	13,491	2,212	*	26,353
Hadiya	42,299	6,390	*	5,162	*	7,468	19,118
Kembata Tembaro	52,556	7,292	2,189	4,178	*	8,066	29,805
Sidama	92,405	7,898	*	*	*	*	31,287
Gedio	24,562	*	*	4,084	*	-	9,210
Wolayita	51,150	6,055	6,686	11,758	*	11,017	14,362
South Omo	68,599	12,945	9,520	16,713	978	12,326	16,116
Shaka	4,652	701	-	906	*	*	2,426
Kaffa	8,419	-	*	*	-	*	-
Gamo Gofa	136,124	22,580	15,296	25,435	5,936	19,556	47,321
Bench Maji	9,616	-	-	2,473	*	*	2,586
Yem Sp. Wereda	2,087	-	*	-	*	*	-
Dawro	-	-	-	-	*	*	3,133
Basketo Sp. Wereda	8,756	1,442	1,399	2,183	*	*	2,083
Konta Sp. Wereda	-	-	*	-	-	*	-
Silte	93,618	17,205	4,963	8,408	-	18,988	43,148
Alaba Sp. Wereda	6,942	1,346	-	1,297	*	1,294	1,543
Segen People	26,159	7,423	2,627	4,060	*	*	8,714
<b>Gambela Region</b>	4,321	-	-	-	-	-	-
Angnuwak	*	*	-	-	-	-	*
Nuware	-	-	-	-	-	-	-
Mezhenger	919	-	-	-	-	-	387
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
<b>Dire Dawa</b>	2,994	*	-	*	-	-	1,462

#### d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Ethiopia</b>	2,610,482	258,287	101,860	436,711	58,759	239,614	1,515,251
<b>Tigray</b>	892,280	44,011	48,014	163,081	12,073	136,813	488,288
North West Tigray	133,135	3,493	-	10,528	*	-	109,154
Central Tigray	200,869	7,693	-	24,662	-	20,810	134,904
Eastern Tigray	358,006	21,704	35,547	96,600	*	98,713	102,455
Southern Tigray	158,298	7,803	-	29,411	*	-	107,767
Western Tigray	41,973	3,317	-	1,880	*	-	34,008
<b>Afar</b>	*	*	-	*	-	*	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	*	-	*	*
<b>Amhara</b>	929,822	80,888	4,687	125,782	20,323	55,282	642,860
North Gonder	120,994	22,133	-	3,482	*	-	74,355
South Gonder	82,022	9,925	-	13,008	*	-	50,674
North Wolo	72,404	*	*	8,522	1,986	*	56,594
South Wolo	230,262	16,062	-	26,111	3,361	14,638	170,091
North Shewa	196,484	18,422	*	35,900	*	-	134,086
East Gojam	59,863	-	-	13,095	-	-	40,665
West Gojam	103,328	-	*	-	*	-	71,679
Waghamera	18,467	-	*	*	*	*	12,952
Awi	35,021	1,358	*	7,327	*	-	25,257
Oromia	9,821	766	*	2,479	*	*	*
Argoba Special	1,156	382	-	*	49	-	698
<b>Oromia</b>	291,361	39,846	6,706	55,217	13,266	-	148,908
West Wellega	11,979	1,565	*	2,612	*	-	6,024
East Wellega	3,202	*	*	-	*	*	2,405
Illubabor	25,249	-	*	-	-	*	14,158
Jimma	32,009	-	-	*	*	-	19,187
West Shewa	26,625	2,844	*	-	*	-	20,713
North Shewa	66,051	6,054	*	*	-	*	24,131
East Shewa	-	-	*	*	*	*	-
Arsi	21,589	6,739	*	-	*	-	7,312
West Harerghe	16,988	1,306	*	*	*	-	8,951
East Harerghe	-	*	*	*	*	*	-
Bale	14,593	-	*	*	*	-	8,962
Borena	*	*	*	*	-	-	-
South West Shewa	33,156	8,069	-	6,145	*	*	14,140
Guji	-	*	*	-	-	-	*
West Arsi	9,296	-	*	*	*	*	*
Kelem Wellega	-	*	*	-	-	-	-
Horoguduru Wellega	-	*	*	*	-	*	-

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
<b>Somale</b>	*	*	*	*	-	-	-
Shinele	*	*	*	*	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	4,241	-	*	-	*	-	1,908
Metekel	1,850	-	*	*	*	-	-
Asosa	-	*	*	*	-	-	*
Kemeshi	*	*	-	-	-	-	*
Mao Komo	208	-	-	-	-	*	195
<b>SNNP</b>	485,241	91,634	41,792	89,757	13,097	19,189	229,773
Gurage	78,931	17,788	1,231	5,824	-	*	50,014
Hadiya	39,565	-	*	-	*	-	24,818
Kembata Tembaro	12,928	2,660	-	-	*	-	8,302
Sidama	63,898	-	*	*	*	*	-
Gedio	5,837	*	*	-	-	*	-
Wolayita	57,900	7,739	5,938	13,273	*	-	27,181
South Omo	-	-	-	-	-	-	-
Shaka	21,740	4,353	1,443	4,772	*	*	8,003
Kaffa	35,655	6,471	*	*	*	*	16,757
Gamo Gofa	19,172	2,751	-	-	-	-	8,141
Bench Maji	33,011	4,292	9,222	11,827	-	*	6,816
Yem Sp. Wereda	6,971	852	*	2,567	*	*	2,603
Dawro	13,641	3,875	1,117	3,679	*	*	4,400
Basketo Sp. Wereda	7,672	1,517	1,757	2,843	*	*	1,337
Konta Sp. Wereda	3,582	1,079	*	1,498	-	*	558
Silte	61,872	11,261	-	10,263	1,618	-	28,385
Alaba Sp. Wereda	12,257	3,139	2,386	2,808	*	-	3,839
Segen People	-	-	-	-	*	*	-
<b>Gambela Region</b>	3,752	866	383	702	*	*	1,801
Angnuwak	*	*	*	*	*	*	*
Nuware	-	-	-	-	-	-	-
Mezhenger	3,031	530	383	702	-	*	1,417
Itang Special	-	-	-	-	-	-	-
<b>Harari</b>	*	*	*	*	-	-	*
Hundene	*	*	*	*	-	-	*
<b>Dire Dawa</b>	-	*	*	*	-	*	-

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

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
<b>Ethiopia</b>	6,189,329	47,706,101	5,902,624	2	42,927,921	80,832	2	2,036,969	205,873		22,741,211
<b>Tigray</b>	287,135	3,280,071	229,551	1	2,123,848	*	1	*	44,557	1	852,877
North West Tigray	65,711	870,930	56,161	1	688,216	-	-	-	9,550	1	182,714
Central Tigray	81,814	825,686	63,229	1	485,481	*	1	39,210	15,581	1	300,994
Eastern Tigray	55,541	612,295	35,348	1	149,673	*	*	*	11,427	2	204,580
Southern Tigray	57,357	633,911	53,776	1	593,933	*	-	-	*	1	*
Western Tigray	26,713	337,250	21,037	2	206,545	*	*	*	5,232	2	*
<b>Afar</b>	*	*	*	*	*	-	-	-	*	*	*
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	-	-	-	*	*	*
<b>Amhara</b>	1,438,744	12,477,177	1,321,173	2	10,894,422	10,555	2	*	107,016		21,341,445
North Gondar	452,129	4,005,848	377,366	2	3,264,988	-	-	-	*	*	740,860
South Gondar	131,813	1,137,395	126,380	1	964,356	*	*	*	*	*	*
North Wolo	47,640	365,019	43,115	1	303,129	3,001	2	*	1,524	2	*
South Wolo	132,440	*	130,845	3	*	*	*	*	*	*	*
North Shewa	59,981	362,068	54,164	1	318,834	*	*	*	*	*	*
East Gojam	181,093	1,844,251	165,505	2	1,452,896	*	*	*	12,063	2	251,583
West Gojam	223,102	1,728,095	220,402	2	1,670,998	-	-	-	*	2	*
Waghamera	60,980	450,883	57,966	2	422,072	*	*	*	2,669	*	*
Awi	128,906	1,269,901	126,963	2	1,254,342	*	*	*	*	*	*
Oromia	18,785	138,349	16,592	2	107,096	*	*	*	*	*	*
Argoba Special	1,875	12,573	1,875	2	12,573	-	-	-	-	-	-
<b>Oromia</b>	2,993,147	18,746,087	2,926,564	2	18,021,100	27,951	2	394,675	38,632	2	330,312
West Wellega	394,846	1,671,542	392,457	1	1,648,280	*	*	*	*	*	*
East Wellega	243,308	590,933	242,286	1	585,356	*	*	*	615	*	4,058
Illubabor	492,322	3,002,995	482,654	1	2,894,791	2,793	1	22,671	6,875	*	*
Jimma	358,988	1,934,269	327,526	1	1,615,431	8,570	2	161,692	*	2	157,145
West Shewa	252,019	1,911,016	249,377	2	1,866,511	*	*	*	*	*	*
North Shewa	84,142	605,908	84,142	2	605,908	-	-	-	-	-	-
East Shewa	15,523	177,355	14,245	2	149,906	-	-	-	*	*	*
Arsi	76,819	581,987	75,410	2	559,452	*	*	*	-	-	-
West Harerghe	45,295	406,950	43,727	2	389,238	*	*	*	*	*	*
East Harerghe	44,595	306,795	42,073	2	286,187	*	*	*	*	*	*
Bale	176,111	1,351,764	175,411	2	1,341,451	*	*	*	*	*	*
Borena	64,699	533,242	62,077	2	521,141	*	*	*	*	*	*
South West Shewa	102,493	554,203	100,364	2	537,228	*	*	*	*	*	*
Guji	249,938	1,378,963	245,007	1	1,331,480	*	*	*	-	-	-
West Arsi	113,264	*	111,738	2	*	-	*	*	*	*	*
Kelem Wellega	180,319	651,009	179,603	1	635,498	*	*	*	*	*	*
Horoguduru Wellega	98,467	336,706	98,467	1	336,706	-	-	-	-	-	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
<b>Somale</b>	2,529	*	2,529	2	*	-	*	*	-	-	-
Shinele	*	*	*	*	*	-	-	-	-	-	-
Jijiga	1,458	*	1,458	2	*	-	-	-	-	-	-
Liben	*	*	*	*	*	-	*	*	-	-	-
<b>Benshangul-Gumuz</b>	307,078	1,575,538	305,210	1	1,557,718	*	*	*	1,086	2	11,908
Metekel	197,313	1,045,881	196,613	1	1,040,496	*	*	*	-	-	-
Asosa	22,728	125,392	22,082	1	119,616	*	*	*	564	2	5,249
Kemeshi	12,308	46,132	11,876	1	40,221	-	-	-	*	*	*
Mao Komo	74,729	358,132	74,639	1	357,384	-	-	-	*	*	*
<b>SNNP</b>	1,080,150	9,836,876	1,038,938	2	8,560,816	27,074	3	*	14,137	2	195,057
Gurage	53,662	330,603	51,608	2	293,006	*	-	-	1,873	2	*
Hadiya	102,176	734,495	101,908	2	731,819	*	*	*	-	-	-
Kembata Tembaro	26,168	159,623	26,012	2	159,623	*	-	-	-	-	-
Sidama	102,452	757,594	87,774	2	564,297	*	*	*	*	*	*
Gedio	82,438	355,022	82,318	1	353,816	*	*	*	-	-	-
Wolayita	57,294	261,201	42,414	3	196,000	*	2	*	*	*	*
South Omo	91,213	665,040	90,421	2	647,651	*	*	*	*	*	*
Shaka	128,211	2,106,972	126,788	1	2,044,837	*	1	*	*	*	*
Kaffa	148,626	925,583	146,973	1	912,507	*	*	*	*	*	*
Gamo Gofa	63,479	337,674	63,479	2	337,674	-	-	-	-	-	-
Bench Maji	110,844	1,406,151	110,210	2	1,404,881	*	*	*	-	*	-
Yem Sp. Wereda	15,032	123,814	14,660	2	116,511	-	-	-	*	*	*
Dawro	26,241	289,519	24,655	2	267,159	*	*	5,995	*	*	*
Basketo Sp. Wereda	4,000	12,877	4,000	1	12,877	-	-	-	-	-	-
Konta Sp. Wereda	13,881	68,475	13,399	2	64,617	*	*	*	-	-	-
Silte	27,869	252,009	27,132	2	237,263	*	*	*	-	-	-
Alaba Sp. Wereda	9,996	79,186	9,607	2	72,332	*	*	*	*	*	*
Segen People	16,566	*	15,580	2	143,948	*	*	*	-	-	-
<b>Gambella Region</b>	75,580	1,739,838	73,880	2	1,721,517	*	*	*	*	*	*
Agnuwak	*	*	*	3	*	*	*	*	-	*	-
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	38,454	*	38,148	2	*	-	-	-	*	*	*
Itang Special	-	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	2,173	12,269	2,173	2	12,269	-	-	-	-	-	-
Hundene	2,173	12,269	2,173	2	12,269	-	-	-	-	-	-
<b>Dire Dawa</b>	2,379	11,839	2,330	2	11,515	*	*	*	-	-	-

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

**a. Cattle**

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	11,378,090	5,374,006	6,004,084	4,523,701	2,791,111	1,732,590	802,519	338,278	464,241
<b>Tigray</b>	777,646	376,541	401,105	257,998	184,245	73,753	35,838	16,345	19,493
North West Tigray	312,537	152,241	160,296	56,323	35,318	21,005	*	5,770	*
Central Tigray	87,323	45,435	41,888	67,779	55,188	12,592	4,034	2,564	*
Eastern Tigray	66,746	35,315	31,431	56,387	40,082	16,305	2,318	*	1,683
Southern Tigray	112,406	50,338	62,068	61,897	46,732	15,165	9,851	5,512	4,339
Western Tigray	198,634	93,212	105,422	15,612	6,925	8,687	3,990	1,863	2,126
<b>Afar</b>	430,718	153,835	276,883	24,550	11,288	13,262	2,061	*	1,678
Zone 1	299,819	114,135	185,684	15,936	6,574	9,362	891	*	719
Zone 3	130,899	39,700	91,199	8,614	4,714	3,900	*	*	*
<b>Amhara</b>	2,528,053	1,230,934	1,297,119	1,502,503	1,043,095	459,408	104,307	51,349	52,958
North Gonder	688,776	318,362	370,414	202,214	131,670	70,544	14,096	6,108	7,987
South Gonder	252,236	124,738	127,497	146,358	94,463	51,896	7,729	3,013	4,715
North Wolo	142,874	74,350	68,524	113,613	77,808	35,806	5,109	2,818	*
South Wolo	277,693	136,903	140,790	250,710	172,004	78,706	29,891	18,911	10,979
North Shewa	166,964	74,950	92,014	153,954	118,968	34,986	18,941	7,317	11,624
East Gojam	296,947	146,432	150,515	171,038	115,896	55,142	13,544	5,892	7,652
West Gojam	375,283	191,042	184,241	330,056	248,190	81,865	3,599	*	2,758
Waghamera	57,676	29,672	28,004	14,998	9,922	5,075	3,969	2,516	1,453
Awi	211,971	105,796	106,175	97,152	57,887	39,265	2,963	*	*
Oromia	53,933	26,862	27,070	21,220	15,507	5,713	4,068	2,436	*
Argoba Special	3,700	1,827	1,873	1,189	778	411	400	199	201
<b>Oromia</b>	4,723,148	2,220,668	2,502,480	1,708,696	1,067,982	640,714	417,393	168,502	248,890
West Wellega	206,710	96,964	109,745	103,159	68,719	34,441	63,876	23,254	40,622
East Wellega	192,017	98,186	93,831	79,422	48,677	30,744	21,426	7,103	14,322
Illubabor	269,564	126,457	143,107	116,916	66,286	50,629	34,654	12,034	22,619
Jimma	480,354	236,079	244,275	140,092	99,545	40,547	92,771	45,598	47,173
West Shewa	390,391	192,960	197,431	150,560	95,977	54,583	32,611	13,093	19,518
North Shewa	302,610	144,346	158,264	124,976	73,607	51,368	16,319	5,120	11,199
East Shewa	161,019	70,859	90,160	85,544	63,007	22,537	*	*	*
Arsi	450,361	206,754	243,608	200,543	138,721	61,822	12,439	5,656	6,783
West Harerghe	225,865	104,895	120,971	120,393	78,196	42,197	26,480	11,364	15,116
East Harerghe	252,106	127,870	124,236	73,028	40,954	32,074	27,640	5,826	21,814
Bale	304,717	138,997	165,721	81,509	50,647	30,862	14,395	4,743	9,653
Borena	239,419	99,352	140,067	24,607	11,107	13,500	6,250	1,749	4,501
South West Shewa	155,547	72,821	82,726	101,677	72,078	29,599	*	*	*
Guji	328,921	145,771	183,151	83,021	32,544	50,477	6,826	*	5,268
West Arsi	533,162	239,673	293,489	115,380	60,291	55,089	10,333	4,356	5,977
Kelem Wellega	114,544	60,072	54,472	69,889	45,979	23,910	*	2,672	*
Horoguduru Wellega	115,839	58,612	57,227	37,981	21,646	16,334	2,964	1,413	1,551

TABLE 3-19 - a CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	145,045	64,392	80,653	11,409	4,533	6,877	*	*	2,155
Shinele	2,613	1,147	1,467	620	421	*	285	*	248
Jijiga	86,729	40,983	45,746	*	*	*	*	*	*
Liben	55,703	22,262	33,441	5,120	1,277	3,843	706	*	624
<b>Benshangul-Gumuz</b>	144,501	70,664	73,838	51,301	26,215	25,086	*	*	*
Metekel	117,392	57,233	60,159	33,153	16,952	16,201	*	-	*
Asosa	13,686	7,305	6,381	11,697	5,459	6,238	*	*	*
Kemeshi	11,473	5,384	6,089	4,753	2,811	1,942	*	-	*
Mao Komo	1,951	742	1,208	1,698	992	706	-	-	-
<b>SNNP</b>	2,542,815	1,217,992	1,324,823	943,844	441,672	502,172	229,907	97,408	132,498
Gurage	202,599	95,327	107,272	122,401	69,443	52,957	13,092	4,281	8,811
Hadiya	197,050	92,561	104,489	88,083	45,467	42,617	36,846	17,796	19,050
Kembata Tembaro	78,258	37,677	40,581	41,953	21,162	20,792	15,233	7,674	7,559
Sidama	629,723	308,680	321,042	179,205	29,443	149,762	7,595	*	5,553
Gedio	19,077	8,596	10,481	38,291	29,450	8,842	-	-	-
Wolayita	194,677	92,468	102,208	123,458	57,320	66,139	11,444	3,301	8,143
South Omo	325,151	142,097	183,054	27,818	16,665	11,153	22,643	9,336	13,307
Shaka	38,462	20,414	18,048	17,025	10,254	6,771	7,069	2,488	4,581
Kaffa	208,011	104,466	103,545	61,379	33,934	27,445	24,582	11,688	12,893
Gamo Gofa	276,447	137,830	138,617	100,351	52,620	47,731	35,982	15,081	20,901
Bench Maji	81,712	41,025	40,687	30,734	15,239	15,495	28,503	11,031	17,472
Yem Sp. Wereda	10,408	4,913	5,494	6,033	4,135	1,898	1,509	682	827
Dawro	67,336	32,277	35,059	22,803	9,314	13,490	4,328	1,842	2,486
Basketo Sp. Wereda	9,886	4,570	5,316	5,393	2,635	2,758	2,909	1,072	1,837
Konta Sp. Wereda	24,351	12,032	12,319	11,088	5,510	5,578	1,319	552	768
Silte	96,152	44,494	51,657	37,630	17,978	19,652	6,016	2,784	3,232
Alaba Sp. Wereda	26,934	13,448	13,486	9,885	6,525	3,360	8,620	5,310	3,309
Segen People	56,582	25,116	31,466	20,313	14,580	5,733	*	*	*
<b>Gambela Region</b>	59,343	26,348	32,996	17,131	9,460	7,671	5,983	1,597	4,386
Angnuwak	5,373	2,701	2,672	6,262	5,613	649	*	*	*
Nuware	43,138	18,621	24,517	4,615	1,582	3,034	3,678	843	2,835
Mezhenger	7,475	3,380	4,095	6,043	2,233	3,810	1,618	*	1,092
Itang Special	3,358	1,645	1,713	211	*	179	*	*	*
<b>Harari</b>	16,932	8,219	8,712	4,285	1,477	2,808	1,107	244	863
Hundene	16,932	8,219	8,712	4,285	1,477	2,808	1,107	244	863
<b>Dire Dawa</b>	9,889	4,413	5,476	1,983	1,145	838	752	228	523

## b. Sheep

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	13,693,648	6,595,450	7,098,198	5,264,651	2,871,270	2,393,381	574,582	119,148	455,434
<b>Tigray</b>	866,974	432,047	434,927	227,069	99,872	127,197	11,874	4,643	7,231
North West Tigray	99,348	55,061	44,287	13,842	3,287	10,556	*	*	*
Central Tigray	162,164	85,578	76,585	32,036	9,314	22,722	*	*	*
Eastern Tigray	307,769	152,036	155,734	78,211	38,638	39,573	3,421	2,279	*
Southern Tigray	243,757	116,873	126,884	90,953	43,860	47,092	*	1,415	*
Western Tigray	53,936	22,499	31,438	12,027	4,773	7,254	*	-	*
<b>Afar</b>	814,035	348,427	465,608	75,217	40,268	34,950	16,949	5,731	11,218
Zone 1	441,974	209,013	232,961	57,016	31,093	25,923	*	4,314	*
Zone 3	372,062	139,415	232,647	18,202	9,175	9,027	4,286	1,416	2,869
<b>Amhara</b>	5,547,886	2,733,954	2,813,931	2,797,944	1,630,838	1,167,106	260,032	51,406	208,626
North Gonder	773,407	365,701	407,706	275,310	141,192	134,117	*	*	*
South Gonder	647,077	313,489	333,588	215,624	115,832	99,792	4,835	1,872	*
North Wolo	385,905	188,461	197,444	196,080	108,816	87,264	29,089	4,828	24,261
South Wolo	848,252	409,979	438,274	459,514	311,696	147,818	61,591	*	49,495
North Shewa	743,754	353,775	389,979	171,518	106,789	64,728	*	*	*
East Gojam	866,734	446,978	419,756	523,702	267,160	256,542	41,499	6,571	*
West Gojam	743,981	384,267	359,714	551,952	344,312	207,640	5,667	*	*
Waghamera	70,506	32,210	38,295	20,860	7,590	13,270	*	*	*
Awi	413,121	212,052	201,069	340,041	202,051	137,989	*	*	*
Oromia	51,482	25,041	26,441	41,894	24,661	17,233	*	*	*
Argoba Special	3,666	2,001	1,665	*	*	*	*	*	-
<b>Oromia</b>	4,332,287	2,076,380	2,255,907	1,466,499	800,557	665,943	173,760	29,547	144,213
West Wellega	162,560	78,931	83,629	66,869	28,120	38,749	13,148	1,703	11,445
East Wellega	146,966	72,585	74,381	39,015	16,722	22,293	2,885	-	2,885
Illubabor	162,469	75,295	87,174	62,813	19,064	43,750	12,566	*	11,558
Jimma	319,601	152,250	167,351	102,133	57,333	44,800	47,958	9,037	38,921
West Shewa	481,648	224,710	256,939	140,560	78,467	62,093	16,083	*	14,365
North Shewa	634,515	321,018	313,497	313,683	227,499	86,184	23,130	2,368	20,763
East Shewa	190,327	87,819	102,508	*	*	*	*	*	-
Arsi	613,149	291,832	321,318	180,785	101,361	79,424	9,995	*	7,858
West Harerghe	*	*	*	26,262	5,043	21,220	4,664	*	3,566
East Harerghe	163,427	82,430	80,997	50,340	31,562	18,777	9,103	*	7,575
Bale	121,299	53,035	68,264	26,537	*	15,518	*	-	*
Borena	161,497	64,757	96,740	11,628	2,821	8,806	*	*	*
South West Shewa	187,024	88,752	98,272	104,288	75,473	28,815	*	*	*
Guji	184,453	88,926	95,528	67,831	11,776	56,055	*	*	*
West Arsi	385,099	188,901	196,198	82,082	26,468	55,614	*	*	*
Kelem Wellega	120,782	64,351	56,431	54,893	26,239	28,654	2,922	*	2,339
Horoguduru Wellega	116,719	58,610	58,110	27,445	15,088	12,357	2,767	-	2,767



TABLE 3-19 - b CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	317,889	139,866	178,023	17,780	6,251	11,529	4,874	1,993	2,880
Shinele	19,293	8,547	10,746	1,537	771	766	1,061	315	*
Jijiga	211,810	98,169	113,641	9,954	3,546	6,408	1,907	830	*
Liben	86,786	33,149	53,637	6,289	1,933	4,355	1,906	*	*
<b>Benshangul-Gumuz</b>	54,309	26,447	27,862	24,138	10,104	14,034	1,167	*	*
Metekel	36,599	18,798	17,801	15,096	5,772	9,324	*	*	*
Asosa	9,844	3,801	6,043	4,760	1,870	2,890	*	*	*
Kemeshi	3,078	1,609	1,469	2,607	2,162	445	*	-	*
Mao Komo	4,788	2,238	2,550	1,676	301	1,375	*	-	*
<b>SNNP</b>	1,708,511	814,517	893,994	641,387	273,910	367,477	104,383	24,548	79,835
Gurage	133,948	69,877	64,071	51,939	31,638	20,301	11,541	*	7,470
Hadiya	101,278	49,468	51,810	36,398	14,532	21,866	8,787	*	7,006
Kembata Tembaro	42,826	24,563	18,263	29,731	20,512	9,219	6,414	2,115	4,299
Sidama	178,408	83,484	94,924	90,377	22,624	67,753	*	*	*
Gedio	87,117	43,609	43,508	61,482	21,372	40,110	*	*	*
Wolayita	88,979	48,292	40,687	55,442	18,600	36,841	3,338	*	2,861
South Omo	352,831	152,131	200,700	32,306	9,904	22,402	19,303	3,951	15,352
Shaka	29,377	16,527	12,849	25,212	16,644	8,568	2,260	743	1,517
Kaffa	212,782	107,755	105,026	71,447	34,204	37,243	22,287	5,178	17,109
Gamo Gofa	145,043	60,586	84,458	62,405	27,493	34,911	4,178	*	2,902
Bench Maji	74,897	34,661	40,236	49,442	26,104	23,337	10,972	*	10,382
Yem Sp. Wereda	10,236	5,179	5,057	1,983	392	1,591	458	*	424
Dawro	31,554	15,576	15,978	20,894	6,760	14,134	455	*	370
Basketo Sp. Wereda	7,262	3,800	3,463	2,685	464	2,221	697	*	605
Konta Sp. Wereda	7,689	4,085	3,603	9,839	6,132	3,708	*	*	*
Silte	142,893	65,005	77,888	30,014	12,585	17,428	3,751	*	3,378
Alaba Sp. Wereda	26,965	13,000	13,965	5,289	2,272	3,018	3,676	386	3,290
Segen People	34,427	16,919	17,509	4,504	1,677	2,827	*	-	*
<b>Gambela Region</b>	17,567	8,026	9,542	11,945	8,064	3,881	*	*	*
Angnuwak	*	*	*	*	*	*	-	-	-
Nuware	10,877	4,367	6,510	1,122	277	844	*	*	-
Mezhenger	5,637	3,203	2,434	9,216	6,325	2,891	*	-	*
Itang Special	*	*	*	-	-	-	-	-	-
<b>Harari</b>	2,272	1,213	1,059	568	369	200	178	*	*
Hundene	2,272	1,213	1,059	568	369	200	178	*	*
<b>Dire Dawa</b>	31,918	14,573	17,345	2,104	1,039	1,065	1,126	211	915

### c. Goats

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	12,722,035	5,846,913	6,875,121	2,843,845	1,229,099	1,614,746	371,691	72,453	299,238
<b>Tigray</b>	1,845,875	831,485	1,014,390	280,113	102,268	177,845	15,255	4,472	10,783
North West Tigray	865,271	381,577	483,694	102,326	32,711	69,615	4,213	*	2,935
Central Tigray	392,388	185,896	206,492	44,796	14,230	30,567	2,772	*	*
Eastern Tigray	96,391	45,260	51,131	39,693	16,806	22,887	*	*	-
Southern Tigray	176,193	80,261	95,933	42,548	21,336	21,211	*	*	*
Western Tigray	315,632	138,491	177,140	50,749	17,184	33,565	1,769	*	1,674
<b>Afar</b>	1,474,996	567,054	907,942	94,846	49,588	45,258	32,045	6,389	25,656
Zone 1	805,174	335,813	469,361	65,296	29,312	35,983	22,733	4,776	17,957
Zone 3	669,822	231,241	438,581	29,551	20,276	9,275	9,313	*	7,699
<b>Amhara</b>	3,406,077	1,657,621	1,748,455	1,187,513	591,226	596,287	108,236	18,850	89,386
North Gonder	1,222,293	600,231	622,062	249,672	119,942	129,730	7,606	*	5,797
South Gonder	272,979	129,657	143,322	120,286	60,358	59,928	*	*	*
North Wolo	226,687	114,819	111,869	103,217	41,394	61,823	*	*	*
South Wolo	465,779	222,485	243,294	253,094	107,149	145,946	56,935	6,962	49,972
North Shewa	391,230	196,006	195,224	171,023	119,487	51,536	16,935	*	12,875
East Gojam	272,034	140,453	131,581	78,069	32,256	45,813	*	*	*
West Gojam	157,449	68,115	89,334	55,109	36,664	18,446	-	-	-
Waghamera	162,404	68,853	93,552	51,968	19,115	32,853	8,158	2,377	5,781
Awi	99,241	51,178	48,063	48,151	25,876	22,275	*	*	*
Oromia	124,067	59,854	64,212	51,642	27,384	24,258	6,696	*	6,346
Argoba Special	11,914	5,971	5,942	5,282	*	3,679	298	*	278
<b>Oromia</b>	3,630,580	1,718,756	1,911,824	740,832	269,836	470,996	118,254	24,380	93,874
West Wellega	75,409	33,780	41,629	21,041	5,928	15,113	*	*	*
East Wellega	88,218	45,002	43,216	29,956	*	16,789	3,459	*	2,328
Illubabor	117,287	55,744	61,543	35,467	10,064	25,403	10,085	*	9,420
Jimma	201,458	99,845	101,614	47,085	11,272	35,813	26,756	3,775	22,980
West Shewa	255,005	117,105	137,900	36,257	12,018	24,239	3,295	*	*
North Shewa	143,663	65,258	78,405	40,385	22,045	18,340	*	-	*
East Shewa	254,327	119,045	135,282	72,948	*	30,871	*	-	*
Arsi	353,858	166,082	187,776	90,735	28,759	61,976	4,960	*	4,170
West Harerghe	509,225	232,733	276,492	67,235	17,622	49,613	12,274	3,881	8,393
East Harerghe	414,374	207,850	206,524	64,525	28,820	35,705	17,104	3,428	13,676
Bale	311,885	143,237	168,647	44,771	13,985	30,786	6,990	*	6,542
Borena	267,473	111,907	155,566	12,747	2,104	10,643	2,498	*	1,927
South West Shewa	147,152	82,583	64,568	52,346	26,031	26,315	*	*	*
Guji	159,309	79,483	79,827	39,277	7,283	31,994	*	-	*
West Arsi	193,333	93,316	100,017	39,641	9,661	29,979	6,789	*	4,125
Kelem Wellega	65,475	29,723	35,752	28,775	11,575	17,200	*	*	*
Horoguduru Wellega	73,129	36,064	37,065	17,642	7,425	10,217	*	*	*

TABLE 3-19 - c CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	473,407	193,355	280,052	26,833	8,491	18,343	7,022	1,303	5,720
Shinele	56,899	23,661	33,239	3,480	1,378	2,101	2,716	528	2,188
Jijiga	157,657	79,964	77,693	7,670	*	5,476	*	*	*
Liben	258,851	89,731	169,121	15,683	4,918	10,765	3,197	630	2,568
<b>Benshangul-Gumuz</b>	286,375	129,142	157,232	71,889	19,772	52,117	2,964	879	2,084
Metekel	154,430	70,835	83,595	37,247	12,068	25,179	1,015	*	*
Asosa	98,583	42,379	56,204	26,060	5,393	20,667	1,351	691	*
Kemeshi	20,323	9,631	10,692	5,017	1,465	3,552	*	-	*
Mao Komo	13,038	6,298	6,740	3,565	846	2,718	395	-	395
<b>SNNP</b>	1,448,090	676,461	771,629	419,113	177,312	241,801	81,284	14,979	66,305
Gurage	54,008	26,123	27,884	15,033	6,615	8,418	1,459	*	1,284
Hadiya	85,321	43,110	42,211	30,839	9,871	20,968	10,150	*	8,516
Kembata Tembaro	28,157	13,394	14,764	14,893	7,258	7,635	4,148	*	3,860
Sidama	109,080	57,485	51,595	120,834	79,275	41,559	*	*	*
Gedio	8,468	4,305	4,163	3,487	*	2,749	-	-	-
Wolayita	54,204	26,756	27,448	30,346	8,325	22,021	*	*	*
South Omo	547,646	230,822	316,824	30,183	11,973	18,210	18,647	5,271	13,376
Shaka	8,168	4,362	3,806	6,570	2,948	3,622	1,104	*	963
Kaffa	110,040	54,712	55,328	34,446	13,267	21,178	11,480	736	10,744
Gamo Gofa	145,392	73,597	71,795	50,980	9,217	41,763	9,637	1,448	8,190
Bench Maji	39,482	17,641	21,840	17,217	5,773	11,444	3,841	*	3,462
Yem Sp. Wereda	14,849	7,085	7,764	2,442	313	2,130	932	*	864
Dawro	24,474	13,017	11,457	9,532	3,547	5,985	688	*	*
Basketo Sp. Wereda	4,514	1,984	2,531	1,665	687	978	*	*	*
Konta Sp. Wereda	8,191	4,102	4,089	5,141	1,772	3,369	*	-	*
Silte	93,140	41,506	51,634	28,189	11,896	16,293	4,189	*	2,785
Alaba Sp. Wereda	32,536	15,973	16,563	3,068	*	2,291	5,929	1,107	4,822
Segen People	80,419	40,486	39,933	14,249	3,059	11,190	*	*	*
<b>Gambela Region</b>	39,720	18,022	21,698	12,264	5,682	6,582	2,694	*	2,063
Angnuwak	16,094	8,028	8,066	4,582	2,314	2,268	*	*	*
Nuware	17,697	7,421	10,276	2,956	517	2,439	*	*	*
Mezhenger	2,838	1,239	1,599	4,435	2,851	1,584	224	-	224
Itang Special	3,091	1,334	1,757	292	-	292	*	*	*
<b>Harari</b>	28,096	14,382	13,714	4,760	2,297	2,463	1,403	*	1,321
Hundene	28,096	14,382	13,714	4,760	2,297	2,463	1,403	*	1,321
<b>Dire Dawa</b>	88,818	40,635	48,183	5,681	2,628	3,053	2,533	486	2,046

#### d. Horses

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	203,932	102,300	101,632	233,084	128,556	104,528	15,853	5,656	10,197
<b>Tigray</b>	*	*	*	1,632	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	*	*	*	-	-	-
Southern Tigray	*	-	*	*	-	*	-	-	-
Western Tigray	*	*	*	-	-	-	-	-	-
<b>Afar</b>	*	*	*	*	*	-	-	-	-
Zone 1	*	*	*	*	*	-	-	-	-
Zone 3	*	*	*	-	-	-	-	-	-
<b>Amhara</b>	47,165	21,036	26,129	57,931	23,702	34,230	*	*	*
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	*	*	*	*	-	-	-
North Wolo	*	*	*	7,961	*	5,153	*	*	-
South Wolo	6,253	*	4,958	15,239	3,899	11,340	*	-	*
North Shewa	6,670	3,100	3,570	4,380	*	3,360	*	*	*
East Gojam	7,853	4,322	3,531	16,511	9,288	7,223	-	-	-
West Gojam	*	*	*	4,613	*	*	-	-	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	8,198	3,845	4,353	6,141	3,432	2,710	-	-	-
Oromia	*	*	*	*	*	-	-	-	-
Argoba Special	*	*	-	-	-	-	-	-	-
<b>Oromia</b>	122,773	62,229	60,544	133,101	81,985	51,116	8,961	*	5,606
West Wellega	*	*	*	-	-	-	*	-	*
East Wellega	*	*	*	*	*	-	-	-	-
Illubabor	4,632	2,035	2,596	6,694	3,530	3,163	*	-	*
Jimma	*	*	*	*	*	4,808	1,735	-	1,735
West Shewa	21,493	9,520	11,973	13,232	7,917	5,315	*	-	*
North Shewa	11,284	6,798	4,486	4,020	2,286	1,735	*	*	*
East Shewa	*	*	-	2,939	2,326	*	-	-	-
Arsi	22,171	10,184	11,987	28,303	14,823	13,480	*	*	-
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	*	*	-	*	*	-	-	-	-
Bale	8,851	*	6,566	8,974	7,493	1,481	-	-	-
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	1,846	*	*	9,452	8,901	*	*	*	*
Guji	9,443	4,654	4,790	15,216	8,530	6,686	*	*	*
West Arsi	19,608	12,804	6,805	*	*	*	*	*	-
Kelem Wellega	*	*	-	*	*	*	-	-	-
Horoguduru Wellega	5,270	2,678	2,593	2,550	1,524	1,026	*	-	*

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>Somale</b>	*	*	*	*	-	*	*	*	*
Shinele	-	-	-	-	-	-	*	*	*
Jijiga	*	*	*	*	-	*	-	-	-
Liben	-	-	-	-	-	-	*	-	*
<b>Benshangul-Gumuz</b>	*	*	*	*	*	*	-	-	-
Metekel	*	*	*	*	*	-	-	-	-
Asosa	-	-	-	*	*	*	-	-	-
Kemeshi	-	-	-	*	*	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	29,801	16,986	12,815	38,535	20,786	17,749	4,809	1,633	3,176
Gurage	5,657	*	*	5,994	2,719	3,275	*	*	-
Hadiya	3,084	*	1,528	2,988	1,942	1,047	*	*	*
Kembata Tembaro	*	*	*	*	*	*	*	*	*
Sidama	*	*	-	*	*	-	-	-	-
Gedio	*	-	*	1,962	1,448	*	-	-	-
Wolayita	*	*	*	-	-	-	-	-	-
South Omo	1,109	496	*	*	*	*	*	*	*
Shaka	*	*	-	789	708	*	-	-	-
Kaffa	5,432	3,021	2,411	5,722	3,486	2,236	*	*	*
Gamo Gofa	4,497	2,798	1,699	5,679	1,611	4,068	*	-	*
Bench Maji	*	-	*	2,586	1,117	*	*	-	*
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	784	654	*	1,212	748	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	*	*	-
Konta Sp. Wereda	*	-	*	*	*	*	*	*	-
Silte	4,306	*	2,012	2,857	1,631	1,227	*	*	*
Alaba Sp. Wereda	*	*	*	*	-	*	*	*	-
Segen People	-	-	-	*	*	*	-	-	-
<b>Gambela Region</b>	-	-	-	508	508	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	508	508	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
<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>Ethiopia</b>	768,486	389,350	379,136	837,001	497,470	339,531	43,874	18,343	25,531
<b>Tigray</b>	78,308	36,211	42,097	61,773	30,742	31,031	*	*	*
North West Tigray	41,737	17,867	23,869	11,009	4,545	6,464	-	-	-
Central Tigray	11,310	5,679	5,630	14,464	6,633	7,831	-	-	-
Eastern Tigray	6,704	2,822	3,882	13,989	6,301	7,688	*	-	*
Southern Tigray	13,695	7,078	6,618	18,396	10,717	7,679	-	-	-
Western Tigray	4,862	2,765	2,098	3,915	2,547	1,369	*	*	-
<b>Afar</b>	8,261	4,156	4,105	5,669	3,993	1,676	*	*	*
Zone 1	3,419	1,162	*	4,460	3,284	1,176	*	*	*
Zone 3	4,842	2,995	1,848	*	*	*	-	-	-
<b>Amhara</b>	310,493	162,200	148,293	295,827	157,310	138,517	12,592	3,724	8,867
North Gonder	40,357	24,591	15,766	42,303	29,276	13,027	-	-	-
South Gonder	28,975	15,521	13,454	35,590	15,768	19,822	*	*	*
North Wolo	19,683	9,727	9,956	22,850	10,692	12,158	*	*	*
South Wolo	59,261	31,110	28,151	48,115	23,593	24,522	9,220	*	*
North Shewa	38,726	20,111	18,616	35,463	24,396	11,067	-	-	-
East Gojam	43,890	25,276	18,613	44,339	20,602	23,736	-	-	-
West Gojam	53,939	23,023	30,917	39,821	20,053	19,768	*	*	-
Waghamera	7,514	4,104	3,409	7,185	3,035	4,149	-	-	-
Awı	12,160	6,238	5,922	12,290	6,770	5,519	*	*	*
Oromia	5,516	2,246	3,269	7,467	2,887	4,580	*	*	-
Argoba Special	473	252	221	406	237	169	*	-	*
<b>Oromia</b>	304,034	152,232	151,803	277,318	148,442	128,876	18,844	10,090	8,754
West Wellega	14,733	7,528	7,205	32,169	11,396	*	783	*	*
East Wellega	13,574	7,129	6,445	10,749	6,769	3,980	*	*	*
Illubabor	7,363	4,082	3,280	9,073	*	*	*	*	*
Jimma	8,716	5,917	2,799	10,794	5,178	5,615	*	*	*
West Shewa	31,068	13,810	17,258	18,122	9,699	8,423	*	*	*
North Shewa	34,410	16,809	17,601	17,968	9,108	8,860	*	*	*
East Shewa	24,479	12,347	12,132	22,391	14,063	8,328	*	-	*
Arsi	45,739	22,184	23,555	32,708	15,221	17,487	*	-	*
West Harerghe	14,544	5,971	8,574	23,538	13,771	9,766	2,717	*	2,199
East Harerghe	13,022	7,593	5,428	9,552	5,508	4,043	3,461	2,134	*
Bale	19,660	9,347	10,313	20,697	13,493	7,205	896	*	*
Borena	8,672	4,357	4,315	5,782	2,710	*	*	*	*
South West Shewa	17,825	9,365	8,460	14,055	8,225	5,830	*	*	*
Guji	10,662	*	5,886	14,477	10,001	*	*	*	-
West Arsi	26,320	14,022	12,298	16,412	5,333	11,079	*	*	*
Kelem Wellega	4,654	2,615	2,038	12,735	10,545	2,190	*	*	*
Horoguduru Wellega	8,594	4,380	4,215	6,096	3,522	2,574	*	*	-

TABLE 3-19 - e CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	9,354	4,863	4,491	6,700	4,233	2,467	*	*	*
Shinele	273	*	167	231	*	143	109	*	*
Jijiga	4,486	2,494	1,992	*	*	1,523	*	*	*
Liben	4,595	2,263	2,332	4,013	3,211	*	*	*	*
<b>Benshangul-Gumuz</b>	6,262	3,639	2,623	18,900	16,222	2,677	*	*	*
Metekel	3,193	2,089	*	10,527	9,551	975	-	-	-
Asosa	2,902	1,472	1,431	5,566	3,954	1,612	*	*	-
Kemeshi	*	-	*	2,573	2,573	-	*	*	-
Mao Komo	*	*	*	234	145	90	*	-	*
<b>SNNP</b>	50,583	25,543	25,040	69,168	*	33,764	8,208	3,095	5,114
Gurage	7,893	4,834	3,058	9,471	5,346	4,125	*	*	*
Hadiya	12,409	6,248	6,162	18,898	12,115	6,783	*	*	*
Kembata Tembaro	534	*	*	7,180	5,963	*	*	*	*
Sidama	*	-	*	*	*	*	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	*	*	9,752	7,106	*	*	*	-
South Omo	2,492	*	1,479	1,882	1,156	*	*	*	*
Shaka	-	-	-	1,099	1,099	-	-	-	-
Kaffa	*	*	-	*	*	-	-	-	-
Gamo Gofa	3,409	*	2,020	11,914	6,550	5,364	-	-	-
Bench Maji	-	-	-	*	*	*	*	*	-
Yem Sp. Wereda	438	*	270	435	248	*	*	*	*
Dawro	*	*	*	690	471	*	*	*	-
Basketo Sp. Wereda	*	*	-	129	*	*	*	-	*
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	13,600	8,275	5,325	11,874	2,810	9,063	1,726	*	1,143
Alaba Sp. Wereda	5,258	2,234	3,024	1,718	544	1,174	1,408	*	1,237
Segen People	1,541	501	1,040	1,974	1,446	*	*	-	*
<b>Gambela Region</b>	-	-	-	382	*	*	-	-	-
Angnuwak	-	-	-	*	*	*	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	368	162	*	*	*	*	244	*	*
Hundene	368	162	*	*	*	*	244	*	*
<b>Dire Dawa</b>	821	343	479	522	194	328	228	*	146

# f. Mules

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	26,258	10,711	15,547	66,121	29,497	36,624	2,256	*	1,848
<b>Tigray</b>	*	*	-	*	*	*	*	-	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	-	*	-	*
Western Tigray	*	*	-	*	-	*	-	-	-
<b>Afar</b>	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	15,582	4,974	10,608	38,005	15,970	22,035	-	-	-
North Gondar	*	-	*	*	*	*	-	-	-
South Gondar	*	*	-	*	*	*	-	-	-
North Wolo	*	-	*	*	*	*	-	-	-
South Wolo	1,886	-	1,886	9,010	*	5,356	-	-	-
North Shewa	*	*	*	*	*	*	-	-	-
East Gojam	*	*	*	*	*	1,795	-	-	-
West Gojam	*	*	*	13,492	2,886	10,606	-	-	-
Waghamera	-	-	-	*	*	-	-	-	-
Awi	*	1,639	*	5,138	4,490	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	5,577	2,725	2,851	12,495	6,185	6,310	1,747	*	*
West Wellega	*	-	*	*	*	*	*	-	*
East Wellega	-	-	-	1,790	*	1,493	*	-	*
Illubabor	*	*	*	731	*	*	*	*	-
Jimma	*	-	*	*	*	*	*	-	*
West Shewa	*	*	-	*	*	*	-	-	-
North Shewa	*	*	*	*	-	*	-	-	-
East Shewa	-	-	-	*	*	-	-	-	-
Arsi	-	-	-	*	*	*	*	-	*
West Harerghe	*	*	-	*	-	*	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	-	-	-	*	-	*	-	-	-
Guji	*	-	*	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	*	*	-	930	930	-	-	-	-
Horoguduru Wellega	*	*	-	*	-	*	-	-	-



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>Somale</b>	-	-	-	-	-	-	*	-	*
Shinele	-	-	-	-	-	-	*	-	*
Jijiga	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	-	-	-	*	*	*	-	-	-
Metekel	-	-	-	*	*	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	*	-	*	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	*	*	*	13,278	6,101	7,177	*	-	*
Gurage	*	*	-	-	-	-	-	-	-
Hadiya	*	-	*	*	*	*	-	-	-
Kembata Tembaro	*	*	*	*	-	*	*	-	*
Sidama	-	-	-	*	-	*	-	-	-
Gedio	-	-	-	905	*	*	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	*	*	*	*	*	*	*	-	*
Shaka	-	-	-	*	*	*	-	-	-
Kaffa	-	-	-	1,258	*	*	-	-	-
Gamo Gofa	*	*	-	*	*	*	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	*	*	-	545	545	-	-	-	-
Basketo Sp. Wereda	-	-	-	195	*	128	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	*	*	*	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	*	*	*	-	-	-
<b>Gambela Region</b>	-	-	-	*	*	*	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
<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>Ethiopia</b>	136,313	49,342	86,971	43,562	33,353	10,210	4,755	2,551	2,204
<b>Tigray</b>	-	-	-	11,052	10,954	*	-	-	-
North West Tigray	-	-	-	*	*	-	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	3,184	3,184	-	-	-	-
Western Tigray	-	-	-	1,175	1,077	*	-	-	-
<b>Afar</b>	72,242	23,773	48,468	6,909	3,485	3,423	2,142	*	*
Zone 1	35,441	13,911	21,530	5,083	2,920	2,163	*	*	*
Zone 3	36,801	9,863	26,938	1,826	*	*	*	-	*
<b>Amhara</b>	*	*	-	14,448	14,297	*	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	-	-	-	3,646	3,646	-	*	*	-
South Wolo	-	-	-	*	*	-	-	-	-
North Shewa	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	2,771	2,677	*	*	*	-
Argoba Special	*	*	-	316	260	*	-	-	-
<b>Oromia</b>	32,281	13,182	19,099	6,476	*	3,538	*	*	*
West Wellega	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	-	-	-
Arsi	*	*	*	*	-	*	-	-	-
West Harerghe	*	*	*	*	-	*	*	-	*
East Harerghe	5,811	2,981	2,830	*	-	*	-	-	-
Bale	5,626	*	4,315	*	*	*	*	-	*
Borena	6,289	2,493	3,796	*	*	*	*	-	*
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	*	*	*	*	*	-	*	*	-
West Arsi	*	-	*	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	*	-	*	-	-	-

TABLE 3-19 - g CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	30,446	11,725	18,721	*	1,281	*	*	*	*
Shinele	1,109	434	674	*	*	*	*	*	*
Jijiga	5,425	2,169	3,256	*	*	*	*	*	-
Liben	23,912	9,122	14,790	*	*	*	*	*	*
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	-	-	-	*	-	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	*	-	*	-	-	-
Shaka	-	-	-	*	-	*	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	*	*	*	*	*	*	-	-	-
Hundene	*	*	*	*	*	*	-	-	-
<b>Dire Dawa</b>	639	222	417	373	*	*	*	*	-

## h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>Ethiopia</b>	92,337,790	15,072,967	622,228
<b>Tigray</b>	10,051,653	2,038,112	77,428
North West Tigray	4,456,296	409,325	40,043
Central Tigray	2,224,478	381,506	9,739
Eastern Tigray	826,921	624,280	8,955
Southern Tigray	1,173,712	429,439	9,706
Western Tigray	1,370,246	193,561	8,985
<b>Afar</b>	186,532	21,393	1,437
Zone 1	*	-	-
Zone 3	186,387	21,393	1,437
<b>Amhara</b>	38,448,674	6,326,508	154,248
North Gondar	13,594,247	1,475,152	36,628
South Gondar	4,741,138	712,495	16,592
North Wolo	1,442,467	383,785	7,396
South Wolo	2,049,832	949,000	21,141
North Shewa	2,499,199	1,047,264	14,430
East Gojam	1,762,093	368,507	11,275
West Gojam	8,634,183	884,202	16,184
Waghamera	381,760	69,577	*
Awi	2,837,981	336,749	18,356
Oromia	462,204	93,834	*
Argoba Special	43,569	5,943	133
<b>Oromia</b>	25,971,268	3,408,307	229,346
West Wellega	2,752,281	272,723	31,573
East Wellega	1,643,849	156,756	13,657
Illubabor	1,594,417	209,754	13,158
Jimma	1,975,823	176,943	41,327
West Shewa	2,602,380	404,685	14,783
North Shewa	792,699	200,147	*
East Shewa	1,522,307	169,198	*
Arsi	1,934,975	451,731	6,492
West Harerghe	2,229,742	218,586	17,812
East Harerghe	1,681,992	76,465	15,403
Bale	841,001	146,760	3,523
Borena	398,148	34,154	2,491
South West Shewa	1,226,552	243,402	*
Guji	960,775	160,420	4,512
West Arsi	1,360,622	130,431	*
Kelem Wellega	1,504,672	258,175	5,448
Horoguduru Wellega	949,033	97,979	4,973

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
<b>Somale</b>	219,286	9,527	2,121
Shinele	4,913	265	*
Jijiga	*	*	*
Liben	209,454	8,605	*
<b>Benshangul-Gumuz</b>	3,322,822	275,887	12,348
Metekel	2,031,765	169,000	*
Asosa	960,913	78,701	6,642
Kemeshi	209,277	15,136	*
Mao Komo	120,867	13,050	*
<b>SNNP</b>	13,305,636	2,928,589	126,675
Gurage	428,320	259,549	15,592
Hadiya	1,356,066	228,848	10,375
Kembata Tembaro	473,576	143,691	13,030
Sidama	2,046,000	589,244	5,413
Gedio	315,873	163,197	*
Wolayita	1,014,324	222,889	5,379
South Omo	781,968	111,961	*
Shaka	309,112	100,922	*
Kaffa	2,000,488	240,880	17,196
Gamo Gofa	1,076,367	296,504	6,486
Bench Maji	1,566,457	188,030	6,265
Yem Sp. Wereda	37,265	15,573	1,046
Dawro	193,603	45,503	2,050
Basketo Sp. Wereda	72,163	24,650	456
Konta Sp. Wereda	172,542	21,931	*
Silte	745,248	205,950	6,591
Alaba Sp. Wereda	316,955	22,510	4,106
Segen People	399,309	46,755	*
<b>Gambela Region</b>	564,824	58,393	12,193
Angnuwak	263,627	19,231	9,464
Nuware	80,971	2,598	*
Mezhenger	166,786	33,212	1,915
Itang Special	53,440	3,352	*
<b>Harari</b>	151,621	2,668	3,518
Hundene	151,621	2,668	3,518
<b>Dire Dawa</b>	115,473	*	2,914

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

**a. Cattle**

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	6,631,627	4,143,196	488,431	450,357	6,676	93,681	8,786,213	576,038	210,175	89,645	43,636	46,009
<b>Tigray</b>	518,518	345,804	172,714	62,094	6,781	25,313	277,241	124,434	152,807	37,287	20,753	16,534
North West Tigray	149,665	97,666	51,999	23,587	5,060	8,526	128,109	57,797	70,312	15,583	7,736	7,847
Central Tigray	101,841	71,016	30,825	12,009	7,459	4,550	27,100	13,434	13,666	5,982	3,383	2,599
Eastern Tigray	70,640	43,266	27,373	11,507	5,743	5,764	16,088	7,603	8,485	1,479	*	878
Southern Tigray	96,594	66,335	30,259	6,557	3,314	3,243	32,087	16,676	15,411	10,066	6,315	3,750
Western Tigray	99,778	67,520	32,258	8,435	5,205	3,230	73,857	28,924	44,933	4,177	2,716	1,461
<b>Afar</b>	127,619	69,277	58,342	13,382	7,737	5,645	499,515	114,287	385,228	7,313	1,998	5,316
Zone 1	75,931	43,188	32,742	7,073	4,892	*	206,939	53,386	153,553	*	1,262	*
Zone 3	51,689	26,089	25,600	6,309	2,845	3,464	292,576	60,901	231,675	2,388	736	*
<b>Amhara</b>	1,983,536	1,284,553	698,983	121,974	8,385	53,589	632,119	305,997	326,122	75,914	31,285	44,629
North Gonder	375,648	224,279	151,369	26,384	5,996	10,388	183,330	85,588	97,742	24,363	9,066	15,297
South Gonder	215,972	134,835	81,138	7,518	*	4,718	64,552	27,217	37,335	5,021	2,051	2,971
North Wolo	138,757	90,956	47,801	8,577	5,570	3,007	46,029	21,606	24,423	4,149	2,078	2,071
South Wolo	319,200	208,519	110,681	25,276	3,013	12,263	72,075	37,033	35,041	12,019	5,088	6,931
North Shewa	148,367	106,717	41,650	21,036	2,162	8,874	61,461	36,677	24,783	8,856	3,907	4,949
East Gojam	212,645	134,165	78,479	10,439	6,677	3,763	53,527	21,970	31,557	7,301	3,588	3,713
West Gojam	343,564	239,740	103,823	9,095	3,863	5,231	66,315	37,573	28,742	5,983	2,300	3,684
Waghamera	54,242	34,241	20,002	3,148	*	1,952	36,704	16,445	20,259	2,038	*	1,216
Awi	139,216	85,946	53,270	7,789	5,354	2,436	29,434	14,474	14,959	3,201	1,744	*
Oromia	34,146	23,932	10,214	2,391	1,526	*	16,923	6,624	10,299	2,924	*	*
Argoba Special	1,780	1,224	556	321	228	93	1,771	789	982	60	41	*
<b>Oromia</b>	2,553,544	1,653,119	900,426	130,824	67,758	63,066	1,437,154	641,635	795,519	68,711	66,767	61,943
West Wellega	130,938	86,144	44,794	*	-	*	75,033	34,047	40,986	21,339	7,547	13,793
East Wellega	121,722	76,188	45,534	3,764	1,283	2,481	67,462	30,101	37,361	*	7,346	*
Illubabor	121,659	78,195	43,464	4,732	2,679	2,053	108,701	52,611	56,090	32,636	12,695	19,942
Jimma	218,752	156,901	61,851	3,780	1,840	*	158,364	74,148	84,217	57,593	26,230	31,363
West Shewa	242,568	164,643	77,925	16,422	7,460	8,962	89,359	40,704	48,655	20,206	9,904	10,302
North Shewa	167,060	105,876	61,184	14,024	5,928	8,096	56,929	26,140	30,789	10,048	3,854	*
East Shewa	105,766	74,811	30,955	9,916	3,925	5,992	56,621	27,954	28,668	8,203	4,257	*
Arsi	290,270	192,937	97,333	18,687	9,563	9,123	122,275	56,491	65,784	18,952	7,779	11,172
West Harerghe	186,990	113,851	73,139	1,155	*	*	88,584	33,396	55,188	18,234	6,849	11,385
East Harerghe	114,313	69,980	44,334	4,277	*	1,697	89,765	35,357	54,408	20,216	5,495	14,721
Bale	154,846	99,778	55,068	6,667	4,720	1,948	102,675	42,750	59,924	10,794	2,725	8,068
Borena	89,849	56,474	33,375	*	*	*	54,320	21,280	33,040	5,982	*	4,972
South West Shewa	98,948	66,343	32,604	18,681	3,698	4,984	44,339	20,633	23,706	6,716	3,428	*
Guji	135,280	71,922	63,358	*	*	*	77,542	26,865	50,676	3,637	2,037	1,600
West Arsi	241,733	155,675	86,058	*	*	*	162,790	76,277	86,513	5,879	*	3,779
Kelem Wellega	84,724	54,108	30,616	*	*	*	41,959	24,971	16,988	5,365	2,908	2,457
Horoguduru	48,126	29,293	18,834	1,789	655	1,134	40,434	17,907	22,527	2,846	*	2,243

TABLE 3-20 – a CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	21,973	12,311	9,662	2,004	1,419	585	65,358	21,762	43,596	2,264	972	1,292
Shinele	854	537	*	*	*	*	2,521	517	2,005	*	*	139
Jijiga	10,062	5,427	*	878	634	*	39,751	13,245	26,506	*	759	*
Liben	11,056	6,347	*	*	*	*	23,086	8,001	15,085	581	*	405
<b>Benshangul-Gumuz</b>	87,973	53,623	34,350	7,229	4,092	3,137	78,645	36,694	41,951	5,020	2,108	2,912
Metekel	68,170	41,233	26,937	4,064	*	2,087	59,871	28,480	31,391	4,884	2,078	2,806
Asosa	13,299	8,216	5,084	*	*	*	10,739	4,735	6,004	-	-	-
Kemeshi	5,350	3,512	1,838	*	*	*	4,780	1,978	2,802	106	-	106
Mao Komo	1,153	662	491	*	*	*	3,255	1,501	1,754	*	*	-
<b>SNNP</b>	1,306,705	705,028	601,677	111,647	69,525	42,122	713,674	304,238	409,436	173,640	74,820	98,820
Gurage	117,045	65,295	51,750	73,417	48,689	24,728	56,681	20,061	36,620	5,402	2,268	3,135
Hadiya	121,115	67,584	53,531	3,663	2,187	1,476	75,120	30,966	44,154	23,215	10,772	12,443
Kembata	54,655	30,296	24,359	1,950	1,318	632	30,078	15,309	14,769	17,588	6,224	11,364
Tembaro	331,295	115,860	15,435	5,095	2,376	*	49,473	23,078	26,395	11,098	*	9,564
Sidama	34,006	26,089	7,917	*	*	-	4,622	2,459	2,163	*	-	*
Gedio	93,333	50,702	42,631	*	*	*	54,309	26,640	27,670	9,158	4,559	4,599
Wolayita	104,859	79,018	25,840	3,553	1,551	2,002	141,102	57,175	83,927	32,858	16,243	16,616
South Omo	19,161	11,815	7,346	1,125	*	*	5,876	2,015	3,861	8,631	3,585	5,046
Shaka	80,440	51,915	28,525	4,382	*	2,293	59,881	25,339	34,542	17,723	6,553	11,171
Kaffa	138,193	80,497	57,697	2,189	*	*	82,832	32,021	50,812	14,211	6,361	7,850
Gamo Gofa	43,361	24,382	18,979	*	*	*	27,760	13,160	14,600	17,667	7,929	9,738
Bench Maji	7,830	4,514	3,316	974	521	453	2,756	1,312	1,444	1,727	779	949
Yem Sp. Wereda	30,543	16,112	14,430	746	*	*	22,641	9,180	13,461	2,785	1,283	1,502
Dawro	5,832	3,530	2,302	363	166	198	3,162	1,408	1,754	1,234	518	716
Basketo Sp. Wereda	13,262	7,711	5,551	*	*	-	14,054	6,406	7,648	1,680	696	*
Konta Sp. Wereda	65,108	37,226	27,882	4,256	1,775	2,481	41,712	20,811	20,901	4,568	3,282	1,286
Silte	19,386	12,322	7,064	1,329	871	458	17,861	7,153	10,708	2,036	1,168	868
Alaba Sp. Wereda	27,281	20,160	7,122	3,001	2,314	686	23,752	9,744	14,008	1,829	1,066	*
Segen People												
<b>Gambela Region</b>	19,701	12,616	7,084	662	474	188	68,432	22,441	45,990	17,318	4,424	12,894
Angnuwak	7,113	*	*	*	*	-	5,872	3,875	1,997	*	*	*
Nuware	5,934	3,820	2,114	*	*	*	57,812	17,356	40,456	15,355	3,903	11,451
Mezhenger	5,803	2,628	3,175	*	*	*	2,573	588	1,985	708	*	581
Itang Special	851	636	215	*	*	-	2,175	622	1,553	*	*	*
<b>Harari</b>	7,725	4,511	3,215	504	469	*	5,319	1,791	3,529	1,428	*	1,157
Hundene	7,725	4,511	3,215	504	469	*	5,319	1,791	3,529	1,428	*	1,157
<b>Dire Dawa</b>	4,332	2,354	1,978	*	*	-	8,756	2,759	5,997	750	239	510

## b. Sheep

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	6,927,201	3,840,796	3,086,406	910,312	536,126	374,186	289,852	172,651	117,200	40,456	22,807	17,649
<b>Tigray</b>	377,352	199,690	177,662	314,281	238,652	75,629	354,469	119,328	35,141	6,778	3,591	*
North West Tigray	37,898	29,107	8,791	29,320	24,558	4,762	65,282	21,371	43,911	-	-	-
Central Tigray	69,002	33,965	35,037	43,114	29,333	13,781	69,257	24,758	44,500	*	*	*
Eastern Tigray	129,817	59,805	70,012	126,849	91,911	34,939	122,035	39,271	82,764	2,491	1,612	878
Southern Tigray	120,095	63,208	56,886	95,065	77,252	17,813	74,209	27,253	46,957	3,348	1,418	*
Western Tigray	20,540	13,604	6,936	19,932	15,598	4,334	23,685	6,676	17,009	*	*	*
<b>Afar</b>	328,910	193,860	135,050	88,158	65,160	22,998	737,073	193,454	43,619	18,932	*	12,732
Zone 1	167,965	103,845	64,120	68,570	50,380	18,190	290,597	91,222	99,375	*	*	*
Zone 3	160,945	90,015	70,931	19,588	14,780	4,808	446,477	102,232	44,245	8,771	1,949	6,822
<b>Amhara</b>	3,132,576	1,662,769	1,469,807	490,554	268,088	22,466	566,835	552,789	14,047	31,698	3,083	103,615
North Gonder	445,669	202,173	243,496	281,008	223,957	57,051	280,937	87,183	93,754	*	*	*
South Gonder	322,723	159,193	163,530	262,721	190,856	71,865	154,704	49,904	04,800	*	-	*
North Wolo	187,199	93,721	93,478	241,597	161,416	80,181	103,179	38,557	64,622	6,294	1,914	4,380
South Wolo	600,772	369,645	231,127	222,448	139,944	82,504	282,514	100,887	81,627	65,692	10,574	55,118
North Shewa	315,466	170,842	144,624	196,601	156,154	40,447	310,557	123,270	87,287	30,239	7,557	*
East Gojam	428,700	188,414	240,286	563,468	394,367	69,101	222,847	50,031	72,816	12,352	*	10,077
West Gojam	549,227	316,265	232,962	350,042	258,241	91,801	150,660	42,719	07,942	*	*	*
Waghamera	56,408	28,872	27,537	27,670	21,356	6,314	45,701	15,687	30,014	2,667	1,598	1,069
Awı	185,104	111,856	73,248	327,319	209,555	17,763	97,400	37,110	60,291	3,850	*	2,519
Oromia	37,610	19,875	17,735	16,729	11,766	4,963	16,471	6,637	9,834	*	*	*
Argoba Special	3,698	1,913	1,785	952	476	477	1,865	805	1,060	*	*	-
<b>Oromia</b>	2,222,509	1,333,371	889,139	734,710	555,638	79,072	467,816	494,571	73,245	93,392	3,405	74,987
West Wellega	74,086	34,504	39,582	8,851	7,550	*	65,356	20,808	44,548	6,956	*	5,796
East Wellega	52,254	27,299	24,955	15,987	12,917	3,070	50,142	18,609	31,533	*	*	*
Illubabor	78,041	36,203	41,838	15,607	12,549	3,058	77,418	22,733	54,685	6,626	*	6,021
Jimma	118,809	68,022	50,786	52,710	48,033	4,677	143,188	41,818	01,370	10,996	*	9,416
West Shewa	240,327	140,902	99,426	79,820	56,991	22,829	236,698	83,298	53,401	13,485	*	*
North Shewa	342,457	239,570	102,887	276,732	185,444	91,288	169,529	60,477	09,052	14,124	*	11,241
East Shewa	*	*	53,637	26,757	22,123	4,634	64,803	16,810	47,993	-	-	-
Arsi	380,816	233,049	147,766	62,592	47,337	15,255	120,192	39,053	81,139	9,218	2,799	6,419
West Harerghe	65,442	34,707	30,735	5,395	4,613	*	*	*	26,251	*	*	*
East Harerghe	57,137	31,433	25,705	26,497	25,513	*	54,613	16,959	37,654	9,955	*	7,779
Bale	67,312	42,866	24,446	15,202	11,904	3,298	30,710	9,032	21,678	3,025	*	*
Borena	55,457	35,258	20,198	*	11,983	*	57,722	*	34,938	2,650	*	2,104
South West Shewa	101,770	69,441	32,329	43,227	41,777	1,450	86,037	31,693	54,344	*	*	*
Guji	108,642	59,995	48,647	*	17,304	*	74,522	26,631	47,890	*	*	*
West Arsi	225,089	127,411	97,678	25,435	20,936	4,499	118,303	41,300	77,003	*	*	*
Kelem Wellega	55,531	25,162	30,369	15,057	11,227	3,830	38,282	15,421	22,861	*	*	*
Horoguduru	44,604	26,449	18,155	19,685	17,437	2,248	36,972	10,065	26,906	*	-	*



TABLE 3-20 – b CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	105,277	69,609	35,668	44,739	32,980	11,759	313,459	95,652	217,806	6,940	1,719	5,221
Shinele	4,805	3,356	1,449	3,549	3,019	531	26,980	7,302	19,679	830	185	645
Jijiga	79,021	55,915	23,107	24,719	18,837	5,882	206,939	63,601	143,338	2,335	*	1,445
Liben	21,451	10,338	11,113	16,471	11,124	*	79,539	24,750	54,789	*	*	3,131
<b>Benshangul-Gumuz</b>	21,716	11,215	10,500	16,264	12,376	3,887	29,567	10,633	18,934	*	-	*
Metekel	13,996	7,510	6,486	11,056	8,441	2,615	20,927	7,573	13,354	-	-	-
Asosa	3,796	1,816	1,980	3,295	2,361	934	5,221	1,610	3,611	-	-	-
Kemeshi	1,747	879	869	1,470	1,236	*	909	496	412	-	-	-
Mao Komo	2,176	1,011	1,166	442	338	*	2,510	954	1,556	*	-	*
<b>SNNP</b>	724,941	360,707	364,234	12,865	80,446	32,420	671,246	240,200	431,047	78,100	22,872	55,229
Gurage	54,531	29,502	25,029	42,592	35,374	7,218	56,062	17,849	38,213	*	*	*
Hadiya	56,330	23,032	33,298	6,533	5,720	*	48,620	15,985	32,635	3,248	*	2,925
Kembata Tembaro	24,000	14,923	9,077	1,998	1,451	547	18,973	7,290	11,683	6,627	1,646	4,981
Sidama	121,944	42,118	79,826	*	*	-	24,262	7,683	16,578	-	-	-
Gedio	64,911	32,917	31,995	14,031	12,795	*	29,019	11,228	17,791	*	*	*
Wolayita	39,188	21,237	17,952	*	*	-	20,704	9,435	11,269	3,535	*	1,994
South Omo	70,521	41,600	28,921	36,880	29,997	6,883	154,076	59,627	94,449	26,178	11,310	14,867
Shaka	12,803	7,979	4,823	16,460	14,005	2,456	9,804	3,888	5,917	4,783	*	3,485
Kaffa	64,912	37,276	27,637	32,523	28,470	4,053	85,922	32,335	53,587	8,122	*	7,444
Gamo Gofa	72,584	36,905	35,679	13,382	11,683	*	73,862	18,317	55,545	*	*	*
Bench Maji	43,413	27,757	15,656	12,634	11,120	1,514	39,908	16,019	23,888	6,374	*	4,906
Yem Sp. Wereda	3,877	1,816	2,060	563	254	310	5,714	1,903	3,812	613	*	540
Dawro	13,619	6,700	6,919	*	*	*	17,811	7,335	10,476	1,259	*	*
Basketo Sp. Wereda	2,474	999	1,475	420	184	236	2,787	1,279	1,508	426	*	*
Konta Sp. Wereda	4,637	3,170	*	*	*	-	6,675	3,166	3,509	514	*	*
Silte	55,799	23,557	32,242	22,705	19,064	3,641	50,229	17,450	32,778	*	*	*
Alaba Sp. Wereda	10,018	3,853	6,165	3,825	3,284	*	14,917	5,359	9,559	1,846	383	1,463
Segen People	9,381	*	4,014	*	*	*	11,901	4,050	7,851	*	-	*
<b>Gambela Region</b>	6,319	4,398	1,921	2,944	2,576	368	8,364	3,007	5,357	*	*	*
Angnuwak	*	*	*	*	*	-	*	*	*	-	-	-
Nuware	790	391	399	*	*	-	5,019	1,581	3,438	*	*	-
Mezhenger	3,892	2,753	1,138	2,501	2,133	368	2,803	1,267	1,536	*	*	*
Itang Special	-	-	-	-	-	-	*	*	*	-	-	-
<b>Harari</b>	522	447	*	783	742	*	748	281	466	171	*	*
Hundene	522	447	*	783	742	*	748	281	466	171	*	*
<b>Dire Dawa</b>	7,079	4,729	2,350	5,014	4,602	412	40,275	10,736	29,539	3,990	1,614	2,375

## c. Goats

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	463,697	908,061	555,636	598,540	823,134	75,406	419,046	50,753	568,293	14,463	06,744	07,719
<b>Tigray</b>	954,412	514,895	439,518	597,370	398,343	99,026	978,132	79,463	698,668	22,632	6,704	15,927
North West Tigray	447,698	235,276	212,422	257,271	170,100	87,171	523,912	41,104	382,808	15,667	*	12,852
Central Tigray	200,075	111,803	88,271	116,135	69,082	47,053	149,849	40,086	109,763	4,132	2,594	*
Eastern Tigray	67,820	29,072	38,748	47,875	32,578	15,297	46,941	16,646	30,295	*	*	*
Southern Tigray	85,461	48,525	36,936	64,667	49,696	14,971	126,158	40,910	85,248	*	*	*
Western Tigray	153,358	90,219	63,140	111,422	76,887	34,534	131,272	40,717	90,555	1,506	646	860
<b>Afar</b>	527,658	291,592	236,066	153,706	110,047	43,659	879,930	53,706	626,224	40,897	18,895	22,002
Zone 1	263,008	144,020	118,987	78,293	54,098	24,194	336,379	09,197	227,182	*	*	12,531
Zone 3	264,651	147,572	117,079	75,413	55,948	19,465	543,551	44,509	399,043	13,721	4,250	9,470
<b>Amhara</b>	522,177	767,509	754,668	207,459	793,194	14,265	263,735	86,059	777,676	59,380	19,203	40,178
North Gonder	449,868	234,641	215,227	367,003	269,169	97,834	379,796	34,209	245,588	9,454	*	6,292
South Gonder	138,511	63,929	74,582	164,073	109,289	54,784	125,715	48,611	77,104	*	*	*
North Wolo	101,861	46,001	55,860	113,694	70,485	43,208	81,399	35,348	46,051	4,569	877	*
South Wolo	232,940	109,626	123,314	190,664	98,133	92,531	163,322	60,769	102,553	17,021	2,715	14,307
North Shewa	137,652	90,974	46,678	85,822	57,330	28,492	218,981	05,177	113,804	12,297	*	4,339
East Gojam	102,855	46,372	56,483	103,267	64,650	38,617	75,201	25,956	49,245	*	*	*
West Gojam	93,257	51,264	41,993	40,253	28,830	11,424	42,946	14,956	27,990	*	*	*
Waghamera	152,754	69,140	83,615	47,228	35,211	12,017	102,841	32,420	70,422	*	*	*
Awı	35,871	19,721	16,151	54,188	33,350	20,838	34,618	14,250	20,368	*	-	*
Oromia	67,938	32,270	35,667	39,110	25,827	13,284	36,100	13,300	22,799	*	*	*
Argoba Special	8,670	3,571	5,099	2,158	920	1,237	2,816	1,063	1,753	125	30	94
<b>Oromia</b>	563,827	835,432	728,395	417,038	300,528	16,510	244,669	57,362	787,308	85,896	22,285	63,612
West Wellega	23,460	11,282	12,177	8,168	5,525	*	35,100	12,251	22,849	*	*	*
East Wellega	23,918	12,294	11,624	10,132	5,305	4,828	30,729	14,128	16,601	*	-	*
Illubabor	45,740	18,458	27,282	11,058	7,469	3,589	38,333	13,554	24,779	2,484	*	1,987
Jimma	67,353	33,213	34,139	14,834	8,581	6,252	124,705	50,346	74,360	13,096	3,266	9,830
West Shewa	103,394	48,605	54,789	36,053	22,071	13,982	105,419	45,815	59,604	6,429	1,719	4,711
North Shewa	63,008	28,335	34,673	49,028	31,858	17,170	46,522	23,441	23,081	*	*	*
East Shewa	153,509	96,942	56,567	33,323	29,677	3,646	69,089	23,083	46,006	1,669	*	908
Arsi	185,404	112,295	73,109	46,395	36,455	9,940	153,239	48,924	104,315	8,418	*	5,119
West Harerghe	249,536	125,293	124,243	19,360	16,425	2,935	103,827	40,488	63,339	14,706	4,940	9,766
East Harerghe	149,565	69,392	80,173	24,017	20,445	3,572	113,951	36,211	77,740	14,822	3,112	11,710
Bale	142,504	81,775	60,728	36,115	26,788	9,327	93,938	32,397	61,541	5,802	*	4,716
Borena	106,958	67,248	39,710	37,978	26,264	*	69,260	24,875	44,385	8,218	1,493	6,725
South West Shewa	63,709	30,191	33,518	29,520	20,364	*	69,256	30,591	38,665	*	-	*
Guji	54,050	32,519	21,531	18,331	13,340	*	91,240	26,651	64,589	*	*	*
West Arsi	75,196	39,020	36,176	15,386	11,889	3,497	53,433	17,586	35,847	*	*	*
Kelem Wellega	28,951	14,453	14,498	14,041	8,631	*	20,937	7,592	13,345	*	*	*
Horoguduru w.	27,573	14,115	13,458	13,299	9,443	3,856	25,691	9,429	16,262	*	*	*

TABLE 3-20 – c CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	175,319	99,397	75,922	64,092	40,271	23,821	283,041	86,916	196,125	15,552	3,339	12,212
Shinele	25,308	13,680	11,628	6,783	4,793	1,991	68,100	17,009	51,091	4,147	980	3,167
Jijiga	71,407	50,219	21,188	17,116	13,636	3,480	81,630	28,384	53,246	1,061	*	877
Liben	78,604	35,498	43,106	40,193	21,842	18,351	133,311	41,523	91,788	10,343	*	8,168
<b>Benshangul-Gumuz</b>	85,013	41,388	43,625	46,178	28,250	17,928	202,894	77,268	125,626	2,187	*	1,377
Metekel	43,256	20,982	22,274	23,856	13,898	9,959	93,491	38,055	55,436	930	*	*
Asosa	30,517	14,758	15,759	17,241	11,158	6,083	92,579	32,495	60,084	*	*	*
Kemeshi	6,490	3,376	3,113	3,782	2,186	1,595	8,393	3,415	4,978	150	*	129
Mao Komo	4,751	2,272	2,479	1,299	1,008	291	8,432	3,303	5,129	*	-	*
<b>SNNP</b>	593,251	330,639	262,612	95,012	38,388	56,624	466,242	178,656	287,586	77,268	32,271	44,997
Gurage	22,277	10,880	11,397	5,440	4,512	*	17,100	6,344	10,756	*	*	*
Hadiya	23,907	11,291	12,616	13,009	6,489	6,520	27,653	11,771	15,882	*	-	*
Kembata Tembaro	9,695	3,683	6,012	5,290	4,237	1,053	9,037	3,712	5,325	4,171	*	3,195
Sidama	127,924	70,341	57,583	15,019	14,174	*	*	*	9,875	*	*	*
Gedio	*	*	*	*	-	*	*	*	*	*	*	*
Wolayita	18,715	7,583	11,132	*	-	*	11,199	4,962	6,237	1,474	*	*
South Omo	214,224	142,385	71,839	06,568	72,897	33,672	208,053	78,441	129,611	39,163	21,677	17,486
Shaka	3,242	1,452	1,790	4,515	2,581	1,933	973	342	631	1,223	*	1,029
Kaffa	26,158	13,370	12,788	15,413	11,872	3,540	35,588	13,354	22,233	7,360	1,986	5,374
Gamo Gofa	52,968	23,045	29,923	*	*	-	41,684	13,718	27,966	1,696	*	*
Bench Maji	9,466	4,099	5,367	6,498	4,811	1,687	8,702	2,830	5,872	725	*	646
Yem Sp. Wereda	5,264	2,599	2,665	620	360	*	6,566	2,339	4,227	740	*	697
Dawro	5,820	3,614	2,207	904	819	*	5,806	2,217	3,589	*	*	*
Basketo Sp. Wereda	2,145	888	1,257	310	*	166	*	*	*	*	*	*
Konta Sp. Wereda	1,235	840	395	*	*	-	5,045	*	3,160	-	-	-
Silte	36,307	14,507	21,799	14,435	10,438	3,998	25,395	8,284	17,111	2,488	*	1,536
Alaba Sp. Wereda	11,168	4,501	6,666	2,525	1,974	551	8,327	3,031	5,296	1,474	*	1,154
Segen People	20,919	14,437	6,482	3,056	2,191	*	32,041	14,842	17,199	2,426	*	*
<b>Gambela Region</b>	10,116	6,249	3,867	3,526	2,720	806	25,298	9,835	15,463	1,254	657	*
Angnuwak	6,384	4,178	2,205	1,479	1,133	*	*	*	5,103	*	*	*
Nuware	1,802	902	899	100	88	*	11,834	4,045	7,789	*	*	*
Mezhenger	1,097	386	711	1,947	1,499	449	*	*	*	*	*	*
Itang Special	*	*	*	-	-	-	2,172	821	1,351	*	*	*
<b>Harari</b>	4,704	3,194	1,509	7,798	6,721	1,077	8,980	2,610	6,370	1,534	*	1,371
Hundene	4,704	3,194	1,509	7,798	6,721	1,077	8,980	2,610	6,370	1,534	*	1,371
<b>Dire Dawa</b>	27,218	17,766	9,452	6,362	4,673	1,689	66,125	18,878	47,246	7,863	2,416	5,447

## d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	139,196	80,763	58,433	155,649	72,708	82,942	16,032	4,013	12,018
<b>Tigray</b>	*	*	-	2,489	*	*	*	*	-
North West Tigray	-	-	-	*	*	*	-	-	-
Central Tigray	-	-	-	*	-	*	-	-	-
Eastern Tigray	-	-	-	*	*	*	-	-	-
Southern Tigray	*	*	-	*	*	*	*	*	-
Western Tigray	*	*	-	*	*	-	-	-	-
<b>Afar</b>	*	*	*	*	*	*	-	-	-
Zone 1	*	*	*	*	*	*	-	-	-
Zone 3	-	-	-	*	*	*	-	-	-
<b>Amhara</b>	43,474	19,188	24,286	39,860	14,432	25,428	*	-	*
North Gonder	*	*	*	*	*	*	*	-	*
South Gonder	4,207	*	3,391	*	*	*	-	-	-
North Wolo	7,280	3,660	3,620	*	*	*	-	-	-
South Wolo	8,680	1,938	6,742	*	*	-	-	-	-
North Shewa	2,787	*	1,744	5,628	*	3,921	*	-	*
East Gojam	9,182	4,978	4,204	11,565	3,355	8,210	-	-	-
West Gojam	*	*	*	*	*	*	-	-	-
Waghamera	*	*	*	*	*	*	-	-	-
Awi	4,308	3,430	*	6,557	*	4,285	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	70,363	47,687	22,676	74,534	39,200	35,334	9,572	2,725	*
West Wellega	-	-	-	*	*	*	*	*	*
East Wellega	*	*	*	*	*	-	-	-	-
Illubabor	2,383	1,254	1,129	4,407	2,310	2,098	*	-	*
Jimma	3,399	*	*	8,435	4,628	3,807	*	-	*
West Shewa	9,575	6,973	2,602	15,455	5,708	9,746	*	*	*
North Shewa	7,631	5,200	2,430	4,358	1,486	*	*	*	-
East Shewa	1,300	1,300	-	2,240	1,700	*	-	-	-
Arsi	12,973	7,634	5,339	9,095	4,290	4,805	-	-	-
West Harerghe	*	*	*	*	*	-	*	*	-
East Harerghe	*	*	-	-	-	-	-	-	-
Bale	3,761	3,344	*	4,933	2,971	1,962	*	*	*
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	6,431	5,780	*	3,742	2,642	*	*	*	-
Guji	10,272	5,533	4,739	9,281	5,963	3,318	-	-	-
West Arsi	6,066	5,305	*	6,491	*	*	-	-	-
Kelem Wellega	*	*	*	*	*	*	-	-	-
Horoguduru Wellega	854	632	*	4,440	1,454	2,986	*	*	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	*	*	*	*	*	*	*	*	*
Shinele	-	-	-	*	*	*	*	*	*
Jijiga	*	*	*	*	*	*	*	*	-
Liben	*	*	*	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	*	*	-	*	*	-	-	-	-
Metekel	*	*	-	-	-	-	-	-	-
Asosa	-	-	-	*	*	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	22,321	12,242	10,079	33,454	15,976	17,478	4,119	930	3,190
Gurage	3,715	2,049	*	4,168	*	*	*	-	*
Hadiya	2,410	*	*	4,456	2,155	*	*	-	*
Kembata Tembaro	*	*	*	921	*	*	*	*	-
Sidama	*	*	*	*	*	*	-	-	-
Gedio	1,328	1,216	*	*	*	*	-	-	-
Wolayita	*	-	*	-	-	-	-	-	-
South Omo	1,867	1,302	*	*	*	*	*	*	*
Shaka	*	*	-	618	618	-	-	-	-
Kaffa	3,439	1,720	1,718	7,118	3,420	3,697	777	*	*
Gamo Gofa	1,491	*	*	4,321	*	*	*	*	*
Bench Maji	1,224	*	1,026	1,610	*	*	-	-	-
Yem Sp. Wereda	*	*	-	*	*	-	*	*	*
Dawro	*	*	*	*	*	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	-	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	-	-	-
Silte	1,831	*	*	2,047	1,154	*	-	-	-
Alaba Sp. Wereda	*	-	*	*	*	*	-	-	-
Segen People	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	*	*	*	278	201	*	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	*	-	*	*	-	*	-	-	-
Mezhenger	*	*	-	201	201	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
<b>Dire Dawa</b>	-	-	-	-	-	-	-	-	-

## e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	545,264	337,728	207,536	482,358	222,975	259,384	31,219	13,224	17,995
<b>Tigray</b>	49,843	29,629	20,214	41,752	20,681	21,070	*	*	*
North West Tigray	11,090	6,213	4,877	15,278	6,618	8,660	-	-	-
Central Tigray	10,219	5,649	4,570	9,272	4,721	4,551	-	-	-
Eastern Tigray	12,153	8,712	3,440	5,614	2,993	2,621	-	-	-
Southern Tigray	14,262	7,790	6,472	9,076	5,053	4,023	*	*	*
Western Tigray	2,119	1,265	854	2,511	1,297	1,214	-	-	-
<b>Afar</b>	1,801	955	*	16,614	7,039	*	*	*	-
Zone 1	*	*	*	*	*	*	-	-	-
Zone 3	*	*	*	*	6,343	*	*	*	-
<b>Amhara</b>	197,928	107,279	90,648	191,271	85,671	105,600	11,080	4,449	6,632
North Gondar	31,194	18,254	12,941	28,745	15,183	13,561	*	*	-
South Gondar	23,150	13,902	9,248	27,430	7,591	19,839	-	-	-
North Wolo	17,947	10,720	7,227	6,759	2,359	4,400	*	*	*
South Wolo	40,922	19,541	21,381	21,595	10,210	11,386	6,758	*	5,344
North Shewa	17,694	6,865	10,829	23,082	13,474	9,608	*	*	*
East Gojam	25,833	14,802	11,031	32,054	15,336	16,717	-	-	-
West Gojam	22,615	12,382	10,233	36,933	15,672	*	*	*	*
Waghamera	9,919	6,298	3,621	5,658	1,905	3,753	-	-	-
Awı	6,534	3,335	3,199	6,488	3,314	3,174	-	-	-
Oromia	1,733	*	863	2,325	*	1,741	*	*	-
Argoba Special	386	311	76	204	42	162	-	-	-
<b>Oromia</b>	161,533	86,909	74,624	173,010	77,394	95,616	12,705	5,481	7,225
West Wellega	24,611	7,191	*	6,346	2,807	3,539	-	-	-
East Wellega	6,471	4,541	1,930	12,508	8,895	3,613	*	-	*
Illubabor	4,255	2,621	1,634	6,297	2,455	3,842	*	*	-
Jimma	6,017	*	2,477	6,039	*	3,592	*	*	*
West Shewa	11,299	7,505	3,794	14,715	7,110	7,605	*	*	*
North Shewa	9,261	4,018	5,243	10,748	1,760	8,987	1,089	*	*
East Shewa	11,288	5,822	5,467	15,609	5,206	10,403	*	*	*
Arsi	22,697	12,774	9,922	18,926	8,982	9,944	*	*	*
West Harerghe	17,313	11,053	6,259	12,898	5,020	7,878	*	-	*
East Harerghe	6,364	3,737	2,627	10,601	2,543	8,058	*	*	*
Bale	7,544	4,814	2,731	15,729	7,429	8,300	*	*	*
Borena	3,364	1,821	1,544	2,290	*	932	*	-	*
South West Shewa	6,733	4,146	2,588	8,093	3,112	4,981	*	*	*
Guji	6,628	3,248	*	*	*	*	*	*	-
West Arsi	9,188	4,531	4,657	6,410	3,430	2,980	*	*	-
Kelem Wellega	6,549	4,824	1,725	4,889	2,908	1,981	-	-	-
Horoguduru Wellega	1,951	723	1,228	6,369	2,622	3,747	*	*	*

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	1,915	*	*	*	*	2,852	*	*	*
Shinele	*	*	*	896	377	518	*	*	*
Jijiga	627	*	497	1,113	881	*	-	-	-
Liben	*	*	*	*	*	*	*	*	*
<b>Benshangul-Gumuz</b>	7,531	6,592	939	15,531	10,398	5,133	*	*	-
Metekel	4,145	4,145	-	5,165	4,229	*	*	*	-
Asosa	2,393	1,500	893	8,349	4,626	3,723	-	-	-
Kemeshi	928	928	-	1,475	1,304	171	-	-	-
Mao Komo	*	*	*	542	240	302	-	-	-
<b>SNNP</b>	*	*	18,612	34,521	16,894	17,627	4,514	1,779	2,735
Gurage	6,091	3,034	3,057	3,959	1,576	2,383	*	*	*
Hadiya	4,283	2,874	1,409	6,639	2,399	4,240	*	-	*
Kembata Tembaro	2,359	2,198	*	1,172	1,058	*	*	*	*
Sidama	*	*	*	-	-	-	-	-	-
Gedio	*	*	-	*	*	-	-	-	-
Wolayita	3,152	2,656	*	1,838	1,597	*	-	-	-
South Omo	2,760	2,466	*	3,553	2,309	1,244	-	-	-
Shaka	*	*	-	*	*	-	*	*	-
Kaffa	-	-	-	*	*	*	-	-	-
Gamo Gofa	5,901	1,810	4,091	5,684	2,484	*	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Sp. Wereda	213	*	*	484	*	353	*	*	*
Dawro	*	*	*	*	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	*	-	*
Konta Sp. Wereda	*	-	*	-	-	-	-	-	-
Silte	9,912	4,615	5,297	5,561	2,756	2,805	2,699	1,124	1,575
Alaba Sp. Wereda	3,937	1,926	2,011	2,536	*	1,848	*	-	*
Segen People	540	*	*	950	*	718	*	*	-
<b>Gambela Region</b>	*	*	-	*	*	-	-	-	-
Angnuwak	*	*	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	*	-	*	712	342	370	*	-	*
Hundene	*	-	*	712	342	370	*	-	*
<b>Dire Dawa</b>	191	155	*	2,254	713	1,541	*	-	*

## f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Ethiopia</b>	35,295	14,564	20,731	21,839	10,864	10,975	*	-	*
<b>Tigray</b>	*	*	-	*	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	-	*	-	-	-
Western Tigray	*	*	-	*	*	*	-	-	-
<b>Afar</b>	*	-	*	-	-	-	-	-	-
Zone 1	*	-	*	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
<b>Amhara</b>	19,386	7,282	12,104	10,010	4,234	5,776	-	-	-
North Gondar	*	-	*	*	*	-	-	-	-
South Gondar	*	*	-	*	*	*	-	-	-
North Wolo	*	*	*	-	-	-	-	-	-
South Wolo	4,181	2,279	*	1,998	*	*	-	-	-
North Shewa	*	*	-	-	-	-	-	-	-
East Gojam	*	-	*	*	*	*	-	-	-
West Gojam	7,147	*	6,660	*	-	*	-	-	-
Waghamera	*	-	*	*	*	*	-	-	-
Awii	3,228	2,323	*	*	*	-	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
<b>Oromia</b>	8,566	4,451	4,115	4,329	1,862	2,467	-	-	-
West Wellega	-	-	-	*	*	*	-	-	-
East Wellega	1,089	561	*	*	*	*	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	*	*	*	*	*	-	-	-	-
West Shewa	*	*	*	*	*	*	-	-	-
North Shewa	*	*	*	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-	-	-	-
Arsi	*	*	*	*	-	*	-	-	-
West Harerghe	-	-	-	-	-	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	*	*	-	*	*	-	-	-	-
South West Shewa	*	-	*	-	-	-	-	-	-
Guji	*	*	*	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	*	*	*	*	*	-	-	-	-
Horoguduru Wellega	-	-	-	*	-	*	-	-	-



TABLE 3-20 – f CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	-	-	-	*	*	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	-	-	-	*	*	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
<b>Benshangul-Gumuz</b>	*	*	-	*	*	*	-	-	-
Metekel	*	*	-	*	*	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	*	*	-	-	-	-
<b>SNNP</b>	6,592	2,232	*	5,749	3,778	1,971	*	-	*
Gurage	*	*	*	*	*	-	-	-	-
Hadiya	*	*	*	*	*	*	-	-	-
Kembata Tembaro	*	*	*	*	*	-	*	-	*
Sidama	*	-	*	-	-	-	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	*	*	-	*	*	*	-	-	-
Shaka	*	*	-	-	-	-	-	-	-
Kaffa	*	*	*	*	*	-	-	-	-
Gamo Gofa	*	*	-	1,070	*	*	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Sp. Wereda	*	-	*	-	-	-	-	-	-
Dawro	*	*	*	262	*	*	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	-	-	-
Silte	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	*	*	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	*	*	-	*	*	*	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	*	*	-	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
<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>Ethiopia</b>	56,972	45,873	11,099	3,719	*	1,875	117,617	35,029	82,588	1,927	*	1,176
<b>Tigray</b>	10,357	9,105	*	*	*	*	*	971	*	*	*	-
North West Tigray	*	*	-	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	-	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	5,088	3,836	*	*	*	*	*	*	*	-	-	-
Western Tigray	*	*	-	-	-	-	*	*	-	*	*	-
<b>Afar</b>	19,944	12,472	7,472	2,395	*	1,341	82,260	21,231	61,029	*	-	*
Zone 1	9,498	7,721	1,777	*	*	*	*	*	*	*	-	*
Zone 3	*	*	*	*	-	*	48,799	10,202	38,597	-	-	-
<b>Amhara</b>	9,724	9,724	-	*	*	-	7,246	3,556	*	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	1,950	1,950	-	-	-	-	*	*	-	-	-	-
South Wolo	*	*	-	-	-	-	*	*	-	-	-	-
North Shewa	*	*	-	-	-	-	*	1,849	*	-	-	-
East Gojam	-	-	-	-	-	-	*	-	*	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-	-	-
Awii	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	2,849	2,849	-	*	*	-	*	-	*	*	*	-
Argoba special	*	*	-	*	*	-	*	*	*	-	-	-
<b>Oromia</b>	5,479	4,290	1,189	-	-	-	12,935	4,871	8,065	*	-	*
West Wellega	-	-	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Arsi	-	-	-	-	-	-	-	-	-	-	-	-
West Harerghe	*	*	-	-	-	-	*	*	*	-	-	-
East Harerghe	1,271	1,271	-	-	-	-	4,865	*	2,562	-	-	-
Bale	*	*	*	-	-	-	*	*	*	*	-	*
Borena	1,811	1,033	777	-	-	-	*	*	*	-	-	-
South West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Guji	*	*	-	-	-	-	*	*	*	*	-	*
West Arsi	-	-	-	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3-20 – g CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Somale</b>	*	*	1,117	*	*	*	13,232	4,244	8,988	960	*	*
Shinele	*	*	*	-	-	-	1,133	404	729	*	-	*
Jijiga	561	391	*	*	-	*	2,702	840	1,862	*	*	-
Liben	*	*	*	*	*	*	9,397	*	6,396	*	*	*
<b>Benshangul-Gumuz</b>	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
<b>SNNP</b>	-	-	-	-	-	-	*	-	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	*	-	*	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
<b>Harari</b>	-	-	-	*	*	*	*	-	*	-	-	-
Hundene	-	-	-	*	*	*	*	-	*	-	-	-
<b>Dire Dawa</b>	*	*	*	-	-	-	520	156	365	*	-	*

## h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>Ethiopia</b>	15,526,015	16,389,777	62,100,755	592,738
<b>Tigray</b>	1,637,962	3,274,063	6,671,981	98,719
North West Tigray	554,720	1,296,942	2,977,879	43,057
Central Tigray	475,248	746,596	1,406,420	13,131
Eastern Tigray	215,272	344,420	656,579	13,347
Southern Tigray	285,832	453,586	718,448	15,858
Western Tigray	106,890	432,519	912,654	13,326
<b>Afar</b>	31,750	32,216	121,229	7,155
Zone 1	*	*	-	-
Zone 3	31,606	32,144	121,229	7,155
<b>Amhara</b>	7,193,413	8,187,459	23,717,940	165,522
North Gondar	2,082,640	3,163,866	7,847,235	42,505
South Gondar	941,599	1,171,961	2,772,645	20,170
North Wolo	373,164	325,313	866,533	6,351
South Wolo	625,683	475,887	1,405,273	21,559
North Shewa	771,110	769,731	1,943,705	9,115
East Gojam	435,669	206,266	1,117,218	6,182
West Gojam	1,245,707	1,435,084	5,375,690	*
Waghamera	95,378	110,335	266,194	4,876
Awi	511,678	460,940	1,776,910	21,410
Oromia	102,714	61,969	320,048	*
Argoba Special	8,071	6,106	26,489	289
<b>Oromia</b>	4,211,711	3,143,013	18,959,542	190,206
West Wellega	261,086	276,721	2,126,422	22,529
East Wellega	200,465	208,510	1,076,016	6,823
Illubabor	200,901	225,084	1,128,994	11,005
Jimma	268,007	140,434	1,541,249	14,503
West Shewa	400,121	451,233	2,132,746	14,774
North Shewa	229,083	92,782	624,602	10,312
East Shewa	327,580	237,281	1,091,897	6,865
Arsi	525,147	448,674	1,373,476	18,569
West Harerghe	383,323	163,881	1,317,724	25,259
East Harerghe	152,157	27,767	1,210,111	11,321
Bale	149,769	98,178	578,010	5,659
Borena	83,004	29,712	178,971	1,713
South West Shewa	261,894	180,197	1,038,959	*
Guji	186,317	73,799	706,012	*
West Arsi	298,546	73,810	910,761	*
Kelem Wellega	122,528	222,287	1,263,202	4,587
Horoguduru Wellega	161,783	192,663	660,390	3,188

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
<b>Somale</b>	54,450	*	137,715	*
Shinele	*	*	4,724	*
Jijiga	-	-	-	-
Liben	53,897	*	132,990	*
<b>Benshangul-Gumuz</b>	371,252	464,283	2,477,339	19,144
Metekel	236,754	292,890	1,485,364	13,904
Asosa	93,291	131,084	755,979	3,730
Kemeshi	26,683	24,801	138,501	1,166
Mao Komo	14,524	15,509	97,494	*
<b>SNNP</b>	1,950,222	1,231,171	9,422,672	97,435
Gurage	118,255	85,648	343,617	3,579
Hadiya	235,018	167,383	886,675	11,675
Kembata Tembaro	84,544	67,746	362,095	8,568
Sidama	453,790	255,504	1,245,621	*
Gedio	123,551	82,032	237,423	3,256
Wolayita	119,413	11,372	546,856	*
South Omo	98,648	39,689	561,538	6,686
Shaka	21,750	62,289	290,236	2,278
Kaffa	135,427	150,695	1,672,326	9,774
Gamo Gofa	151,361	33,574	885,528	*
Bench Maji	135,832	135,775	1,145,012	12,437
Yem Sp. Wereda	9,409	7,845	34,248	1,530
Dawro	16,783	2,410	132,748	*
Basketo Sp. Wereda	10,276	5,013	56,781	*
Konta Sp. Wereda	10,753	*	122,164	664
Silte	152,903	84,650	404,260	*
Alaba Sp. Wereda	35,643	10,069	199,811	3,746
Segen People	36,868	25,189	295,734	1,822
<b>Gambela Region</b>	54,101	44,958	401,197	6,223
Angnuwak	32,336	21,781	177,838	4,228
Nuware	6,763	1,288	47,313	981
Mezhenger	9,379	19,560	149,825	800
Itang Special	5,622	*	26,222	*
<b>Harari</b>	9,109	1,786	108,386	3,130
Hundene	9,109	1,786	108,386	3,130
<b>Dire Dawa</b>	12,045	753	82,755	2,376

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

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
<b>Ethiopia</b>	7,155,114	11,833,179	1.373	6	3,134,181,317	279,999	231,113	*	9	179,658,966
<b>Tigray</b>	28,133	825,162	1.248	6	193,341,053	*	*	*	*	*
North West Tigray	7,470	321,826	1.247	5	73,349,681	-	*	-	*	-
Central Tigray	4,163	91,653	0.985	6	17,656,542	-	-	-	-	-
Eastern Tigray	4,603	79,888	1.337	6	18,388,815	-	-	*	-	-
Southern Tigray	*	137,682	1.208	6	34,067,964	*	*	*	*	*
Western Tigray	3,257	194,114	1.471	5	49,878,052	-	-	-	-	-
<b>Afar</b>	271,143	394,715	1.864	6	132,691,324	149,080	85,225	3.174	9	76,559,122
Zone 1	184,760	288,463	1.85	6	96,337,681	46,220	42,726	2.943	9	34,520,358
Zone 3	86,383	106,252	1.899	5	36,353,644	102,860	42,498	3.441	9	42,038,764
<b>Amhara</b>	261,606	2,728,753	1.199	5	597,154,033	*	*	*	*	*
North Gonder	88,147	733,466	1.38	6	203,761,600	-	*	-	-	-
South Gonder	16,282	275,084	1.023	5	47,678,789	-	-	-	-	-
North Wolo	24,919	155,017	1.232	5	29,744,045	-	*	-	-	-
South Wolo	18,880	301,661	1.371	5	63,714,194	-	-	-	-	-
North Shewa	21,306	165,001	1.211	5	36,026,260	-	*	*	*	-
East Gojam	41,048	320,909	1.038	6	65,708,254	-	-	-	-	-
West Gojam	27,013	425,341	1.048	6	77,842,141	-	-	-	*	-
Waghamera	*	56,611	0.869	6	8,268,699	-	-	-	-	-
Awi	*	237,467	1.264	5	52,835,949	-	-	-	-	-
Oromia	*	54,277	1.213	6	10,954,188	*	*	*	*	*
Argoba Special	412	3,919	0.896	5	619,914	-	-	-	-	-
<b>Oromia</b>	3,093,286	4,830,322	1.469	6	1,383,610,383	67,361	80,820	3.544	9	61,801,073
West Wellega	58,117	221,014	1.22	7	57,723,518	-	-	*	-	-
East Wellega	*	221,144	1.042	6	43,118,049	-	*	-	-	-
Illubabor	88,530	267,697	1.188	6	62,286,960	-	-	*	-	-
Jimma	361,710	484,994	1.041	6	96,884,104	-	-	-	-	-
West Shewa	162,506	425,692	1.297	6	98,328,067	-	*	*	-	-
North Shewa	236,808	324,425	2.097	6	135,337,976	-	*	-	-	-
East Shewa	88,360	172,048	1.427	7	57,252,915	*	*	*	*	*
Arsi	430,395	479,886	1.849	6	188,101,806	*	*	*	*	*
West Harerghe	129,569	225,031	1.691	6	68,587,944	*	*	2.973	9	*
East Harerghe	55,927	255,855	1.752	5	73,928,331	*	11,275	3.277	9	7,109,061
Bale	456,934	343,509	1.421	6	98,043,662	10,187	10,566	2.076	*	2,294,564
Borena	118,915	230,142	1.396	6	60,352,531	17,634	7,935	4.028	9	5,811,449
South West Shewa	87,834	177,059	1.267	6	39,382,971	-	*	*	-	-
Guji	238,476	244,655	1.519	7	80,491,584	*	*	4.149	11	8,577,581
West Arsi	564,566	515,470	1.639	6	167,692,032	-	*	*	*	*
Kelem Wellega	*	120,148	1.306	6	30,387,336	-	-	-	-	-
Horoguduru Wellega	4,196	121,553	1.047	6	25,710,598	-	*	-	-	-

TABLE 3-21 CONT'D

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
<b>Somale</b>	95,109	136,362	1.658	5	39,991,988	49,557	58,481	3.086	9	38,492,417
Shinele	2,095	2,534	1.345	4	575,075	1,921	1,118	2.595	9	995,807
Jijiga	69,876	77,578	1.66	5	23,311,515	15,512	18,777	2.757	9	4,994,201
Liben	23,139	56,250	1.679	5	16,105,399	32,124	38,586	3.176	9	32,502,409
<b>Benshangul-Gumuz</b>	37,948	146,967	1.114	6	32,619,058	-	-	-	-	-
Metekel	33,784	123,122	1.097	6	27,195,690	-	-	-	-	-
Asosa	*	12,755	1.035	6	2,399,756	-	-	-	-	-
Kemeshi	*	9,419	1.352	6	2,476,961	-	-	-	-	-
Mao Komo	282	1,672	1.452	6	546,651	-	-	-	-	-
<b>SNNP</b>	3,337,107	2,683,643	1.395	6	725,878,141	-	-	*	*	-
Gurage	317,633	215,904	1.209	6	47,607,419	-	-	-	-	-
Hadiya	285,403	217,975	1.359	6	57,757,203	-	-	-	-	-
Kembata Tembaro	121,610	104,257	1.674	7	40,007,183	-	-	-	-	-
Sidama	742,317	663,723	1.533	6	216,964,190	-	-	*	-	-
Gedio	10,732	21,834	1.168	5	3,951,641	-	-	*	-	-
Wolayita	257,965	224,914	1.399	7	69,065,134	-	-	-	-	-
South Omo	395,807	299,255	1.452	5	70,787,699	-	-	-	*	-
Shaka	35,895	39,141	1.731	6	12,376,671	-	-	-	-	-
Kaffa	256,872	212,958	1.567	5	56,307,942	-	-	-	-	-
Gamo Gofa	412,952	292,590	1.213	6	65,157,141	-	-	-	-	-
Bench Maji	91,695	84,762	1.564	6	24,551,752	-	-	-	-	-
Yem Sp. Wereda	12,655	11,386	1.07	6	2,401,250	-	-	-	-	-
Dawro	96,006	68,454	1.203	5	14,962,716	-	-	-	-	-
Basketo Sp. Wereda	14,927	11,041	1.108	5	2,236,795	-	-	-	-	-
Konta Sp. Wereda	31,562	26,127	1.207	6	5,713,008	-	-	-	-	-
Silte	149,284	106,766	1.102	6	19,811,581	-	-	-	-	-
Alaba Sp. Wereda	42,749	33,473	1.177	6	7,467,402	-	-	-	-	-
Segen People	61,044	49,083	1.057	5	8,751,415	-	-	-	-	-
<b>Gambela Region</b>	19,834	59,271	1.679	6	19,676,786	-	-	-	-	-
Angnuwak	*	5,964	1.55	5	1,583,476	-	-	-	-	-
Nuware	7,069	41,452	1.681	6	14,616,420	-	-	-	-	-
Mezhenger	9,265	8,377	1.754	5	2,380,401	-	-	-	-	-
Itang Special	*	3,478	1.575	6	1,096,489	-	-	-	-	-
<b>Harari</b>	8,092	17,130	1.911	6	6,159,168	*	*	*	11	*
Hundene	8,092	17,130	1.911	6	6,159,168	*	*	*	11	*
<b>Dire Dawa</b>	2,856	10,854	1.703	5	3,059,383	845	898	2.384	10	429,713

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

## a. Indigenous Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Ethiopia</b>	17,352,213	4	21	12	92,692,202
<b>Tigray</b>	1,315,399	4	21	12	8,273,718
North West Tigray	450,282	3	19	12	2,167,625
Central Tigray	294,756	5	21	12	1,990,998
Eastern Tigray	197,260	6	23	13	1,674,646
Southern Tigray	215,175	5	23	13	1,694,904
Western Tigray	157,927	4	20	12	745,545
<b>Afar</b>	35,480	4	23	12	206,253
Zone 1	-	-	-	-	-
Zone 3	35,480	4	23	12	206,253
<b>Amhara</b>	5,110,976	4	22	12	28,696,316
North Gonder	1,243,286	3	20	12	5,677,930
South Gonder	539,037	4	22	12	2,588,424
North Wolo	307,343	4	23	12	1,520,020
South Wolo	576,809	4	23	12	3,560,559
North Shewa	692,184	5	22	12	4,340,538
East Gojam	412,407	5	25	14	3,531,692
West Gojam	862,225	4	22	13	4,645,313
Waghamera	83,806	4	22	11	480,345
Awi	316,472	4	21	13	1,891,437
Oromia	69,815	4	23	12	416,906
Argoba Special	7,591	5	21	11	43,154
<b>Oromia</b>	6,976,846	4	21	12	38,148,906
West Wellega	353,696	3	18	10	1,191,520
East Wellega	264,049	3	18	10	793,237
Illubabor	425,981	3	19	11	1,582,034
Jimma	703,958	3	19	10	2,696,997
West Shewa	578,978	5	22	12	4,105,301
North Shewa	513,664	5	25	14	3,785,149
East Shewa	454,094	5	23	13	3,037,353
Arsi	730,149	5	24	14	5,499,264
West Harerghe	439,223	4	20	12	2,416,006
East Harerghe	525,910	4	21	11	2,374,995
Bale	237,407	4	23	14	1,394,143
Borena	146,940	4	20	13	745,311
South West Shewa	389,607	4	23	13	2,628,557
Guji	331,822	3	21	14	1,564,334
West arsi	426,212	4	22	14	2,660,707
Kelem Wellega	310,730	3	18	10	1,093,354
Horoguduru Wellega	144,426	3	21	12	580,644



TABLE 3-22 – a CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somale</b>	45,956	4	19	12	229,974
Shinele	2,142	4	18	9	9,273
Jijiga	4,816	5	16	10	18,899
Liben	38,998	4	19	13	201,802
<b>Benshangul-Gumuz</b>	272,868	3	18	11	1,224,499
Metekel	129,841	3	18	11	540,959
Asosa	106,890	3	19	11	553,553
Kemeshi	21,893	3	18	10	72,667
Mao Komo	14,244	3	17	11	57,321
<b>SNNP</b>	3,430,513	3	20	11	15,168,852
Gurage	222,295	5	22	12	1,267,507
Hadiya	300,959	3	21	11	1,390,201
Kembata Tembaro	139,711	4	19	11	642,337
Sidama	677,344	3	20	12	3,245,944
Gedio	112,137	3	21	12	580,792
Wolayita	279,094	3	18	10	1,037,639
South Omo	218,302	4	19	11	997,498
Shaka	49,855	3	19	11	234,710
Kaffa	324,576	3	18	10	1,102,523
Gamo Gofa	337,477	4	19	11	1,363,848
Bench Maji	166,939	3	19	11	751,989
Yem Sp. Wereda	25,029	4	20	11	132,151
Dawro	76,744	4	18	10	276,336
Basketo Sp. Wereda	19,482	3	19	11	87,139
Konta Sp. Wereda	36,996	3	17	9	118,112
Silte	259,982	4	21	12	1,190,288
Alaba Sp. Wereda	59,980	4	20	11	253,048
Segen People	123,611	3	19	11	496,790
<b>Gambela Region</b>	92,500	3	17	11	396,434
Angnuwak	44,345	3	17	11	178,106
Nuware	18,295	3	16	12	80,358
Mezhenger	16,348	3	20	11	80,479
Itang Special	13,512	3	13	11	57,490
<b>Harari</b>	30,576	4	21	11	144,470
Hundene	30,576	4	21	11	144,470
<b>Dire Dawa</b>	41,099	4	20	12	202,780

## b. Hybrid

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Ethiopia</b>	1,044,820	5	42	35	12,747,424
<b>Tigray</b>	201,628	5	34	26	2,225,380
North West Tigray	70,512	3	28	22	472,343
Central Tigray	47,135	6	26	18	544,189
Eastern Tigray	40,647	6	48	32	525,911
Southern Tigray	22,362	9	51	41	494,177
Western Tigray	20,971	4	32	26	188,760
<b>Afar</b>	*	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	*	*	*	*
<b>Amhara</b>	350,752	5	35	28	3,978,751
North Gondar	39,853	4	22	18	326,310
South Gondar	36,549	6	30	24	466,577
North Wolo	9,328	3	*	*	*
South Wolo	53,001	4	30	25	523,513
North Shewa	63,181	5	33	22	686,351
East Gojam	49,890	6	52	44	837,605
West Gojam	72,194	4	36	31	811,058
Waghamera	3,685	5	49	44	37,922
Awi	21,726	4	32	28	194,752
Oromia	*	4	27	26	*
Argoba Special	278	4	30	22	2,307
<b>Oromia</b>	220,897	5	38	32	2,581,696
West Wellega	15,483	4	27	21	138,938
East Wellega	7,581	4	39	31	83,477
Illubabor	9,209	5	37	33	103,827
Jimma	13,444	6	24	20	164,903
West Shewa	28,509	6	28	21	325,531
North Shewa	20,709	4	67	58	209,386
East Shewa	17,611	6	32	27	367,439
Arsi	43,697	5	47	36	534,723
West Harerghe	7,290	5	25	22	132,232
East Harerghe	6,819	3	*	*	*
Bale	11,646	4	34	33	99,791
Borena	576	4	19	18	4,745
South West Shewa	19,755	2	45	42	164,060
Guji	*	*	*	*	*
West Arsi	*	*	*	*	*
Kelem Wellega	7,701	5	23	20	77,141
Horoguduru Wellega	3,784	6	*	*	36,400

TABLE 3-22 - b CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somale</b>	-	-	*	*	-
Shinele	-	-	*	*	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
<b>Benshangul-Gumuz</b>	5,224	4	22	16	51,407
Metekel	3,175	4	24	17	18,473
Asosa	*	*	18	15	*
Kemeshi	*	*	*	*	*
Mao komo	*	*	*	*	*
<b>SNNP</b>	260,926	4	58	52	3,860,881
Gurage	26,353	5	71	65	386,455
Hadiya	19,118	6	78	69	590,053
Kembata Tembaro	29,805	5	36	30	461,314
Sidama	31,287	5	39	36	529,270
Gedio	9,210	3	29	24	69,827
Wolayita	14,362	3	28	22	119,778
South Omo	16,116	4	30	26	143,327
Shaka	2,426	4	23	19	14,868
Kaffa	*	*	*	*	*
Gamo Gofa	47,321	4	30	28	514,431
Bench Maji	2,586	3	23	19	*
Yem Sp. Wereda	*	4	23	19	2,592
Dawro	*	4	*	*	*
Basketo Sp. Wereda	2,083	3	24	21	16,488
Konta Sp. Wereda	*	*	*	*	*
Silte	43,148	3	165	147	839,735
Alaba Sp. Wereda	1,543	2	38	34	8,734
Segen People	8,714	3	*	*	77,231
<b>Gambela Region</b>	*	*	*	*	*
Angnuwak	*	*	*	*	*
Nuware	-	-	-	-	-
Mezhenger	387	*	*	*	*
Itang Special	-	*	*	*	*
<b>Harari</b>	*	*	*	*	*
Hundene	*	*	*	*	*
<b>Dire Dawa</b>	1,462	4	*	35	12,162

c. Exotic Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Ethiopia</b>	1,515,251	-	159	137	22,126,477
<b>Tigray</b>	488,288	-	180	158	8,735,031
North West Tigray	109,154	-	141	129	1,802,358
Central Tigray	134,904	-	194	171	2,503,269
Eastern Tigray	102,455	-	194	161	1,880,519
Southern Tigray	107,767	-	197	176	2,067,432
Western Tigray	34,008	-	142	127	481,453
<b>Afar</b>	*	-	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	-	*	*	*
<b>Amhara</b>	642,860	-	168	142	9,040,603
North Gonder	74,355	-	190	152	1,233,347
South Gonder	50,674	-	244	205	1,070,457
North Wolo	56,594	-	111	99	611,415
South Wolo	170,091	-	129	113	1,710,473
North Shewa	134,086	-	188	159	2,144,232
East Gojam	40,665	-	167	139	668,299
West Gojam	71,679	-	153	133	914,989
Waghamera	12,952	-	110	97	110,771
Awi	25,257	-	177	136	437,513
Oromia	*	-	*	*	*
Argoba Special	698	-	125	122	6,020
<b>Oromia</b>	148,908	-	108	96	1,664,778
West Wellega	6,024	-	29	27	14,972
East Wellega	2,405	-	32	28	3,930
Illubabor	14,158	-	102	90	142,463
Jimma	19,187	-	38	36	56,240
West Shewa	20,713	-	126	120	361,455
North Shewa	24,131	-	174	161	368,418
East Shewa	*	-	*	*	*
Arsi	7,312	-	*	*	*
West Harerghe	8,951	-	73	76	75,171
East Harerghe	*	-	*	*	*
Bale	8,962	-	183	151	*
Borena	-	-	*	*	*
South West Shewa	14,140	-	72	62	90,869
Guji	*	-	*	*	*
West Arsi	*	-	*	*	*
Kelem Wellega	*	-	*	*	*
Horoguduru Wellega	*	-	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
<b>Somale</b>	*	-	*	*	*
Shinele	-	-	*	*	*
Jijiga	-	-	-	-	-
Liben	*	-	-	-	-
<b>Benshangul-Gumuz</b>	1,908	-	*	*	*
Metekel	*	-	*	*	*
Asosa	*	-	*	*	*
Kemeshi	*	-	*	*	*
Mao Komo	195	-	31	31	534
<b>SNNP</b>	229,773	-	127	108	2,632,105
Gurage	50,014	-	149	125	681,930
Hadiya	24,818	-	229	180	458,488
Kembata Tembaro	8,302	-	120	101	101,974
Sidama	*	-	133	120	*
Gedio	*	-	20	20	*
Wolayita	27,181	-	39	38	121,512
South Omo	*	-	*	*	*
Shaka	8,003	-	*	*	*
Kaffa	16,757	-	32	26	36,454
Gamo Gofa	8,141	-	22	21	20,305
Bench Maji	6,816	-	88	86	49,017
Yem Sp. Wereda	2,603	-	129	109	29,689
Dawro	4,400	-	33	32	14,390
Basketo Sp. Wereda	1,337	-	28	26	4,467
Konta Sp. Wereda	558	-	46	*	*
Silte	28,385	-	226	191	530,773
Alaba Sp. Wereda	3,839	-	175	138	51,202
Segen People	*	-	*	*	*
<b>Gambela Region</b>	1,801	-	112	109	26,581
Angnuwak	*	-	*	*	*
Nuware	-	-	-	-	-
Mezhenger	1,417	-	118	114	26,119
Itang Special	-	-	-	-	-
<b>Harari</b>	-	-	-	-	-
Hundene	-	-	-	-	-
<b>Dire Dawa</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>Ethiopia</b>	35,048,631	*	*	3,665,966	5,421,624	3,242,527
<b>Tigray</b>	4,534,973	1,386,984	1,745,897	797,202	346,927	257,964
North West Tigray	1,255,685	272,027	497,247	372,452	*	*
Central Tigray	927,253	396,554	357,518	50,975	73,449	*
Eastern Tigray	612,402	195,073	317,719	68,070	*	*
Southern Tigray	879,921	285,593	278,990	171,277	69,791	74,270
Western Tigray	859,712	237,736	294,422	134,428	138,483	54,643
<b>Afar</b>	99,869	-	-	89,894	*	*
Zone 1	68,826	-	-	64,773	-	*
Zone 3	31,043	-	-	*	*	-
<b>Amhara</b>	6,433,547	2,354,565	2,487,495	501,653	273,833	816,001
North Gonder	995,564	282,789	514,925	*	*	*
South Gonder	582,641	318,932	164,405	*	*	82,731
North Wolo	426,424	151,888	211,025	*	*	*
South Wolo	814,535	289,413	439,778	*	*	42,508
North Shewa	658,224	186,689	392,982	*	*	*
East Gojam	1,322,432	451,052	420,896	181,443	*	*
West Gojam	660,332	345,460	*	*	*	120,974
Waghamera	280,497	142,931	91,759	*	17,179	25,499
Awi	518,149	146,354	*	*	-	244,197
Oromia	168,424	38,419	47,472	*	35,412	44,483
Argoba Special	6,326	636	5,690	-	-	-
<b>Oromia</b>	14,349,340	4,017,966	4,524,763	1,281,350	3,180,922	1,344,339
West Wellega	1,056,878	288,376	260,722	168,493	294,166	*
East Wellega	824,119	205,185	244,080	76,961	273,256	*
Illubabor	838,989	215,203	202,453	*	284,291	121,185
Jimma	799,730	145,654	253,809	*	320,351	*
West Shewa	711,187	226,209	251,526	*	91,038	132,963
North Shewa	1,184,300	237,440	385,920	151,800	295,317	113,823
East Shewa	1,261,584	405,110	406,870	160,860	269,280	19,464
Arsi	1,051,409	389,037	387,047	79,443	85,782	110,099
West Harerghe	1,058,870	255,162	295,690	*	376,678	75,816
East Harerghe	565,472	178,419	155,204	*	157,766	*
Bale	923,868	94,097	588,597	*	130,976	53,095
Borena	345,937	*	*	121,590	*	*
South West Shewa	609,944	179,119	141,805	*	*	211,219
Guji	593,763	*	242,483	*	*	*
West Arsi	1,464,716	712,802	298,053	61,935	234,602	*
Kelem Wellega	697,297	175,467	161,186	140,387	191,976	*
Horoguduru Wellega	361,277	50,590	213,131	-	97,556	-

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	60,765	*	*	28,397	*	*
Shinele	4,479	*	*	*	*	*
Jijiga	26,805	*	*	*	*	*
Liben	*	-	*	*	-	*
<b>Benshangul-Gumuz</b>	648,015	108,711	97,565	211,309	208,282	*
Metekel	459,410	74,859	*	153,320	156,304	*
Asosa	122,010	*	24,505	40,060	29,042	*
Kemeshi	52,886	3,845	*	16,544	20,297	-
Mao Komo	13,709	4,450	4,063	1,385	2,639	1,172
<b>SNNP</b>	8,752,749	3,188,450	2,708,811	732,767	1,387,253	735,468
Gurage	854,969	330,047	271,992	*	49,517	139,397
Hadiya	577,733	310,326	152,216	*	*	58,844
Kembata Tembaro	331,786	127,063	130,611	*	36,851	24,733
Sidama	1,063,280	379,203	229,514	136,269	277,917	*
Gedio	44,002	5,419	30,685	*	*	*
Wolayita	443,956	212,508	78,523	36,071	73,474	*
South Omo	*	*	*	95,891	*	*
Shaka	91,805	*	44,077	*	*	33,447
Kaffa	685,045	91,851	251,352	*	210,645	118,733
Gamo Gofa	1,090,859	403,349	403,609	149,251	60,970	*
Bench Maji	322,071	58,131	150,218	55,771	46,303	11,648
Yem Sp. Wereda	95,784	20,495	50,846	-	8,479	15,964
Dawro	176,448	86,874	54,742	*	19,897	*
Basketo Sp. Wereda	71,759	25,727	30,947	*	13,018	*
Konta Sp. Wereda	67,962	*	33,390	*	*	*
Silte	433,465	217,471	69,963	*	*	93,979
Alaba Sp. Wereda	125,708	102,015	*	-	*	*
Segen People	309,746	66,833	145,191	73,175	*	24,210
<b>Gambela Region</b>	121,961	*	*	23,217	2,694	51,669
Angnuwak	11,072	*	-	*	*	*
Nuware	96,191	*	-	*	-	*
Mezhenger	13,276	*	*	*	1,894	7,619
Itang Special	*	-	-	*	*	-
<b>Harari</b>	25,147	9,320	8,269	*	7,525	-
Hundene	25,147	9,320	8,269	*	7,525	-
<b>Dire Dawa</b>	22,266	6,996	8,094	*	5,312	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	9,095,822	1,732,233	1,278,536	1,420,648	2,620,245	2,044,159
<b>Tigray</b>	1,447,424	290,892	236,043	81,414	659,992	179,083
North West Tigray	103,229	*	*	*	*	*
Central Tigray	313,531	75,609	47,066	*	157,905	*
Eastern Tigray	450,366	69,602	62,819	18,225	267,784	*
Southern Tigray	472,972	123,049	*	*	164,364	100,561
Western Tigray	107,327	15,178	17,319	*	25,712	*
<b>Afar</b>	156,503	-	*	126,855	*	*
Zone 1	45,166	-	-	*	-	*
Zone 3	111,337	-	*	96,078	*	*
<b>Amhara</b>	3,018,430	511,234	227,028	478,738	671,265	1,130,165
North Gonder	126,532	*	*	*	-	*
South Gonder	126,765	33,604	25,110	*	*	25,686
North Wolo	370,579	*	25,106	*	145,565	*
South Wolo	698,847	*	*	*	88,315	494,498
North Shewa	632,350	*	31,013	222,489	44,340	320,760
East Gojam	582,658	205,712	*	*	194,808	92,771
West Gojam	246,789	*	*	*	96,104	43,160
Waghamera	114,023	27,727	25,952	*	35,316	*
Awii	98,243	*	*	*	*	*
Oromia	19,777	*	1,659	*	*	*
Argoba Special	1,867	*	90	*	*	*
<b>Oromia</b>	1,892,040	199,890	325,054	472,768	316,201	578,128
West Wellega	58,538	*	*	32,072	15,396	*
East Wellega	24,923	*	*	*	*	*
Illubabor	17,067	*	*	*	*	*
Jimma	*	-	-	*	*	-
West Shewa	145,099	*	*	*	*	*
North Shewa	384,575	*	*	146,556	20,222	86,139
East Shewa	157,269	*	*	21,991	36,586	67,685
Arsi	329,290	*	39,302	*	*	174,464
West Harerghe	118,004	*	3,323	*	50,842	*
East Harerghe	105,861	18,931	*	*	49,963	*
Bale	*	*	*	*	*	*
Borena	88,574	*	-	*	-	*
South West Shewa	89,840	*	*	*	*	*
Guji	45,709	*	*	*	*	*
West Arsi	169,285	35,286	*	25,087	14,503	*
Kelem Wellega	88,692	26,146	*	29,417	19,874	9,020
Horoguduru Wellega	30,730	-	*	*	*	*



TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	90,348	*	*	35,336	*	*
Shinele	19,611	-	-	*	*	9,687
Jijiga	29,099	*	*	*	-	*
Liben	*	-	*	*	*	*
<b>Benshangul-Gumuz</b>	19,321	*	*	8,092	*	8,639
Metekel	2,130	*	-	*	-	*
Asosa	10,886	-	-	*	-	4,524
Kemeshi	*	*	*	*	*	*
Mao Komo	3,290	-	-	492	-	2,799
<b>SNNP</b>	*	*	*	214,451	*	79,272
Gurage	58,694	*	*	*	26,831	12,202
Hadiya	69,869	*	*	28,323	19,900	*
Kembata Tembaro	23,400	5,461	*	-	16,856	*
Sidama	54,810	*	*	*	26,269	*
Gedio	57,014	*	*	*	34,596	*
Wolayita	32,228	*	*	*	*	*
South Omo	*	*	*	77,315	*	*
Shaka	7,766	*	*	*	6,446	*
Kaffa	45,115	*	9,592	*	32,668	*
Gamo Gofa	169,511	*	*	*	*	*
Bench Maji	33,399	*	9,401	*	*	-
Yem Sp. Wereda	6,519	-	*	-	4,286	*
Dawro	23,240	2,372	*	*	8,579	*
Basketo Sp. Wereda	7,343	1,822	1,450	3,436	*	*
Konta Sp. Wereda	8,055	-	*	*	*	-
Silte	51,159	*	*	2,594	36,871	*
Alaba Sp. Wereda	17,367	*	*	7,888	3,420	*
Segen People	*	*	-	5,107	*	*
<b>Gambela Region</b>	2,579	*	*	*	*	1,401
Angnuwak	*	-	-	*	-	*
Nuware	*	-	-	*	-	*
Mezhenger	1,497	*	*	*	*	*
Itang Special	-	-	-	-	-	-
<b>Harari</b>	1,488	*	*	*	*	*
Hundene	1,488	*	*	*	*	*
<b>Dire Dawa</b>	37,749	*	*	*	7,343	10,598

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	8,870,980	1,740,325	1,736,443	1,323,675	2,658,046	1,412,491
<b>Tigray</b>	2,124,343	311,589	399,496	265,835	972,191	175,232
North West Tigray	629,513	*	178,287	84,361	321,941	*
Central Tigray	674,672	141,149	97,769	52,172	347,112	*
Eastern Tigray	123,145	*	*	*	73,968	*
Southern Tigray	270,122	75,823	34,785	*	112,783	20,581
Western Tigray	426,891	45,560	76,479	92,866	116,388	95,599
<b>Afar</b>	174,754	*	-	131,870	*	*
Zone 1	63,162	-	-	*	-	*
Zone 3	111,592	*	-	84,775	*	-
<b>Amhara</b>	1,280,939	242,437	321,125	137,265	278,791	301,321
North Gonder	233,952	*	*	*	*	-
South Gonder	53,527	28,803	*	*	*	9,433
North Wolo	128,710	*	42,093	14,236	17,133	30,820
South Wolo	150,255	*	35,027	*	*	36,819
North Shewa	261,818	*	*	61,610	*	120,621
East Gojam	90,744	*	*	*	*	13,517
West Gojam	22,000	*	*	*	*	*
Waghamera	282,895	64,944	52,558	*	98,921	53,769
Awi	28,496	*	*	*	*	*
Oromia	25,050	*	*	*	*	*
Argoba Special	3,491	*	1,559	1,148	*	*
<b>Oromia</b>	2,148,107	347,998	270,524	340,820	509,732	679,033
West Wellega	16,779	-	*	9,269	*	*
East Wellega	9,312	*	*	*	*	-
Illubabor	9,111	*	*	*	*	*
Jimma	7,685	-	-	*	*	-
West Shewa	48,502	*	*	*	*	*
North Shewa	116,708	*	*	*	*	41,248
East Shewa	242,994	54,974	*	*	68,064	91,468
Arsi	162,912	*	*	*	*	97,252
West Harerghe	484,272	97,162	*	*	187,747	*
East Harerghe	270,515	*	*	*	117,509	*
Bale	182,787	*	*	17,031	*	98,442
Borena	174,852	-	*	98,260	-	*
South West Shewa	*	*	*	*	*	*
Guji	158,841	-	*	*	*	*
West Arsi	140,709	57,953	*	*	23,155	*
Kelem Wellega	39,705	10,808	*	13,225	4,908	*
Horoguduru Wellega	11,966	*	*	*	*	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	184,444	*	*	36,391	*	89,010
Shinele	57,132	-	-	*	*	*
Jijiga	19,766	*	*	14,275	-	*
Liben	107,546	-	*	*	*	*
<b>Benshangul-Gumuz</b>	94,499	*	*	25,066	*	67,240
Metekel	19,415	-	-	*	*	*
Asosa	52,232	-	*	*	*	38,576
Kemeshi	8,398	*	*	1,820	*	5,197
Mao Komo	14,454	*	-	3,544	-	10,810
<b>SNNP</b>	*	*	*	373,784	*	45,353
Gurage	51,404	*	*	*	31,820	*
Hadiya	33,634	*	-	*	*	*
Kembata Tembaro	7,088	4,710	*	-	1,759	*
Sidama	29,740	5,324	*	*	10,791	*
Gedio	*	-	-	*	*	-
Wolayita	20,800	5,185	*	*	*	*
South Omo	*	*	*	221,278	*	*
Shaka	*	-	-	*	*	*
Kaffa	5,963	-	-	*	5,349	*
Gamo Gofa	72,745	*	*	51,760	*	*
Bench Maji	14,771	*	*	6,473	*	-
Yem Sp. Wereda	10,536	-	*	-	8,182	*
Dawro	5,619	*	*	*	*	*
Basketo Sp. Wereda	8,907	1,361	1,327	*	-	*
Konta Sp. Wereda	2,369	-	*	*	*	*
Silte	35,453	*	*	-	23,474	*
Alaba Sp. Wereda	25,367	*	*	11,912	*	*
Segen People	55,626	*	*	53,139	-	*
<b>Gambela Region</b>	4,939	*	-	*	*	2,590
Angnuwak	*	-	-	*	-	*
Nuware	*	*	-	*	-	*
Mezhenger	*	-	-	*	*	*
Itang Special	*	-	-	*	-	-
<b>Harari</b>	8,049	*	*	4,548	*	*
Hundene	8,049	*	*	4,548	*	*
<b>Dire Dawa</b>	107,943	*	*	*	15,885	35,539

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Ethiopia</b>	99,714	19,620	27,899	26,098	18,619	7,478
<b>Tigray</b>	16,946	4,980	4,751	*	*	*
North West Tigray	*	*	*	*	*	-
Central Tigray	*	*	*	-	*	*
Eastern Tigray	*	*	*	*	*	-
Southern Tigray	*	-	-	-	-	*
Western Tigray	3,383	*	741	*	*	*
<b>Afar</b>	*	-	-	*	-	-
Zone 1	*	-	-	*	-	-
Zone 3	*	-	-	*	-	-
<b>Amhara</b>	14,454	3,876	*	*	*	*
North Gonder	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-
North Wolo	*	*	*	-	-	-
South Wolo	*	-	-	*	-	-
North Shewa	*	*	*	-	*	*
East Gojam	*	*	-	-	-	-
West Gojam	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-
Awi	-	-	-	-	-	-
Oromia	*	*	*	*	-	-
Argoba Special	*	-	*	-	-	-
<b>Oromia</b>	54,083	*	*	*	15,562	*
West Wellega	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-
Jimma	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	*	*	-	-	-	-
Arsi	-	-	-	-	-	-
West Harerghe	*	*	*	*	*	*
East Harerghe	*	-	*	*	*	-
Bale	*	-	-	-	-	*
Borena	*	-	-	*	-	*
South West Shewa	-	-	-	-	-	-
Guji	*	-	*	*	*	-
West Arsi	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
<b>Somale</b>	*	*	*	*	*	*
Shinele	*	*	-	-	*	*
Jijiga	*	-	*	*	*	*
Liben	*	-	-	*	-	-
<b>Benshangul-Gumuz</b>	*	-	-	-	-	*
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	*	-	-	-	-	*
Mao Komo	-	-	-	-	-	-
<b>SNNP</b>	*	-	-	*	-	-
Gurage	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-
Sidama	-	-	-	-	-	-
Gedio	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-
South Omo	*	-	-	*	-	-
Shaka	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-
Dawro	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-
Silte	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-
Segen People	-	-	-	-	-	-
<b>Gambela Region</b>	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
<b>Harari</b>	*	*	-	-	-	-
Hundene	*	*	-	-	-	-
<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>Ethiopia</b>	9,656,287	6,207,510	5,999,030	1,360,980	133,206	34,252,550
<b>Tigray</b>	405,817	333,731	974,750	63,871	3,455	3,518,279
North West Tigray	153,751	71,476	522,397	24,605	*	1,606,644
Central Tigray	58,435	54,781	141,498	15,446	*	690,718
Eastern Tigray	29,210	99,879	34,164	7,822	-	319,492
Southern Tigray	68,372	83,916	112,632	10,924	*	304,602
Western Tigray	96,050	23,679	164,058	5,074	*	596,823
<b>Afar</b>	325,327	532,737	681,994	18,236	72,680	76,530
Zone 1	162,952	225,139	298,475	6,400	*	-
Zone 3	162,375	307,598	383,519	11,835	47,397	76,530
<b>Amhara</b>	2,138,514	2,217,493	1,389,389	471,682	8,353	14,041,685
North Gonder	394,630	300,172	424,132	64,638	-	5,332,252
South Gonder	235,555	206,190	109,535	48,730	*	1,338,501
North Wolo	90,047	150,260	79,326	18,982	*	385,716
South Wolo	160,253	337,921	166,635	55,901	3,167	758,601
North Shewa	160,948	345,552	244,318	40,731	*	1,160,275
East Gojam	332,852	343,122	85,392	105,595	*	607,717
West Gojam	427,232	296,575	72,029	77,437	-	3,093,346
Waghamera	48,998	49,515	113,441	9,644	*	124,426
Awi	246,700	169,612	54,890	46,528	-	1,023,682
Oromia	38,057	17,274	36,165	3,285	*	205,273
Argoba Special	3,243	1,301	3,526	212	76	11,895
<b>Oromia</b>	4,358,251	2,082,606	1,681,268	600,535	30,370	10,956,017
West Wellega	449,804	140,344	58,402	43,024	-	1,285,786
East Wellega	332,821	87,046	52,809	39,069	-	504,242
Illubabor	404,404	115,448	71,200	29,775	-	498,538
Jimma	488,587	182,607	150,019	31,282	-	701,476
West Shewa	382,493	327,357	137,195	85,408	-	1,729,981
North Shewa	183,103	216,791	55,663	28,503	-	519,054
East Shewa	146,067	75,948	82,742	30,132	-	860,157
Arsi	220,640	152,014	151,804	59,459	*	829,759
West Harerghe	181,831	*	217,583	34,207	*	363,789
East Harerghe	154,782	67,914	157,475	14,730	*	101,549
Bale	200,755	29,439	114,545	39,889	*	344,305
Borena	77,555	56,310	78,435	4,969	*	118,182
South West Shewa	140,392	131,187	91,661	40,458	-	908,395
Guji	160,082	103,360	105,014	29,567	*	358,362
Werst Arsi	301,671	145,185	54,700	29,939	*	521,577
Kelem Wellega	364,460	122,308	63,295	29,135	-	904,219
Horoguduru Wellega	168,804	61,192	38,726	30,989	-	406,648

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

TABLE 3-24 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Somale</b>	56,603	117,227	188,984	7,326	16,564	59,472
Shinele	2,586	12,060	32,558	722	852	*
Jijiga	26,137	53,212	44,209	1,201	*	-
Liben	27,879	51,955	112,217	5,404	14,232	57,600
<b>Benshangul-Gumuz</b>	351,812	41,594	261,680	36,221	-	1,650,719
Metekel	234,410	24,406	102,891	12,709	-	838,971
Asosa	86,010	11,615	134,203	19,241	-	657,760
Kemeshi	23,752	1,288	11,241	3,066	-	77,225
Mao Komo	7,640	4,285	13,345	1,205	-	76,763
<b>SNNP</b>	1,935,950	840,352	728,193	158,009	*	3,705,908
Gurage	127,672	60,360	15,473	15,538	-	151,254
Hadiya	190,218	59,554	37,502	25,270	-	377,949
Kembata Tembaro	60,851	25,610	9,539	6,346	-	123,753
Sidama	134,574	31,394	11,890	6,797	*	695,650
Gedio	12,482	41,160	2,476	4,745	-	109,631
Wolayita	158,138	31,658	17,757	6,324	-	112,767
South Omo	304,769	251,574	380,292	*	*	311,206
Shaka	22,112	13,111	2,053	2,217	-	169,105
Kaffa	133,566	85,345	34,646	12,436	-	398,075
Gamo Gofa	319,784	70,391	83,424	30,709	-	417,586
Bench Maji	89,853	47,156	13,842	4,408	-	370,149
Yem Sp. Wereda	14,995	7,832	9,056	999	-	21,061
Dawro	82,392	25,656	12,308	3,962	-	36,307
Basketo Sp. Wereda	13,705	4,839	3,814	455	-	28,459
Konta Sp. Wereda	40,941	6,180	3,030	1,410	-	16,229
Silte	86,748	53,967	25,815	10,082	-	95,197
Alaba Sp. Wereda	26,869	14,632	9,014	3,415	-	82,844
Segen People	116,280	9,933	56,262	5,305	-	188,685
<b>Gambela Region</b>	60,626	7,681	23,765	1,125	-	206,688
Angnuwak	14,735	*	5,735	*	-	94,198
Nuware	36,546	3,124	12,963	-	-	22,468
Mezhenger	6,990	4,036	2,770	887	-	75,625
Itang Special	2,355	*	2,296	-	-	14,397
<b>Harari</b>	11,405	529	9,957	1,018	*	8,129
Hundene	11,405	529	9,957	1,018	*	8,129
<b>Dire Dawa</b>	11,983	33,560	59,049	2,956	796	29,122

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Ethiopia</b>	6,569,918	2,775,162	2,036,292	822,079	28,019	4,416,859
<b>Tigray</b>	143,152	82,745	243,290	23,554	2,316	303,934
North West Tigray	39,786	5,627	108,361	8,748	*	79,831
Central Tigray	27,562	13,892	41,645	4,931	*	53,975
Eastern Tigray	8,183	20,273	*	3,800	-	64,724
Southern Tigray	37,465	35,623	36,598	3,696	*	*
Western Tigray	30,158	7,331	51,777	2,379	*	67,072
<b>Afar</b>	42,642	82,286	85,181	4,442	3,596	*
Zone 1	24,497	25,461	19,679	*	*	-
Zone 3	18,145	56,825	65,503	1,685	2,926	*
<b>Amhara</b>	1,532,127	1,173,148	445,682	277,198	4,925	1,635,077
North Gonder	246,920	101,742	141,009	30,209	-	554,394
South Gonder	173,439	105,494	24,129	22,551	-	53,774
North Wolo	50,438	72,037	12,489	9,825	*	30,467
South Wolo	91,040	130,084	54,678	31,795	*	*
North Shewa	96,940	190,186	91,517	19,636	*	*
East Gojam	269,515	223,663	28,093	73,109	*	68,040
West Gojam	360,409	215,573	23,394	54,156	-	331,395
Waghamera	23,044	18,354	39,911	4,802	*	8,077
Awi	196,694	112,568	22,390	30,163	-	*
Oromia	21,450	2,875	6,725	896	*	*
Argoba Special	2,239	*	1,346	56	61	870
<b>Oromia</b>	3,113,692	1,044,343	734,412	383,517	11,063	1,762,241
West Wellega	416,965	115,249	34,930	38,672	-	193,753
East Wellega	265,563	57,763	30,659	30,241	-	59,842
Illubabor	338,316	73,093	40,179	20,991	-	89,658
Jimma	215,690	38,826	21,213	11,532	-	56,982
West Shewa	256,579	140,991	32,517	49,673	-	266,061
North Shewa	142,602	128,192	23,519	19,284	-	76,143
East Shewa	109,844	42,276	44,498	16,643	-	152,808
Arsi	121,666	59,021	21,495	38,665	-	129,451
West Harerghe	123,982	*	142,737	22,067	*	43,183
East Harerghe	99,862	32,738	96,507	5,828	-	8,470
Bale	123,073	10,320	49,510	21,558	*	57,301
Borena	41,363	27,826	38,176	*	*	*
South West Shewa	112,820	65,557	36,720	27,243	-	174,987
Guji	85,109	22,555	39,901	12,468	*	*
West Arsi	180,526	52,938	12,768	19,538	*	*
Kelem Wellega	351,310	106,763	57,059	26,034	-	273,373
Horoguduru Wellega	128,422	33,289	12,024	21,247	-	49,343



TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
<b>Somale</b>	22,756	16,837	38,840	*	*	*
Shinele	773	951	4,888	*	*	*
Jijiga	8,409	*	*	*	*	-
Liben	*	8,566	25,621	*	*	*
<b>Benshangul-Gumuz</b>	300,708	25,395	140,846	25,627	-	203,619
Metekel	188,439	11,096	41,845	8,482	-	84,831
Asosa	84,755	10,271	82,647	13,922	-	96,515
Kemeshi	20,249	559	6,544	2,148	-	4,939
Mao Komo	7,265	3,470	9,810	1,076	-	17,333
<b>SNNP</b>	1,381,596	345,264	334,041	104,050	-	493,168
Gurage	103,062	25,427	5,555	10,828	-	33,275
Hadiya	140,102	29,864	16,193	17,838	-	55,739
Kembata Tembaro	39,746	10,672	4,042	4,803	-	34,686
Sidama	89,583	15,635	7,727	5,833	-	61,441
Gedio	9,476	17,495	*	2,471	-	10,590
Wolayita	118,714	16,543	8,819	4,727	-	18,369
South Omo	*	*	*	*	-	27,641
Shaka	17,383	5,606	873	1,505	-	26,658
Kaffa	90,690	15,168	3,291	7,066	-	*
Gamo Gofa	249,996	*	54,637	20,010	-	68,547
Bench Maji	73,662	25,007	7,979	3,196	-	18,974
Yem Sp. Wereda	13,387	2,688	4,013	667	-	7,803
Dawro	65,103	13,001	6,215	3,203	-	6,795
Basketo Sp. Wereda	11,790	3,384	2,252	369	-	5,460
Konta Sp. Wereda	34,318	2,524	2,071	991	-	1,205
Silte	64,272	19,870	9,835	4,503	-	6,258
Alaba Sp. Wereda	17,067	4,375	1,646	1,807	-	7,021
Segen People	83,637	1,800	26,481	3,860	-	36,425
<b>Gambela Region</b>	21,207	1,830	3,814	301	-	6,365
Angnuwak	9,573	*	*	*	-	752
Nuware	5,831	*	*	-	-	-
Mezhenger	5,467	1,547	*	262	-	5,613
Itang Special	*	-	*	-	-	-
<b>Harari</b>	7,119	*	2,603	318	*	*
Hundene	7,119	*	2,603	318	*	*
<b>Dire Dawa</b>	4,920	3,200	7,583	524	237	-

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

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Ethiopia</b>	2,855,658	3,997,282	3,939,539	130,928	366,304	15,801	75,758	32,112,842
<b>Tigray</b>	173,675	257,990	725,670	*	28,176	-	*	3,341,847
North West Tigray	77,004	46,289	382,111	*	9,828	-	-	1,518,124
Central Tigray	18,298	48,360	112,154	-	7,321	-	-	684,978
Eastern Tigray	11,697	90,185	34,727	-	4,025	-	-	309,814
Southern Tigray	19,217	57,184	94,733	*	5,909	-	-	289,945
Western Tigray	47,458	15,973	101,944	*	*	-	*	538,986
<b>Afar</b>	263,956	439,586	517,629	*	10,196	-	51,579	69,630
Zone 1	122,329	179,358	205,790	-	*	-	*	-
Zone 3	141,627	260,228	311,839	*	*	-	31,829	69,630
<b>Amhara</b>	436,076	1,341,987	958,307	32,435	147,253	7,618	*	13,325,307
North Gonder	123,288	208,139	287,580	*	26,423	-	-	4,916,754
South Gonder	36,585	112,194	86,445	*	19,531	*	-	1,245,161
North Wolo	29,716	86,717	59,370	*	4,698	-	*	432,863
South Wolo	53,969	247,485	126,008	*	18,392	1,998	*	714,684
North Shewa	43,496	236,659	177,101	*	14,060	-	-	1,133,059
East Gojam	35,856	194,444	47,999	9,899	23,928	*	*	615,728
West Gojam	50,867	132,008	34,390	*	27,930	*	-	3,023,537
Waghamera	24,219	35,666	81,700	*	4,034	*	-	123,711
Awi	23,044	73,925	26,763	6,282	5,960	*	-	910,609
Oromia	14,011	13,682	28,731	-	2,212	-	-	197,802
Argoba Special	1,025	1,068	2,219	-	87	-	-	11,399
<b>Oromia</b>	1,230,300	1,251,538	986,961	65,777	134,141	2,887	11,224	10,213,579
West Wellega	65,517	56,869	26,296	-	4,967	*	-	1,295,519
East Wellega	58,018	40,548	23,851	*	11,224	*	-	464,471
Illubabor	95,629	68,509	34,154	4,001	5,216	*	-	462,927
Jimma	149,421	129,046	112,013	8,435	6,039	*	-	632,992
West Shewa	70,825	211,155	94,901	14,713	10,891	*	-	1,631,117
North Shewa	42,557	150,473	39,797	4,060	8,335	-	-	484,832
East Shewa	47,416	43,894	49,474	*	8,775	-	-	794,520
Arsi	97,593	104,312	102,152	7,334	13,054	-	-	879,415
West Harerghe	72,278	*	78,603	-	11,663	-	*	328,773
East Harerghe	76,363	41,409	85,606	-	8,098	-	3,869	109,584
Bale	93,494	19,939	70,562	3,692	12,242	*	*	324,820
Borena	37,249	37,688	47,517	-	1,922	-	*	105,812
South West Shewa	38,966	75,929	62,331	3,502	6,589	-	-	834,603
Guji	71,233	70,346	77,367	8,129	*	-	*	312,738
West Arsi	141,867	108,714	43,504	6,491	5,904	-	-	494,420
Kelem Wellega	38,281	34,377	18,430	*	4,521	*	-	708,803
Horoguduru Wellega	33,594	31,908	20,405	3,763	5,652	*	-	348,234

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Somale</b>	27,686	80,948	145,350	*	3,295	*	8,480	58,636
Shinele	1,334	9,208	23,961	*	495	-	*	*
Jijiga	13,333	33,567	33,673	-	*	*	*	-
Liben	13,020	38,173	87,715	-	*	-	7,053	56,757
<b>Benshangul-Gumuz</b>	59,749	22,521	164,701	*	13,569	*	-	1,516,426
Metekel	42,996	14,735	70,027	-	3,466	*	-	804,126
Asosa	10,114	4,910	81,781	*	8,130	-	-	569,960
Kemeshi	3,451	740	5,241	-	1,430	-	-	69,993
Mao Komo	3,188	2,136	7,652	-	542	*	-	72,347
<b>SNNP</b>	619,620	567,265	367,481	29,609	26,905	4,470	*	3,356,217
Gurage	42,733	46,162	11,813	3,600	2,350	*	-	136,916
Hadiya	60,284	41,542	24,228	3,691	5,809	*	-	330,927
Kembata Tembaro	23,990	16,193	6,942	*	770	*	-	107,826
Sidama	42,580	22,881	11,347	*	-	-	-	661,052
Gedio	4,486	25,823	*	*	*	*	-	101,681
Wolayita	49,037	19,635	9,888	-	1,548	-	-	111,625
South Omo	132,752	135,479	167,765	*	3,234	*	*	256,616
Shaka	5,564	8,044	973	*	*	-	-	164,376
Kaffa	56,001	74,435	30,848	6,256	*	*	-	381,700
Gamo Gofa	71,004	58,262	29,857	4,023	5,409	1,070	-	360,431
Bench Maji	24,040	31,862	6,997	1,500	*	*	-	339,835
Yem Sp. Wereda	2,564	5,284	5,985	*	326	-	-	16,720
Dawro	21,049	16,106	4,812	*	*	*	-	29,254
Basketo Sp. Wereda	2,669	2,665	*	*	*	-	-	24,488
Konta Sp. Wereda	13,136	4,969	1,575	*	-	*	-	16,154
Silte	32,098	38,660	19,603	1,679	3,412	-	-	86,357
Alaba Sp. Wereda	14,439	12,262	6,472	527	1,602	-	-	69,923
Segen People	21,194	7,003	24,536	-	834	-	-	160,334
<b>Gambela Region</b>	32,681	5,609	17,990	278	*	*	-	196,430
Angnuwak	5,751	*	4,773	-	*	-	-	88,031
Nuware	22,689	2,548	8,819	*	-	-	-	21,657
Mezhenger	2,394	2,566	*	201	*	*	-	73,013
Itang Special	1,847	*	2,172	-	-	-	-	13,728
<b>Harari</b>	4,863	497	7,318	-	610	-	-	7,728
Hundene	4,863	497	7,318	-	610	-	-	7,728
<b>Dire Dawa</b>	7,052	29,341	48,132	-	1,922	-	465	27,043

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

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Ethiopia</b>	930,554	1,292,570	1,479,508	24,722	116,054	6,037	41,859	29,987,913
<b>Tigray</b>	103,566	96,479	252,462	*	13,576	*	*	3,330,134
North West Tigray	51,104	18,993	141,801	-	5,450	-	-	1,459,756
Central Tigray	8,802	20,898	37,695	*	*	-	*	721,442
Eastern Tigray	4,391	31,850	12,214	*	1,590	-	-	346,765
Southern Tigray	12,870	17,025	31,425	-	3,167	*	*	428,503
Western Tigray	26,399	*	29,328	-	1,419	*	*	373,668
<b>Afar</b>	235,559	297,487	362,301	*	*	-	30,682	51,599
Zone 1	84,610	111,239	130,589	*	*	-	*	-
Zone 3	150,949	186,248	231,712	*	*	-	*	51,599
<b>Amhara</b>	196,044	324,848	305,428	7,425	44,018	*	3,715	10,392,633
North Gonder	60,042	72,798	92,216	*	2,322	*	-	2,930,481
South Gonder	27,967	42,511	39,270	-	7,899	*	-	1,527,484
North Wolo	16,312	16,462	22,029	*	2,061	-	*	433,669
South Wolo	18,106	35,029	37,314	-	3,204	-	-	690,589
North Shewa	17,965	73,897	41,880	*	9,022	-	*	810,647
East Gojam	17,671	28,403	27,202	*	8,125	-	-	501,490
West Gojam	15,448	18,652	*	-	*	*	-	2,352,154
Waghamera	12,484	10,035	21,142	*	1,625	*	-	142,483
Awi	6,390	23,476	7,854	*	*	-	-	866,301
Oromia	2,912	2,789	7,368	-	*	-	*	122,246
Argoba Special	746	797	597	-	*	-	*	15,089
<b>Oromia</b>	206,854	216,278	257,708	8,757	38,870	*	*	8,745,963
West Wellega	9,516	8,487	*	*	1,379	-	-	830,903
East Wellega	9,444	9,594	6,879	-	1,284	-	-	611,545
Illubabor	13,072	8,910	4,180	*	*	*	-	666,068
Jimma	8,943	14,142	12,693	-	-	-	-	908,256
West Shewa	18,534	25,543	10,519	*	3,824	*	-	501,629
North Shewa	14,371	19,056	6,725	*	2,412	-	-	139,770
East Shewa	9,205	20,908	19,615	*	6,834	-	-	297,378
Arsi	24,682	15,880	51,087	*	5,872	*	-	494,061
West Harerghe	16,306	*	25,224	*	*	-	*	988,951
East Harerghe	13,402	13,204	28,345	-	2,503	-	*	1,100,528
Bale	9,181	10,771	23,375	*	*	-	-	253,190
Borena	*	*	*	*	*	*	*	73,159
South West Shewa	5,374	10,108	6,925	*	*	-	-	204,356
Guji	6,309	4,176	13,872	*	*	-	-	393,275
West Arsi	20,923	9,589	9,929	-	*	-	-	416,341
Kelem Wellega	3,678	3,904	2,508	*	*	-	-	554,399
Horoguduru Wellega	6,840	5,064	5,285	677	716	-	-	312,156

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
<b>Somale</b>	37,672	232,510	137,692	*	*	-	4,752	79,079
Shinele	1,188	17,773	*	-	401	-	*	2,846
Jijiga	26,419	173,372	47,957	*	*	-	*	-
Liben	10,066	41,366	45,596	-	*	-	2,344	76,233
<b>Benshangul-Gumuz</b>	18,896	7,046	38,193	-	1,962	-	-	960,913
Metekel	16,875	6,192	23,464	-	1,699	-	-	681,238
Asosa	*	311	*	-	*	-	-	186,019
Kemeshi	1,329	169	3,151	-	*	-	-	68,508
Mao Komo	*	374	780	-	-	-	-	25,147
<b>SNNP</b>	94,054	103,981	98,760	3,844	7,616	*	-	6,066,455
Gurage	13,947	9,900	5,287	*	*	-	-	206,701
Hadiya	14,836	7,079	3,425	*	*	-	-	555,748
Kembata Tembaro	6,087	2,780	2,095	*	*	-	-	254,269
Sidama	6,893	*	*	-	-	-	-	584,569
Gedio	*	*	*	*	*	-	-	135,741
Wolayita	5,272	*	*	-	*	-	-	435,232
South Omo	8,351	18,598	*	*	*	*	-	304,922
Shaka	*	1,760	-	*	*	-	-	125,860
Kaffa	3,881	11,487	4,739	*	-	-	-	1,290,626
Gamo Gofa	11,829	15,599	11,827	*	*	-	-	525,097
Bench Maji	3,720	8,046	1,705	*	*	-	-	805,177
Yem Sp. Wereda	192	430	581	-	*	-	-	17,527
Dawro	1,592	*	994	-	*	*	-	103,493
Basketo Sp. Wereda	493	*	*	-	-	-	-	32,293
Konta Sp. Wereda	918	*	*	-	-	-	-	106,009
Silte	9,614	11,569	5,792	*	*	-	-	317,903
Alaba Sp. Wereda	3,422	2,656	1,856	*	*	-	-	129,888
Segen People	2,559	4,898	7,505	-	*	-	-	135,400
<b>Gambela Region</b>	35,751	*	7,308	-	-	-	-	204,767
Angnuwak	*	-	*	-	-	-	-	89,807
Nuware	35,123	*	3,015	-	-	-	-	25,656
Mezhenger	*	*	*	-	-	-	-	76,811
Itang Special	*	*	-	-	-	-	-	12,493
<b>Harari</b>	457	251	*	-	*	-	*	100,658
Hundene	457	251	*	-	*	-	*	100,658
<b>Dire Dawa</b>	1,704	10,935	17,993	-	332	-	*	55,712

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

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>Ethiopia</b>	3,897,068	4,440,460	4,282,402	3,577,019	819,469	133,766	9,705	4,233	1,069
<b>Tigray</b>	305,569	320,406	328,560	285,602	70,325	16,717	175	90	-
North West Tigray	67,666	82,161	79,760	114,422	40,391	7,934	-	-	-
Central Tigray	84,944	98,678	91,896	51,389	2,446	-	-	-	-
Eastern Tigray	55,864	55,119	68,712	23,479	1,134	-	-	-	-
Southern Tigray	69,963	67,801	66,342	56,768	5,878	-	-	-	-
Western Tigray	27,134	16,646	21,850	39,544	20,475	8,783	175	90	-
<b>Afar</b>	93,612	28,358	29,718	51,254	37,203	12,523	312	-	-
Zone 1	64,808	13,281	20,431	33,406	27,794	9,120	-	-	-
Zone 3	28,805	15,078	9,287	17,848	9,408	3,403	312	-	-
<b>Amhara</b>	1,125,773	1,414,443	1,407,428	1,047,654	162,797	15,332	1,099	-	-
North Gonder	208,738	201,367	229,538	227,180	59,024	11,016	1,099	-	-
South Gonder	71,114	175,949	203,117	132,494	3,459	-	-	-	-
North Wolo	78,887	133,294	115,158	40,501	2,607	-	-	-	-
South Wolo	184,956	236,887	245,711	91,637	885	-	-	-	-
North Shewa	139,118	162,262	156,161	105,085	5,768	-	-	-	-
East Gojam	151,533	209,707	155,140	133,325	28,615	731	-	-	-
West Gojam	141,431	169,622	176,405	186,135	31,373	1,414	-	-	-
Waghamera	32,709	36,604	32,115	22,515	3,611	204	-	-	-
Awi	74,759	58,034	66,452	86,900	24,984	1,830	-	-	-
Oromia	40,497	28,866	25,681	19,979	2,315	127	-	-	-
Argoba Special	2,030	1,851	1,950	1,903	157	10	-	-	-
<b>Oromia</b>	1,328,732	1,496,862	1,433,795	1,475,337	438,059	60,873	3,895	1,141	272
West Wellega	105,751	60,998	54,941	63,691	27,494	3,342	-	-	-
East Wellega	43,497	39,818	34,514	58,153	25,696	4,186	129	-	-
Illubabor	66,277	77,945	65,791	79,669	31,099	1,539	185	-	-
Jimma	107,113	139,952	171,883	172,712	31,719	2,547	-	-	-
West Shewa	111,608	106,613	106,544	147,567	47,433	6,080	-	-	-
North Shewa	60,422	70,549	102,563	118,618	33,841	1,509	-	-	-
East Shewa	95,874	88,106	66,322	71,719	20,022	2,665	-	-	-
Arsi	109,517	143,913	172,959	183,976	35,472	3,415	-	-	-
West Harerghe	65,300	125,497	95,292	53,769	8,679	2,274	684	-	-
East Harerghe	87,218	198,166	133,863	45,327	4,528	-	-	-	-
Bale	52,532	55,017	86,080	98,016	35,941	3,680	-	-	-
Borena	31,474	23,253	22,306	27,485	20,657	7,538	1,913	773	272
South West Shewa	83,092	109,059	94,705	83,734	11,660	1,108	-	-	-
Guji	92,054	57,323	54,909	65,601	42,702	8,090	232	275	-
West Arsi	105,041	128,314	103,697	134,016	36,928	7,987	659	-	-
Kelem Wellega	79,640	53,185	44,044	41,446	6,532	63	-	-	-
Horoguduru Wellega	32,319	19,155	23,383	29,838	17,656	4,851	93	93	-

TABLE 3- 27-a CONT'D

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>Somale</b>	43,627	24,858	28,627	33,951	13,056	2,326	143	-	-
Shinele	5,818	2,241	1,386	695	124	30	-	-	-
Jijiga	12,367	14,211	20,008	23,215	6,201	384	-	-	-
Liben	25,440	8,406	7,234	10,041	6,732	1,912	143	-	-
<b>Benshangul-Gumuz</b>	127,292	35,222	28,265	32,564	18,634	6,128	95	-	-
Metekel	46,994	22,835	17,008	24,456	16,846	5,795	80	-	-
Asosa	60,167	7,955	7,911	6,338	606	-	-	-	-
Kemeshi	9,591	2,366	2,228	1,503	1,082	333	15	-	-
Mao Komo	10,542	2,066	1,117	267	100	-	-	-	-
<b>SNNP</b>	814,418	1,085,906	1,005,784	639,997	73,330	16,067	3,617	2,971	797
Gurage	40,111	55,468	103,456	69,445	3,298	-	-	-	-
Hadiya	39,372	87,224	102,021	61,694	2,450	-	-	281	-
Kembata Tembaro	19,567	52,685	53,823	17,561	444	-	-	-	-
Sidama	230,319	356,276	224,988	106,207	12,436	1,798	-	-	-
Gedio	169,870	46,128	10,714	3,391	112	-	-	-	-
Wolayita	45,285	125,781	120,900	38,666	554	-	-	-	-
South Omo	33,937	25,828	23,219	24,245	13,571	10,586	3,617	2,645	797
Shaka	20,169	14,907	8,966	7,718	2,351	360	-	-	-
Kaffa	30,349	49,762	60,549	70,392	12,905	986	-	-	-
Gamo Gofa	65,276	109,913	117,472	100,023	7,651	307	-	-	-
Bench Maji	39,478	37,542	33,141	21,515	2,174	178	-	-	-
Yem Sp. Wereda	4,120	5,017	6,360	6,511	468	-	-	-	-
Dawro	4,739	11,427	20,687	26,182	4,504	82	-	-	-
Basketo Sp. Wereda	5,142	6,787	5,036	2,931	415	-	-	-	-
Konta Sp. Wereda	5,140	8,713	9,876	8,585	403	-	-	-	-
Silte	23,547	49,926	64,920	39,404	1,166	-	-	-	-
Alaba Sp. Wereda	6,939	14,596	16,272	11,872	752	173	-	-	-
Segen People	31,062	27,925	23,383	23,657	7,675	1,597	-	44	-
<b>Gambela Region</b>	44,811	10,610	6,058	5,763	5,520	3,750	368	30	-
Angnuwak	20,787	3,331	1,951	1,810	233	-	47	-	-
Nuware	2,527	793	924	3,005	4,948	3,462	305	30	-
Mezhenger	15,699	6,319	3,056	614	-	-	-	-	-
Itang Special	5,798	167	127	333	340	288	16	-	-
<b>Harari</b>	6,653	11,695	7,195	3,166	484	50	-	-	-
Hundene	6,653	11,695	7,195	3,166	484	50	-	-	-
<b>Dire Dawa</b>	6,584	12,100	6,971	1,732	61	-	-	-	-

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

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
<b>Ethiopia</b>	11,304,092	3,603,065	1,553,949	685,320	14,695	3,116	635	319
<b>Tigray</b>	1,038,559	120,363	106,366	60,654	1,412	90	-	-
North West Tigray	360,865	14,525	10,002	6,942	-	-	-	-
Central Tigray	258,082	34,903	25,521	10,847	-	-	-	-
Eastern Tigray	100,222	38,994	43,351	21,741	-	-	-	-
Southern Tigray	198,433	26,450	22,498	18,117	1,254	-	-	-
Western Tigray	120,958	5,491	4,993	3,007	158	90	-	-
<b>Afar</b>	99,956	35,033	46,741	69,529	1,600	121	-	-
Zone 1	70,710	23,835	33,245	40,856	194	-	-	-
Zone 3	29,247	11,198	13,496	28,673	1,406	121	-	-
<b>Amhara</b>	3,280,231	976,592	633,284	282,271	2,148	-	-	-
North Gonder	709,893	118,509	63,650	45,413	497	-	-	-
South Gonder	354,050	129,465	85,725	16,893	-	-	-	-
North Wolo	246,272	58,481	39,299	25,868	527	-	-	-
South Wolo	469,393	107,339	111,904	71,440	-	-	-	-
North Shewa	347,529	92,026	62,178	65,621	1,040	-	-	-
East Gojam	392,605	158,916	98,798	28,732	-	-	-	-
West Gojam	396,520	199,459	98,508	11,893	-	-	-	-
Waghamera	96,667	16,180	9,652	5,175	84	-	-	-
Awi	171,749	76,435	55,664	9,111	-	-	-	-
Oromia	88,967	19,092	7,592	1,814	-	-	-	-
Argoba Special	6,587	691	313	310	-	-	-	-
<b>Oromia</b>	4,114,551	1,378,403	552,391	191,001	2,148	315	157	-
West Wellega	226,069	64,986	22,346	2,816	-	-	-	-
East Wellega	143,053	42,805	16,182	3,953	-	-	-	-
Illubabor	204,395	94,193	22,743	1,174	-	-	-	-
Jimma	396,736	174,132	50,116	4,942	-	-	-	-
West Shewa	326,753	115,873	62,154	21,065	-	-	-	-
North Shewa	193,436	85,992	64,111	43,963	-	-	-	-
East Shewa	263,496	47,743	22,662	10,807	-	-	-	-
Arsi	367,488	148,641	89,685	43,438	-	-	-	-
West Harerghe	291,934	52,946	6,336	279	-	-	-	-
East Harerghe	322,769	122,432	21,513	2,388	-	-	-	-
Bale	282,034	25,439	16,052	7,741	-	-	-	-
Borena	85,160	23,803	11,026	13,062	2,148	315	157	-
South West Shewa	271,470	76,053	29,822	6,013	-	-	-	-
Guji	194,514	89,434	31,251	5,987	-	-	-	-
West Arsi	305,302	138,293	55,064	17,983	-	-	-	-
Kelem Wellega	160,659	47,012	16,032	1,207	-	-	-	-
Horoguduru Wellega	79,281	28,626	15,297	4,184	-	-	-	-



TABLE 3-27 - b CONT'D

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
<b>Somale</b>	66,385	24,933	16,566	36,033	2,425	246	-	-
Shinele	3,830	2,928	1,932	1,593	11	-	-	-
Jijiga	35,294	9,710	5,693	23,134	2,309	246	-	-
Liben	27,262	12,294	8,940	11,306	106	-	-	-
<b>Benshangul-Gumuz</b>	224,242	16,331	6,033	1,594	-	-	-	-
Metekel	118,911	10,150	3,799	1,154	-	-	-	-
Asosa	77,715	3,837	1,307	118	-	-	-	-
Kemeshi	15,788	836	331	163	-	-	-	-
Mao Komo	11,829	1,508	595	160	-	-	-	-
<b>SNNP</b>	2,373,628	1,032,303	186,850	42,036	4,929	2,344	478	319
Gurage	175,078	75,268	19,339	2,093	-	-	-	-
Hadiya	189,656	95,315	8,071	-	-	-	-	-
Kembata Tembaro	92,230	48,685	3,004	161	-	-	-	-
Sidama	732,285	177,748	19,703	2,288	-	-	-	-
Gedio	147,625	71,161	10,503	926	-	-	-	-
Wolayita	203,554	125,555	2,077	-	-	-	-	-
South Omo	66,322	31,296	15,322	17,435	4,929	2,344	478	319
Shaka	36,767	12,577	4,446	681	-	-	-	-
Kaffa	89,087	102,132	30,379	3,345	-	-	-	-
Gamo Gofa	283,615	82,554	24,128	10,345	-	-	-	-
Bench Maji	72,522	50,768	10,197	541	-	-	-	-
Yem Sp. Wereda	13,665	7,360	1,384	67	-	-	-	-
Dawro	37,220	25,962	4,204	235	-	-	-	-
Basketo Sp. Wereda	13,797	5,453	1,000	61	-	-	-	-
Konta Sp. Wereda	22,522	8,894	1,236	65	-	-	-	-
Silte	81,599	72,484	22,820	2,060	-	-	-	-
Alaba Sp. Wereda	29,894	18,127	2,405	178	-	-	-	-
Segen People	86,192	20,965	6,631	1,555	-	-	-	-
<b>Gambela Region</b>	68,350	5,553	1,900	1,075	32	-	-	-
Angnuwak	26,909	1,121	25	104	-	-	-	-
Nuware	13,019	943	1,137	863	32	-	-	-
Mezhenger	21,464	3,410	722	92	-	-	-	-
Itang Special	6,958	79	16	16	-	-	-	-
<b>Harari</b>	26,387	2,580	276	-	-	-	-	-
Hundene	26,387	2,580	276	-	-	-	-	-
<b>Dire Dawa</b>	11,802	10,975	3,544	1,127	-	-	-	-

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

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
<b>Ethiopia</b>	12,592,153	2,638,059	1,193,213	703,155	24,380	8,732	5,340	159
<b>Tigray</b>	853,479	154,170	162,771	150,932	5,093	791	208	-
North West Tigray	202,969	52,198	60,965	72,043	3,786	373	-	-
Central Tigray	189,429	50,434	52,402	36,876	212	-	-	-
Eastern Tigray	169,459	16,187	12,765	5,897	-	-	-	-
Southern Tigray	214,472	16,657	20,028	15,177	-	418	-	-
Western Tigray	77,148	18,695	16,610	20,941	1,095	-	208	-
<b>Afar</b>	66,138	27,898	38,765	111,335	5,660	2,605	579	-
Zone 1	45,596	19,354	27,930	73,964	1,829	167	-	-
Zone 3	20,544	8,544	10,835	37,371	3,830	2,438	579	-
<b>Amhara</b>	4,015,833	642,585	352,971	162,223	914	-	-	-
North Gonder	661,507	131,246	83,541	61,251	417	-	-	-
South Gonder	469,474	72,071	36,868	7,720	-	-	-	-
North Wolo	270,535	61,691	30,626	7,595	-	-	-	-
South Wolo	524,980	156,008	59,304	19,784	-	-	-	-
North Shewa	393,268	98,183	53,030	23,913	-	-	-	-
East Gojam	605,070	35,065	27,421	11,495	-	-	-	-
West Gojam	650,035	35,046	15,457	5,842	-	-	-	-
Waghamera	74,251	20,793	18,393	13,937	384	-	-	-
Awi	283,268	14,013	12,299	3,379	-	-	-	-
Oromia	79,202	17,023	14,560	6,567	113	-	-	-
Argoba Special	4,239	1,448	1,473	741	-	-	-	-
<b>Oromia</b>	4,552,965	1,076,190	440,342	166,130	3,025	157	157	-
West Wellega	281,754	23,377	9,967	1,119	-	-	-	-
East Wellega	168,836	24,734	10,272	2,151	-	-	-	-
Illubabor	250,732	55,691	13,375	2,707	-	-	-	-
Jimma	488,933	109,135	23,924	3,934	-	-	-	-
West Shewa	439,442	44,656	31,497	10,250	-	-	-	-
North Shewa	322,683	38,896	19,686	6,237	-	-	-	-
East Shewa	244,078	53,356	32,542	14,732	-	-	-	-
Arsi	491,950	97,297	40,293	19,712	-	-	-	-
West Harerghe	168,397	118,521	49,130	15,105	342	-	-	-
East Harerghe	192,450	196,330	67,267	13,055	-	-	-	-
Bale	202,135	67,270	42,470	19,391	-	-	-	-
Borena	68,942	23,743	14,808	25,456	2,408	157	157	-
South West Shewa	290,191	64,568	21,351	7,248	-	-	-	-
Guji	246,679	39,922	22,037	12,273	275	-	-	-
West Arsi	404,651	77,709	25,330	8,952	-	-	-	-
Kelem Wellega	191,745	24,525	7,176	1,464	-	-	-	-
Horoguduru Wellega	99,365	16,461	9,217	2,345	-	-	-	-

TABLE 3- 27- c CONT'D

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
<b>Somale</b>	43,385	24,961	25,233	48,308	3,473	1,085	143	-
Shinele	1,326	1,725	2,268	4,497	432	46	-	-
Jijiga	31,445	14,833	11,763	17,265	831	249	-	-
Liben	10,613	8,403	11,202	26,546	2,211	790	143	-
<b>Benshangul-Gumuz</b>	169,054	45,882	21,019	12,136	109	-	-	-
Metekel	97,782	19,174	9,321	7,737	-	-	-	-
Asosa	51,500	20,298	7,809	3,261	109	-	-	-
Kemeshi	10,734	3,445	2,007	932	-	-	-	-
Mao Komo	9,041	2,965	1,881	205	-	-	-	-
<b>SNNP</b>	2,817,598	632,604	134,869	43,798	5,611	3,997	4,251	159
Gurage	225,614	39,680	5,519	965	-	-	-	-
Hadiya	228,945	53,961	9,207	929	-	-	-	-
Kembata Tembaro	115,188	26,528	2,364	-	-	-	-	-
Sidama	811,077	102,264	17,838	845	-	-	-	-
Gedio	223,226	5,074	1,644	271	-	-	-	-
Wolayita	261,259	64,891	4,772	264	-	-	-	-
South Omo	74,813	13,869	9,950	25,795	5,611	3,997	4,251	159
Shaka	48,233	5,041	943	254	-	-	-	-
Kaffa	142,388	69,068	12,868	619	-	-	-	-
Gamo Gofa	286,234	85,842	24,979	3,587	-	-	-	-
Bench Maji	104,532	23,523	5,138	835	-	-	-	-
Yem Sp. Wereda	12,517	7,216	2,486	257	-	-	-	-
Dawro	46,792	16,807	3,231	791	-	-	-	-
Basketo Sp. Wereda	16,540	2,700	939	132	-	-	-	-
Konta Sp. Wereda	24,641	7,694	382	-	-	-	-	-
Silte	103,637	61,657	12,876	793	-	-	-	-
Alaba Sp. Wereda	28,481	17,256	4,115	752	-	-	-	-
Segen People	63,481	29,533	15,619	6,710	-	-	-	-
<b>Gambela Region</b>	59,976	9,757	4,726	2,336	115	-	-	-
Angnuwak	22,336	3,195	1,869	644	115	-	-	-
Nuware	9,396	2,759	2,332	1,507	-	-	-	-
Mezhenger	22,669	2,944	75	-	-	-	-	-
Itang Special	5,575	859	450	185	-	-	-	-
<b>Harari</b>	10,094	13,966	4,504	679	-	-	-	-
Hundene	10,094	13,966	4,504	679	-	-	-	-
<b>Dire Dawa</b>	3,635	10,044	8,014	5,279	379	97	-	-

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

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Ethiopia</b>	15,781,447	1,221,377	142,209	18,462	1,696	11,417,815	5,270,537	440,634	32,815	3,390
<b>Tigray</b>	1,325,426	1,546	414	58	-	741,919	541,082	42,651	1,792	-
North West Tigray	392,334	-	-	-	-	222,437	152,363	16,820	714	-
Central Tigray	329,353	-	-	-	-	192,079	129,485	7,557	232	-
Eastern Tigray	203,893	204	211	-	-	95,754	104,365	4,189	-	-
Southern Tigray	266,220	532	-	-	-	150,656	104,862	10,552	682	-
Western Tigray	133,627	809	203	58	-	80,994	50,007	3,532	164	-
<b>Afar</b>	252,849	131	-	-	-	194,940	47,627	9,642	771	-
Zone 1	168,709	131	-	-	-	142,445	22,754	3,641	-	-
Zone 3	84,141	-	-	-	-	52,495	24,874	6,001	771	-
<b>Amhara</b>	4,854,466	293,911	24,573	1,576	-	3,093,930	1,932,381	143,848	3,806	561
North Gonder	918,393	17,083	2,486	-	-	586,485	329,911	21,005	-	561
South Gonder	562,756	21,557	1,820	-	-	334,108	240,369	11,223	433	-
North Wolo	348,034	22,168	245	-	-	214,595	151,366	4,486	-	-
South Wolo	698,143	61,933	-	-	-	410,071	322,556	27,081	368	-
North Shewa	530,069	35,140	2,454	731	-	248,603	300,816	18,229	746	-
East Gojam	604,712	70,105	3,835	399	-	414,662	228,363	34,385	1,641	-
West Gojam	679,884	24,160	1,890	446	-	478,527	211,864	15,989	-	-
Waghamera	127,138	620	-	-	-	68,152	55,304	4,154	148	-
Awi	260,132	40,984	11,843	-	-	252,445	54,477	5,809	228	-
Oromia	117,304	161	-	-	-	81,585	34,287	1,351	242	-
Argoba Special	7,901	-	-	-	-	4,700	3,067	134	-	-
<b>Oromia</b>	5,460,826	662,342	98,607	15,495	1,696	3,974,038	2,028,295	215,996	20,165	472
West Wellega	315,813	404	-	-	-	227,645	78,049	8,567	1,956	-
East Wellega	202,573	3,274	146	-	-	145,349	53,304	7,340	-	-
Illubabor	284,727	32,784	4,792	202	-	289,890	28,239	4,376	-	-
Jimma	555,537	66,526	3,863	-	-	544,277	78,182	3,467	-	-
West Shewa	433,967	75,535	14,368	1,975	-	355,506	151,766	17,138	1,435	-
North Shewa	328,115	55,565	3,544	278	-	199,064	165,256	22,008	1,174	-
East Shewa	326,950	17,309	449	-	-	143,421	163,626	32,720	4,941	-
Arsi	475,362	152,107	21,054	729	-	304,075	313,990	29,762	1,425	-
West Harerghe	351,495	-	-	-	-	175,613	167,378	8,235	269	-
East Harerghe	468,423	679	-	-	-	267,095	191,777	9,828	402	-
Bale	289,580	31,307	8,124	2,255	-	152,006	160,463	17,131	1,666	-
Borena	135,203	363	-	105	-	97,028	30,085	5,818	2,268	472
South West Shewa	321,278	61,254	826	-	-	221,682	144,457	14,193	3,026	-
Guji	235,173	65,681	15,943	4,389	-	258,951	55,552	6,201	482	-
West Arsi	411,082	80,860	19,738	3,644	1,318	338,614	158,325	19,259	444	-
Kelem Wellega	218,233	5,491	1,186	-	-	175,511	47,593	1,806	-	-
Horoguduru Wellega	107,314	13,204	4,574	1,918	378	78,310	40,254	8,146	678	-

TABLE 3-27 – d CONT'D

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Somale</b>	146,492	35	61	-	-	60,238	75,328	9,684	1,338	-
Shinele	10,294	-	-	-	-	5,378	4,445	415	56	-
Jijiga	76,290	35	61	-	-	33,715	39,996	2,478	197	-
Liben	59,908	-	-	-	-	21,144	30,887	6,791	1,086	-
<b>Benshangul-Gumuz</b>	247,227	486	487	-	-	196,135	47,359	3,771	935	-
Metekel	133,041	486	487	-	-	101,652	29,296	2,278	788	-
Asosa	82,977	-	-	-	-	68,306	13,540	984	147	-
Kemeshi	17,118	-	-	-	-	13,329	3,304	485	-	-
Mao Komo	14,092	-	-	-	-	12,850	1,219	23	-	-
<b>SNNP</b>	3,361,332	262,155	18,067	1,333	-	3,048,272	574,658	13,703	3,897	2,357
Gurage	233,314	36,987	1,477	-	-	197,522	71,776	2,480	-	-
Hadiya	265,515	27,012	515	-	-	191,803	99,623	1,616	-	-
Kembata Tembaro	136,199	7,768	113	-	-	103,348	40,571	161	-	-
Sidama	898,796	30,122	3,106	-	-	850,084	80,073	1,867	-	-
Gedio	214,230	15,071	641	273	-	225,013	5,202	-	-	-
Wolayita	329,567	1,619	-	-	-	293,542	37,644	-	-	-
South Omo	124,246	11,150	2,806	243	-	122,115	9,007	1,785	3,181	2,357
Shaka	46,533	7,100	692	146	-	52,142	2,329	-	-	-
Kaffa	170,115	48,532	5,910	386	-	222,883	2,060	-	-	-
Gamo Gofa	366,810	31,400	2,147	285	-	347,044	52,623	975	-	-
Bench Maji	126,459	7,336	233	-	-	131,647	2,381	-	-	-
Yem Sp. Wereda	21,859	617	-	-	-	18,245	4,037	194	-	-
Dawro	62,612	5,009	-	-	-	65,030	2,591	-	-	-
Basketo Sp. Wereda	19,697	614	-	-	-	19,402	909	-	-	-
Konta Sp. Wereda	31,178	1,467	72	-	-	31,668	1,049	-	-	-
Silte	152,928	25,681	354	-	-	77,730	99,106	1,929	198	-
Alaba Sp. Wereda	48,645	1,959	-	-	-	18,813	30,205	1,424	162	-
Segen People	112,632	2,711	-	-	-	80,243	33,473	1,270	357	-
<b>Gambela Region</b>	76,193	717	-	-	-	75,260	1,650	-	-	-
Angnuwak	28,159	-	-	-	-	26,836	1,323	-	-	-
Nuware	15,994	-	-	-	-	15,994	-	-	-	-
Mezhenger	24,971	717	-	-	-	25,360	328	-	-	-
Itang Special	7,069	-	-	-	-	7,069	-	-	-	-
<b>Harari</b>	29,243	-	-	-	-	18,767	10,026	400	50	-
Hundene	29,243	-	-	-	-	18,767	10,026	400	50	-
<b>Dire Dawa</b>	27,393	55	-	-	-	14,317	12,131	940	60	-

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

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Ethiopia</b>	16,788,946	373,256	2,546	443	-	16,890,391	156,962	44,584	43,992	29,262
<b>Tigray</b>	1,319,810	7,634	-	-	-	1,286,512	38,271	1,183	1,254	224
North West Tigray	390,190	2,144	-	-	-	371,122	20,780	-	432	-
Central Tigray	329,141	212	-	-	-	325,316	3,739	298	-	-
Eastern Tigray	203,425	883	-	-	-	204,097	-	211	-	-
Southern Tigray	263,726	3,026	-	-	-	260,173	4,858	674	823	224
Western Tigray	133,328	1,369	-	-	-	125,804	8,893	-	-	-
<b>Afar</b>	252,072	908	-	-	-	170,160	36,917	15,444	17,904	12,555
Zone 1	168,840	-	-	-	-	115,263	31,136	8,741	8,872	4,828
Zone 3	83,233	908	-	-	-	54,899	5,781	6,702	9,032	7,727
<b>Amhara</b>	5,002,820	170,081	1,625	-	-	5,127,980	41,540	2,778	2,090	138
North Gonder	921,501	15,812	649	-	-	937,962	-	-	-	-
South Gonder	568,102	17,483	548	-	-	586,133	-	-	-	-
North Wolo	358,132	12,315	-	-	-	359,717	10,361	369	-	-
South Wolo	726,650	33,426	-	-	-	749,841	10,235	-	-	-
North Shewa	557,064	11,330	-	-	-	552,393	13,305	1,078	1,618	-
East Gojam	658,926	19,698	427	-	-	679,051	-	-	-	-
West Gojam	663,214	43,166	-	-	-	706,380	-	-	-	-
Waghamera	125,320	2,438	-	-	-	127,758	-	-	-	-
Awi	298,706	14,253	-	-	-	312,959	-	-	-	-
Oromia	117,304	161	-	-	-	108,504	7,098	1,253	472	138
Argoba Special	7,901	-	-	-	-	7,282	542	77	-	-
<b>Oromia</b>	6,111,000	126,853	670	443	-	6,179,172	24,394	16,922	11,325	7,153
West Wellega	312,853	3,364	-	-	-	316,217	-	-	-	-
East Wellega	199,560	6,433	-	-	-	205,993	-	-	-	-
Illubabor	309,453	12,843	209	-	-	322,505	-	-	-	-
Jimma	609,581	16,345	-	-	-	625,926	-	-	-	-
West Shewa	518,205	7,640	-	-	-	525,845	-	-	-	-
North Shewa	382,231	4,938	333	-	-	387,502	-	-	-	-
East Shewa	339,028	5,680	-	-	-	342,864	1,217	418	209	-
Arsi	622,824	26,428	-	-	-	639,116	3,620	2,896	2,172	1,448
West Harerghe	349,772	1,723	-	-	-	340,582	4,480	2,519	1,392	2,522
East Harerghe	468,354	748	-	-	-	461,285	2,412	3,138	1,709	558
Bale	317,096	13,914	128	128	-	322,241	5,175	2,153	1,285	412
Borena	134,278	1,078	-	315	-	125,061	3,788	3,675	1,496	1,651
South West Shewa	378,178	5,180	-	-	-	383,358	-	-	-	-
Guji	313,496	7,690	-	-	-	312,050	3,701	1,811	3,062	562
West Arsi	512,156	4,486	-	-	-	516,331	-	311	-	-
Kelem Wellega	218,596	6,314	-	-	-	224,910	-	-	-	-
Horoguduru Wellega	125,338	2,050	-	-	-	127,388	-	-	-	-

TABLE 3-27 – e CONT'D

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
<b>Somale</b>	146,588	-	-	-	-	107,404	11,992	7,336	10,912	8,944
Shinele	10,294	-	-	-	-	7,940	1,368	408	469	109
Jijiga	76,386	-	-	-	-	61,338	6,082	2,483	4,138	2,345
Liben	59,908	-	-	-	-	38,127	4,541	4,445	6,305	6,490
<b>Benshangul-Gumuz</b>	246,573	1,627	-	-	-	248,200	-	-	-	-
Metekel	132,497	1,517	-	-	-	134,014	-	-	-	-
Asosa	82,977	-	-	-	-	82,977	-	-	-	-
Kemeshi	17,008	110	-	-	-	17,118	-	-	-	-
Mao Komo	14,092	-	-	-	-	14,092	-	-	-	-
<b>SNNP</b>	3,576,558	66,077	252	-	-	3,642,185	524	-	178	-
Gurage	267,863	3,915	-	-	-	271,778	-	-	-	-
Hadiya	287,015	6,027	-	-	-	293,042	-	-	-	-
Kembata Tembaro	142,123	1,957	-	-	-	144,080	-	-	-	-
Sidama	924,246	7,778	-	-	-	932,024	-	-	-	-
Gedio	226,744	3,471	-	-	-	230,215	-	-	-	-
Wolayita	330,312	874	-	-	-	331,186	-	-	-	-
South Omo	134,486	3,707	252	-	-	137,743	524	-	178	-
Shaka	52,375	2,096	-	-	-	54,471	-	-	-	-
Kaffa	215,551	9,392	-	-	-	224,943	-	-	-	-
Gamo Gofa	386,070	14,572	-	-	-	400,642	-	-	-	-
Bench Maji	131,911	2,117	-	-	-	134,028	-	-	-	-
Yem Sp. Wereda	22,221	255	-	-	-	22,476	-	-	-	-
Dawro	62,586	5,035	-	-	-	67,621	-	-	-	-
Basketo Sp. Wereda	19,603	708	-	-	-	20,311	-	-	-	-
Konta Sp. Wereda	31,950	767	-	-	-	32,717	-	-	-	-
Silte	177,100	1,863	-	-	-	178,963	-	-	-	-
Alaba Sp. Wereda	50,460	144	-	-	-	50,604	-	-	-	-
Segen People	113,941	1,402	-	-	-	115,343	-	-	-	-
<b>Gambela Region</b>	76,834	76	-	-	-	76,910	-	-	-	-
Angnuwak	28,159	-	-	-	-	28,159	-	-	-	-
Nuware	15,994	-	-	-	-	15,994	-	-	-	-
Mezhenger	25,612	76	-	-	-	25,688	-	-	-	-
Itang Special	7,069	-	-	-	-	7,069	-	-	-	-
<b>Harari</b>	29,243	-	-	-	-	28,417	184	326	165	151
Hundene	29,243	-	-	-	-	28,417	184	326	165	151
<b>Dire Dawa</b>	27,448	-	-	-	-	23,451	3,141	595	164	97

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>Ethiopia</b>	7,514,467	7,696,834	1,945,047	7,658	1,185	-
<b>Tigray</b>	407,977	726,744	192,139	584	-	-
North West Tigray	123,961	187,635	80,738	-	-	-
Central Tigray	80,375	212,256	36,722	-	-	-
Eastern Tigray	51,322	130,626	22,360	-	-	-
Southern Tigray	102,648	139,503	24,254	347	-	-
Western Tigray	49,671	56,724	28,066	236	-	-
<b>Afar</b>	231,043	14,759	6,625	553	-	-
Zone 1	168,768	72	-	-	-	-
Zone 3	62,276	14,687	6,625	553	-	-
<b>Amhara</b>	2,000,328	2,499,496	669,252	4,390	1,060	-
North Gondar	271,854	415,644	246,861	2,997	606	-
South Gondar	198,688	325,401	62,044	-	-	-
North Wolo	111,885	229,395	29,167	-	-	-
South Wolo	257,223	459,985	42,415	-	453	-
North Shewa	178,949	332,980	56,465	-	-	-
East Gojam	432,613	208,065	38,373	-	-	-
West Gojam	294,304	275,319	135,365	1,392	-	-
Waghamera	57,334	61,666	8,758	-	-	-
Awi	130,811	141,269	40,879	-	-	-
Oromia	64,382	45,238	7,845	-	-	-
Argoba Special	2,289	4,534	1,078	-	-	-
<b>Oromia</b>	2,982,512	2,581,321	674,100	1,033	-	-
West Wellega	129,681	138,616	47,406	514	-	-
East Wellega	78,845	90,818	36,330	-	-	-
Illubabor	126,601	152,384	43,520	-	-	-
Jimma	299,250	268,583	58,093	-	-	-
West Shewa	248,252	222,468	55,125	-	-	-
North Shewa	169,049	185,904	32,549	-	-	-
East Shewa	166,610	135,084	43,014	-	-	-
Arsi	312,680	277,268	59,304	-	-	-
West Harerghe	157,580	129,625	64,067	223	-	-
East Harerghe	213,861	219,379	35,862	-	-	-
Bale	218,863	87,293	25,110	-	-	-
Borena	68,608	49,564	17,308	191	-	-
South West Shewa	177,664	179,523	26,171	-	-	-
Guji	147,535	138,038	35,613	-	-	-
West Arsi	319,721	160,731	36,190	-	-	-
Kelem Wellega	97,063	90,825	37,022	-	-	-
Horoguduru Wellega	50,649	55,219	21,416	104	-	-



TABLE 3-27 – fCONT'D

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
<b>Somale</b>	119,442	22,616	4,530	-	-	-
Shinele	8,934	1,250	110	-	-	-
Jijiga	73,311	2,626	449	-	-	-
Liben	37,197	18,740	3,971	-	-	-
<b>Benshangul-Gumuz</b>	99,150	101,187	47,497	366	-	-
Metekel	55,356	57,530	21,128	-	-	-
Asosa	32,671	30,726	19,228	352	-	-
Kemeshi	5,467	7,228	4,408	15	-	-
Mao Komo	5,655	5,703	2,734	-	-	-
<b>SNNP</b>	1,609,671	1,702,225	330,516	350	125	-
Gurage	107,426	153,002	11,350	-	-	-
Hadiya	107,995	156,858	28,189	-	-	-
Kembata Tembaro	55,021	79,581	9,478	-	-	-
Sidama	517,488	353,101	61,435	-	-	-
Gedio	138,106	87,137	4,972	-	-	-
Wolayita	134,250	168,124	28,812	-	-	-
South Omo	49,166	56,298	32,856	-	125	-
Shaka	25,051	25,448	3,972	-	-	-
Kaffa	69,418	119,614	35,911	-	-	-
Gamo Gofa	194,911	178,020	27,711	-	-	-
Bench Maji	47,084	62,592	24,002	350	-	-
Yem Sp. Wereda	9,085	12,460	931	-	-	-
Dawro	27,518	33,274	6,829	-	-	-
Basketo Sp. Wereda	7,430	10,464	2,417	-	-	-
Konta Sp. Wereda	11,380	17,576	3,761	-	-	-
Silte	46,248	107,359	25,356	-	-	-
Alaba Sp. Wereda	14,117	29,281	7,206	-	-	-
Segen People	47,981	52,035	15,327	-	-	-
<b>Gambela Region</b>	40,834	21,035	14,695	346	-	-
Angnuwak	11,897	8,146	7,907	209	-	-
Nuware	9,390	3,341	3,237	26	-	-
Mezhenger	15,295	8,822	1,571	-	-	-
Itang Special	4,255	725	1,979	110	-	-
<b>Harari</b>	14,815	11,325	3,103	-	-	-
Hundene	14,815	11,325	3,103	-	-	-
<b>Dire Dawa</b>	8,696	16,127	2,589	36	-	-

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

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Ethiopia</b>	100	54.59	31.6	0.31	6.85	1.53	5.11
<b>Tigray</b>	100	38.03	41.46	0.2	12.46	3.19	4.67
North West Tigray	100	44.45	32.09	0.34	12.26	2.22	8.64
Central Tigray	100	31.84	51.65	0.06	13.51	1.56	1.38
Eastern Tigray	100	26.49	49.84	0.33	11.33	6.83	5.18
Southern Tigray	100	35.17	49.01	0.11	10.54	4.13	1.03
Western Tigray	100	54.63	20.78	0.06	15.75	2.87	5.91
<b>Afar</b>	100	82.37	8.23	0.11	3.66	2.41	3.23
Zone 1	100	81.58	8.79	0.13	2.63	2.26	4.62
Zone 3	100	84	7.08	0.06	5.79	2.7	0.36
<b>Amhara</b>	100	35.51	41.77	0.22	14.14	1.03	7.31
North Gondar	100	39.72	38.38	0.4	18.11	1.26	2.12
South Gondar	100	29.99	47.5	0.13	19.09	2.23	1.05
North Wolo	100	30.11	45.33	0.29	15.19	0.4	8.68
South Wolo	100	29.02	43.25	0.12	17.69	0.93	8.99
North Shewa	100	31.56	45.76	0.13	15.79	1.45	5.31
East Gojam	100	36.78	45.78	0.05	5.14	0.23	12.02
West Gojam	100	36.28	41.18	0.16	8.69	0.86	12.82
Waghamera	100	36.04	37.89	1.61	14.9	0.49	9.06
Awi	100	51.57	25.23	0.14	13.09	0.54	9.43
Oromia	100	57.13	26.22	0.16	9.82	1.55	5.13
Argoba Special	100	40.94	33.63	0.18	15.8	0.63	8.83
<b>Oromia</b>	100	64.79	26.39	0.19	2.58	1.51	4.55
West Wellega	100	85.94	9.71	0.16	0.3	0.24	3.65
East Wellega	100	83.25	13.49	-	0.33	0.1	2.83
Illubabor	100	87.9	8.3	0.03	0.98	0.3	2.5
Jimma	100	89.31	9.02	*	0.39	0.11	1.16
West Shewa	100	67.31	23.36	0.1	2.83	0.61	5.8
North Shewa	100	51.11	24.9	0.14	17.58	1.91	4.36
East Shewa	100	42.88	47.54	0.08	1.38	4.99	3.13
Arsi	100	55.95	36.79	0.19	2.12	1.81	3.14
West Harerghe	100	31.57	39.73	0.08	2.8	3.99	21.83
East Harerghe	100	35.51	50.32	0.84	1.63	2.54	9.17
Bale	100	76.14	20	0.14	0.95	1.21	1.57
Borena	100	78.35	16.65	0.03	2.45	1.34	1.18
South West Shewa	100	56.45	34.33	0.42	2.91	1.21	4.68
Guji	100	68.82	25.25	0.57	1.82	1.33	2.21
West Arsi	100	68.78	27.2	0.01	1.38	1.61	1.01
Kelem Wellega	100	85.51	10.39	-	-	0.91	3.2
Horoguduru Wellega	100	79.25	17.24	0.08	1.03	0.02	2.39

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somale</b>	100	73.8	20.48	0.19	0.44	0.79	4.3
Shinele	100	85.28	9.26	0.26	0.53	2.4	2.26
Jijiga	100	65.13	31.53	-	0.09	0.09	3.16
Liben	100	82.91	8.27	0.43	0.87	1.41	6.11
<b>Benshangul-Gumuz</b>	100	83.83	11.58	0.15	2.4	0.41	1.63
Metekel	100	79.06	14.79	0.25	3.52	0.57	1.8
Asosa	100	89.81	7.89	0.01	0.93	0.02	1.33
Kemeshi	100	91.3	5.23	-	0.92	0.42	2.13
Mao Komo	100	93.06	5.06	0.1	0.17	0.95	0.66
<b>SNNP</b>	100	65.6	25.99	0.66	2.61	1.61	3.53
Gurage	100	53.78	31.57	0.57	9.36	2.43	2.29
Hadiya	100	58.82	27.55	1.12	1.42	1.89	9.19
Kembata Tembaro	100	48.93	31.73	4.68	1.57	3.25	9.84
Sidama	100	61.59	30.72	0.68	1.44	2.72	2.86
Gedio	100	67.96	28.53	0.29	1.05	0.9	1.26
Wolayita	100	70.68	20.03	0.56	2.96	2.59	3.18
South Omo	100	77.25	19.7	-	0.54	0.03	2.48
Shaka	100	94.23	1.9	-	-	1.19	2.68
Kaffa	100	94.48	2.45	0.01	1.36	0.03	1.66
Gamo Gofa	100	67.27	26.64	0.2	3.89	0.18	1.82
Bench Maji	100	86.52	10.8	0.42	-	0.07	2.2
Yem Sp. Wereda	100	73.21	19.47	0.21	4.01	0.01	3.1
Dawro	100	73.72	18.34	0.31	4.52	0.46	2.65
Basketo Sp. Wereda	100	65.74	27.02	1.61	0.83	-	4.8
Konta Sp. Wereda	100	81.96	12.2	0.42	2.68	0.2	2.54
Silte	100	48.03	42.01	0.47	3.91	2.1	3.48
Alaba Sp. Wereda	100	50.82	41.23	0.22	2.23	0.57	4.92
Segen People	100	54.63	37.41	0.02	2.29	0.08	5.59
<b>Gambela Region</b>	100	94.55	3.82	0.05	0.02	0.37	1.19
Angnuwak	100	97.04	2.29	0.19	0.09	-	0.4
Nuware	100	100	-	-	-	-	-
Mezhenger	100	86.8	9.1	-	-	1.04	3.07
Itang Special	100	100	-	-	-	-	-
<b>Harari</b>	100	21.5	56.31	7.17	0.14	9.61	5.28
Hundene	100	21.5	56.31	7.17	0.14	9.61	5.28
<b>Dire Dawa</b>	100	72.45	20.46	0.26	0.07	6.51	0.25

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

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Ethiopia</b>	14,738,027	12,763,712	321,866	4,958,620	1,874,711	5,131,962
<b>Tigray</b>	1,107,281	1,080,037	9,506	840,423	361,682	446,130
North West Tigray	337,292	334,692	4,199	289,674	153,960	274,555
Central Tigray	268,356	267,117	712	203,575	34,955	48,351
Eastern Tigray	168,939	165,888	2,555	110,656	68,557	40,191
Southern Tigray	218,347	207,236	1,252	140,602	70,772	26,317
Western Tigray	114,347	105,104	787	95,915	33,438	56,716
<b>Afar</b>	235,852	97,654	1,267	40,392	35,561	15,982
Zone 1	156,872	67,581	945	17,458	21,687	13,190
Zone 3	78,980	30,073	323	22,934	13,874	2,792
<b>Amhara</b>	4,389,075	4,262,431	67,169	2,787,944	456,295	1,967,661
North Gonder	813,819	760,367	32,208	592,158	113,785	138,442
South Gonder	534,765	527,686	2,579	413,415	149,728	59,987
North Wolo	296,722	309,017	4,672	185,774	6,970	61,110
South Wolo	626,498	617,280	2,882	474,758	38,681	155,711
North Shewa	444,403	462,678	3,113	337,986	57,641	319,866
East Gojam	578,554	569,788	4,445	179,674	14,324	518,164
West Gojam	621,589	591,371	6,510	299,190	51,343	524,252
Waghamera	99,416	101,129	8,573	81,964	4,941	15,152
Awi	270,823	244,059	1,527	173,509	10,927	159,912
Oromia	95,650	73,255	622	45,320	7,609	13,747
Argoba Special	6,836	5,800	39	4,196	344	1,319
<b>Oromia</b>	5,416,658	4,433,972	62,576	785,346	603,254	1,748,845
West Wellega	255,977	130,038	3,091	6,526	4,431	72,283
East Wellega	179,462	122,050	-	3,566	1,094	44,476
Illubabor	287,608	178,635	456	11,668	6,773	73,634
Jimma	556,751	327,389	257	12,887	4,136	83,041
West Shewa	467,785	397,843	4,238	94,062	29,487	271,472
North Shewa	350,089	321,879	3,087	301,531	68,439	163,576
East Shewa	286,760	275,236	1,145	24,730	117,532	75,505
Arsi	593,116	548,816	10,430	64,834	88,063	125,284
West Harerghe	265,821	287,234	1,936	42,592	74,799	252,392
East Harerghe	397,832	445,669	18,758	50,839	69,147	264,283
Bale	301,310	237,866	4,081	19,391	29,759	23,388
Borena	118,513	65,022	317	14,958	6,316	12,798
South West Shewa	337,550	294,783	8,285	59,518	30,753	136,271
Guji	258,355	211,195	5,523	22,574	14,656	43,847
West Arsi	463,190	401,951	340	49,532	52,887	34,154
Kelem Wellega	182,467	101,963	-	-	4,681	44,949
Horoguduru Wellega	114,074	86,404	632	6,138	303	27,491

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
<b>Somale</b>	137,037	81,283	2,231	2,908	6,334	19,669
Shinele	10,056	3,542	227	588	1,287	1,349
Jijiga	70,641	62,368	-	564	212	8,943
Liben	56,341	15,373	2,005	1,756	4,834	9,377
<b>Benshangul-Gumuz</b>	191,197	103,298	2,123	31,573	9,076	28,304
Metekel	110,827	73,182	1,967	26,355	7,993	21,074
Asosa	58,375	24,266	81	4,318	133	4,687
Kemeshi	12,979	3,412	-	738	287	1,996
Mao Komo	9,016	2,437	75	162	663	547
<b>SNNP</b>	3,174,036	2,651,234	169,045	469,419	376,051	887,337
Gurage	238,629	223,827	15,229	109,691	44,882	56,362
Hadiya	274,124	263,310	29,030	30,802	33,689	139,643
Kembata Tembaro	135,179	128,118	49,291	16,133	45,076	93,749
Sidama	767,138	682,200	34,734	57,246	135,771	169,924
Gedio	138,287	115,687	2,742	8,479	8,329	13,632
Wolayita	311,466	283,977	20,416	64,704	71,060	129,102
South Omo	121,672	87,792	-	4,155	236	18,743
Shaka	41,836	5,565	-	-	2,740	11,423
Kaffa	215,273	42,236	160	12,766	905	40,889
Gamo Gofa	363,287	338,487	3,522	72,596	4,423	52,347
Bench Maji	116,534	65,786	2,008	-	538	29,682
Yem Sp. Wereda	20,352	18,251	380	6,070	30	8,074
Dawro	65,490	57,783	2,061	17,151	2,613	22,713
Basketo Sp. Wereda	17,076	15,604	1,793	818	-	5,176
Konta Sp. Wereda	29,593	19,809	721	4,916	918	7,221
Silte	171,340	164,660	5,858	46,520	21,208	42,281
Alaba Sp. Wereda	46,568	45,855	966	7,919	3,013	13,969
Segen People	100,193	92,287	133	9,453	621	32,409
<b>Gambela Region</b>	42,875	4,682	41	96	571	3,849
Angnuwak	11,127	1,106	41	96	-	470
Nuware	14,546	-	-	-	-	-
Mezhenger	14,872	3,576	-	-	571	3,379
Itang Special	2,331	-	-	-	-	-
<b>Harari</b>	17,350	26,912	7,143	309	12,718	13,696
Hundene	17,350	26,912	7,143	309	12,718	13,696
<b>Dire Dawa</b>	26,667	22,207	763	210	13,169	487

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

**1. Green Fodder**

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	6,428,028	323,746	3,359,527	4,362,416	264,310
<b>Tigray</b>	211,056	4,699	399,424	486,433	5,669
North West Tigray	28,445	966	163,763	141,687	2,431
Central Tigray	79,807	1,534	60,010	126,272	733
Eastern Tigray	66,108	936	50,414	50,829	651
Southern Tigray	30,362	-	60,519	125,612	1,854
Western Tigray	6,333	1,263	64,718	42,033	-
<b>Afar</b>	7,065	262	199,536	13,022	15,967
Zone 1	5,180	85	149,976	1,631	-
Zone 3	1,885	177	49,559	11,392	15,967
<b>Amhara</b>	1,272,599	101,990	1,187,513	1,772,518	54,454
North Gondar	201,354	22,894	261,204	321,511	6,856
South Gondar	114,617	5,752	162,389	248,432	3,575
North Wolo	184,185	7,419	31,002	71,694	2,422
South Wolo	324,302	28,818	63,300	205,231	4,847
North Shewa	182,265	15,449	68,869	158,055	19,765
East Gojam	37,746	2,216	261,711	274,028	2,853
West Gojam	143,652	7,914	191,067	270,687	8,270
Waghamera	18,810	2,592	56,904	21,109	-
Awi	33,926	6,488	53,404	171,913	5,093
Oromia	28,529	2,240	37,198	26,971	711
Argoba Special	3,213	208	466	2,887	63
<b>Oromia</b>	2,766,956	171,955	1,018,101	1,325,776	133,869
West Wellega	42,278	1,320	101,654	108,197	2,528
East Wellega	58,630	5,977	39,402	66,970	8,483
Illubabor	175,675	4,246	54,891	46,339	6,458
Jimma	369,281	7,522	84,209	79,550	16,189
West Shewa	228,315	32,896	55,493	125,641	25,441
North Shewa	186,305	37,302	21,054	85,021	20,406
East Shewa	112,694	4,826	80,611	79,137	9,491
Arsi	394,098	31,495	76,434	82,250	8,838
West Harerghe	137,990	2,356	104,905	19,968	602
East Harerghe	204,628	2,068	59,495	130,515	1,125
Bale	116,077	7,526	51,399	123,041	3,268
Borena	26,176	683	78,880	12,242	532
South West Shewa	230,821	17,208	20,925	50,803	17,792
Guji	155,172	3,915	56,391	38,727	4,152
West Arsi	281,238	9,288	35,887	133,285	3,492
Kelem Wellega	27,464	1,184	67,130	85,010	1,678
Horoguduru Wellega	20,115	2,144	29,341	59,081	3,393

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	11,562	560	76,336	48,273	306
Shinele	265	33	8,054	1,673	30
Jijiga	8,162	141	22,537	39,800	-
Liben	3,134	385	45,746	6,800	276
<b>Benshangul-Gumuz</b>	4,973	1,284	166,454	18,374	111
Metekel	1,053	1,078	97,659	10,925	111
Asosa	2,519	125	54,434	1,296	-
Kemeshi	518	57	8,784	3,620	-
Mao Komo	883	24	5,577	2,533	-
<b>SNNP</b>	2,130,953	42,705	257,548	690,951	51,879
Gurage	136,565	2,575	16,794	80,282	2,413
Hadiya	207,812	1,561	17,135	42,096	5,521
Kembata Tembaro	68,873	131	1,494	59,554	5,127
Sidama	596,904	6,356	47,889	115,989	-
Gedio	112,912	2,288	10,771	11,873	443
Wolayita	196,286	16,237	3,391	89,749	5,803
South Omo	46,749	2,227	43,212	28,654	830
Shaka	31,733	858	4,538	2,964	1,744
Kaffa	179,715	2,707	12,543	7,702	12,606
Gamo Gofa	158,105	4,013	55,878	135,251	10,039
Bench Maji	87,546	308	9,821	16,268	2,592
Yem Sp. Wereda	14,567	794	1,182	2,969	839
Dawro	48,956	1,303	1,945	12,500	787
Basketo Sp. Wereda	9,379	326	2,995	3,933	443
Konta Sp. Wereda	26,763	57	218	2,261	294
Silte	135,094	723	2,874	31,061	1,589
Alaba Sp. Wereda	34,528	-	708	11,333	-
Segen People	38,467	241	24,163	36,513	809
<b>Gambela Region</b>	12,628	205	27,089	899	2,054
Angnuwak	3,206	96	7,825	-	-
Nuware	46	65	14,419	15	-
Mezhenger	9,353	44	2,536	884	2,054
Itang Special	23	-	2,308	-	-
<b>Harari</b>	9,364	-	6,002	1,984	-
Hundene	9,364	-	6,002	1,984	-
<b>Dire Dawa</b>	871	87	21,523	4,185	-

## 2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	11,038,959	309,039	101,755	1,131,838	182,122
<b>Tigray</b>	821,201	38,622	2,523	204,363	13,329
North West Tigray	258,532	12,744	933	56,851	5,633
Central Tigray	197,766	3,072	497	64,523	1,260
Eastern Tigray	120,636	5,951	202	36,683	2,416
Southern Tigray	157,838	7,882	404	38,148	2,963
Western Tigray	86,428	8,974	487	8,158	1,057
<b>Afar</b>	64,088	4,949	862	6,798	20,958
Zone 1	56,528	3,834	774	948	5,497
Zone 3	7,560	1,115	89	5,849	15,460
<b>Amhara</b>	3,591,080	115,959	14,731	472,533	68,128
North Gondar	624,093	30,579	2,975	89,167	13,554
South Gondar	455,530	9,950	2,210	55,519	4,477
North Wolo	257,481	7,364	500	42,848	824
South Wolo	477,715	14,388	4,285	114,754	6,138
North Shewa	390,292	12,895	391	46,771	12,329
East Gojam	498,545	10,793	-	52,393	8,057
West Gojam	519,824	15,362	1,922	39,980	14,283
Waghamera	88,387	440	-	12,180	122
Awi	209,712	11,555	1,971	13,006	7,815
Oromia	64,803	2,554	477	4,977	444
Argoba Special	4,699	79	-	939	84
<b>Oromia</b>	4,000,174	89,137	52,592	240,845	51,224
West Wellega	110,182	1,870	3,644	13,025	1,316
East Wellega	112,953	1,271	2,892	1,656	3,278
Illubabor	163,256	3,854	8,191	997	2,336
Jimma	302,234	10,635	1,475	11,483	1,562
West Shewa	349,815	7,849	4,229	26,879	9,072
North Shewa	271,173	12,502	3,263	24,133	10,809
East Shewa	246,334	5,278	1,724	15,562	6,340
Arsi	512,872	8,843	4,686	19,300	3,114
West Harerghe	271,317	283	2,961	10,565	2,109
East Harerghe	431,177	3,172	270	8,208	2,842
Bale	198,338	5,072	1,851	31,309	1,295
Borena	61,502	1,760	1,163	346	251
South West Shewa	273,464	8,111	490	7,850	4,868
Guji	177,773	7,993	8,844	16,355	230
West Arsi	353,211	8,612	5,036	34,418	674
Kelem Wellega	92,452	1,437	1,029	7,046	-
Horoguduru Wellega	72,121	596	845	11,714	1,128



TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	66,070	10,954	575	3,643	41
Shinele	3,022	246	87	145	41
Jijiga	56,795	1,587	488	3,498	-
Liben	6,253	9,120	-	-	-
<b>Benshangul-Gumuz</b>	95,040	1,275	1,307	4,674	1,003
Metekel	66,512	1,158	-	4,509	1,003
Asosa	22,937	108	1,134	88	-
Kemeshi	3,233	9	170	-	-
Mao Komo	2,357	-	3	77	-
<b>SNNP</b>	2,351,834	47,416	28,764	196,293	26,928
Gurage	212,024	953	457	9,393	1,000
Hadiya	235,097	2,952	9,274	11,814	4,173
Kembata Tembaro	108,203	528	1,851	14,491	3,045
Sidama	582,735	12,093	3,444	83,928	-
Gedio	107,302	1,194	3,150	3,823	218
Wolayita	236,797	19,558	5,392	17,658	4,573
South Omo	79,663	1,467	1,641	3,808	1,212
Shaka	5,291	76	-	76	123
Kaffa	41,714	67	-	-	455
Gamo Gofa	302,294	4,666	1,966	22,687	6,875
Bench Maji	60,710	546	111	2,318	2,101
Yem Sp. Wereda	16,656	170	-	1,138	288
Dawro	51,672	1,582	1,044	2,855	631
Basketo Sp. Wereda	14,387	165	68	820	164
Konta Sp. Wereda	17,714	234	197	1,664	-
Silte	154,171	397	-	9,464	628
Alaba Sp. Wereda	41,088	419	73	4,202	73
Segen People	84,317	351	94	6,156	1,369
<b>Gambela Region</b>	4,241	126	242	40	33
Angnuwak	864	-	242	-	-
Nuware	-	-	-	-	-
Mezhenger	3,377	126	-	40	33
Itang Special	-	-	-	-	-
<b>Harari</b>	25,842	201	112	688	70
Hundene	25,842	201	112	688	70
<b>Dire Dawa</b>	19,389	401	49	1,961	408

### 3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	228,986	61,977	2,213	10,120	18,569
<b>Tigray</b>	5,570	1,928	-	437	1,571
North West Tigray	3,877	322	-	-	-
Central Tigray	-	497	-	215	-
Eastern Tigray	411	352	-	221	1,571
Southern Tigray	1,050	202	-	-	-
Western Tigray	231	556	-	-	-
<b>Afar</b>	114	599	415	-	138
Zone 1	114	415	415	-	-
Zone 3	-	184	-	-	138
<b>Amhara</b>	42,702	10,092	-	2,737	11,638
North Gondar	25,406	3,690	-	551	2,561
South Gondar	1,249	1,330	-	-	-
North Wolo	3,197	992	-	233	250
South Wolo	1,556	1,326	-	-	-
North Shewa	2,782	-	-	-	331
East Gojam	1,245	1,372	-	1,829	-
West Gojam	6,025	485	-	-	-
Waghamera	215	134	-	-	8,223
Awi	627	627	-	-	273
Oromia	382	127	-	113	-
Argoba Special	18	9	-	11	-
<b>Oromia</b>	26,950	31,896	1,172	2,558	-
West Wellega	3,091	-	-	-	-
East Wellega	-	-	-	-	-
Illubabor	-	456	-	-	-
Jimma	257	-	-	-	-
West Shewa	1,448	2,443	-	347	-
North Shewa	942	1,843	-	302	-
East Shewa	393	752	-	-	-
Arsi	763	9,667	-	-	-
West Harerghe	1,028	908	-	-	-
East Harerghe	12,415	6,037	-	307	-
Bale	2,206	1,875	-	-	-
Borena	211	-	-	106	-
South West Shewa	2,351	5,934	-	-	-
Guji	873	1,981	1,172	1,496	-
West Arsi	340	-	-	-	-
Kelem Wellega	-	-	-	-	-
Horoguduru Wellega	632	-	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	-	2,023	-	-	208
Shinele	-	19	-	-	208
Jijiga	-	-	-	-	-
Liben	-	2,005	-	-	-
<b>Benshangul-Gumuz</b>	1,455	350	-	136	182
Metekel	1,325	323	-	136	182
Asosa	81	-	-	-	-
Kemeshi	-	-	-	-	-
Mao Komo	49	26	-	-	-
<b>SNNP</b>	145,166	14,680	588	3,780	4,832
Gurage	15,046	-	-	183	-
Hadiya	26,239	1,646	-	518	628
Kembata Tembaro	42,203	1,562	-	2,867	2,660
Sidama	30,054	3,977	-	-	703
Gedio	1,189	1,340	-	212	-
Wolayita	17,219	2,970	-	-	227
South Omo	-	-	-	-	-
Shaka	-	-	-	-	-
Kaffa	160	-	-	-	-
Gamo Gofa	3,118	-	404	-	-
Bench Maji	1,903	-	-	-	106
Yem Sp. Wereda	133	216	31	-	-
Dawro	1,718	343	-	-	-
Basketo Sp. Wereda	1,507	140	54	-	92
Konta Sp. Wereda	622	-	99	-	-
Silte	3,089	2,353	-	-	416
Alaba Sp. Wereda	966	-	-	-	-
Segen People	-	133	-	-	-
<b>Gambela Region</b>	41	-	-	-	-
Angnuwak	41	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
<b>Harari</b>	6,564	68	38	473	-
Hundene	6,564	68	38	473	-
<b>Dire Dawa</b>	424	340	-	-	-

#### 4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	3,130,477	823,488	130,320	748,204	126,130
<b>Tigray</b>	623,672	55,186	13,140	137,186	11,239
North West Tigray	217,415	19,938	1,058	46,025	5,238
Central Tigray	156,707	8,525	1,086	36,039	1,218
Eastern Tigray	78,283	6,915	7,460	16,444	1,555
Southern Tigray	113,627	2,659	676	21,187	2,452
Western Tigray	57,640	17,149	2,860	17,490	777
<b>Afar</b>	5,025	2,162	170	314	32,721
Zone 1	2,535	1,415	170	85	13,253
Zone 3	2,489	748	-	229	19,468
<b>Amhara</b>	1,672,435	523,957	92,215	460,504	38,834
North Gondar	337,387	144,171	4,326	97,488	8,786
South Gondar	244,059	89,286	8,897	68,519	2,654
North Wolo	135,846	19,776	-	29,684	468
South Wolo	304,917	54,042	476	108,890	6,433
North Shewa	226,344	47,518	418	52,775	10,931
East Gojam	91,779	24,525	44,893	16,346	2,132
West Gojam	131,532	92,917	25,869	46,189	2,684
Waghamera	69,664	6,330	1,141	4,480	350
Awi	96,642	37,376	6,046	29,209	4,236
Oromia	31,472	7,765	129	5,841	113
Argoba Special	2,794	252	20	1,083	47
<b>Oromia</b>	483,642	152,424	14,550	95,001	39,729
West Wellega	5,507	212	-	582	226
East Wellega	2,495	402	670	-	-
Illubabor	8,863	526	2,026	253	-
Jimma	10,691	1,881	316	-	-
West Shewa	53,476	27,308	1,400	8,093	3,785
North Shewa	175,022	54,100	6,095	56,925	9,390
East Shewa	20,705	3,009	-	476	539
Arsi	49,369	12,252	1,084	2,129	-
West Harerghe	24,938	13,500	304	3,850	-
East Harerghe	17,234	14,348	-	1,437	17,820
Bale	11,448	2,922	1,676	643	2,702
Borena	6,099	748	-	5,029	3,081
South West Shewa	44,237	9,766	980	3,702	832
Guji	13,120	3,550	-	5,903	-
West Arsi	35,301	6,899	-	5,979	1,353
Kelem Wellega	-	-	-	-	-
Horoguduru Wellega	5,137	1,001	-	-	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	1,079	919	15	293	602
Shinele	-	41	15	-	531
Jijiga	493	-	-	-	70
Liben	585	878	-	293	-
<b>Benshangul-Gumuz</b>	24,346	1,820	3,390	1,881	136
Metekel	21,132	1,715	1,961	1,411	136
Asosa	2,482	88	1,287	461	-
Kemeshi	589	18	122	9	-
Mao Komo	143	-	20	-	-
<b>SNNP</b>	319,924	86,833	6,840	52,983	2,839
Gurage	74,925	15,058	-	18,648	1,060
Hadiya	22,424	6,489	537	1,352	-
Kembata Tembaro	9,678	3,693	396	2,235	131
Sidama	40,410	16,150	-	686	-
Gedio	4,954	3,308	-	217	-
Wolayita	42,338	15,808	-	6,331	227
South Omo	3,926	-	-	229	-
Shaka	-	-	-	-	-
Kaffa	9,244	-	202	3,320	-
Gamo Gofa	46,287	10,833	5,012	10,115	349
Bench Maji	-	-	-	-	-
Yem Sp. Wereda	4,313	665	29	770	294
Dawro	11,429	3,009	-	2,461	252
Basketo Sp. Wereda	708	26	26	32	26
Konta Sp. Wereda	3,860	49	477	458	72
Silte	30,963	9,948	-	5,413	196
Alaba Sp. Wereda	5,522	1,798	-	600	-
Segen People	8,943	-	162	116	232
<b>Gambela Region</b>	96	-	-	-	-
Angnuwak	96	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
<b>Harari</b>	186	80	-	43	-
Hundene	186	80	-	43	-
<b>Dire Dawa</b>	72	108	-	-	30

## 5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Ethiopia</b>	632,664	1,097,646	2,349	44,388	97,664
<b>Tigray</b>	187,696	96,861	248	14,462	62,415
North West Tigray	132,011	16,189	-	4,128	1,631
Central Tigray	9,271	12,588	-	-	13,096
Eastern Tigray	3,401	42,808	248	1,173	20,927
Southern Tigray	17,414	20,522	-	6,182	26,655
Western Tigray	25,599	4,755	-	2,978	107
<b>Afar</b>	429	33,509	121	309	1,193
Zone 1	170	21,347	-	-	170
Zone 3	259	12,162	121	309	1,023
<b>Amhara</b>	250,506	174,160	492	12,563	18,573
North Gondar	73,001	21,336	-	7,221	12,226
South Gondar	140,946	5,325	-	1,554	1,904
North Wolo	2,002	4,969	-	-	-
South Wolo	4,038	34,045	-	599	-
North Shewa	6,191	50,754	-	348	348
East Gojam	5,731	8,593	-	-	-
West Gojam	6,987	40,921	492	2,321	622
Waghamera	1,597	471	-	168	2,705
Awi	9,499	627	-	228	574
Oromia	503	6,799	-	113	195
Argoba Special	12	321	-	12	-
<b>Oromia</b>	112,808	465,757	1,344	11,498	11,848
West Wellega	3,829	386	-	216	-
East Wellega	656	304	134	-	-
Illubabor	4,728	1,773	-	-	271
Jimma	3,724	412	-	-	-
West Shewa	9,521	19,250	355	362	-
North Shewa	13,937	53,032	302	276	892
East Shewa	11,757	104,825	209	741	-
Arsi	8,969	73,895	-	2,252	2,947
West Harerghe	8,209	57,856	-	1,914	6,820
East Harerghe	3,585	64,894	-	310	357
Bale	11,864	16,060	-	1,624	211
Borena	720	5,020	99	478	-
South West Shewa	5,314	24,846	245	-	349
Guji	4,869	8,290	-	1,496	-
West Arsi	16,336	34,722	-	1,829	-
Kelem Wellega	4,489	192	-	-	-
Horoguduru Wellega	303	-	-	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
<b>Somale</b>	5	5,954	-	26	349
Shinele	5	908	-	26	349
Jijiga	-	212	-	-	-
Liben	-	4,834	-	-	-
<b>Benshangul-Gumuz</b>	7,501	671	108	58	737
Metekel	6,619	529	108	-	737
Asosa	133	-	-	-	-
Kemeshi	254	-	-	33	-
Mao Komo	495	142	-	26	-
<b>SNNP</b>	72,953	296,816	-	5,471	811
Gurage	11,492	32,792	-	374	224
Hadiya	10,683	23,006	-	-	-
Kembata Tembaro	3,000	41,499	-	166	411
Sidama	32,089	102,328	-	1,354	-
Gedio	3,099	3,716	-	1,514	-
Wolayita	1,946	67,628	-	1,487	-
South Omo	129	107	-	-	-
Shaka	2,538	123	-	79	-
Kaffa	737	168	-	-	-
Gamo Gofa	2,268	1,899	-	256	-
Bench Maji	283	79	-	-	176
Yem Sp. Wereda	30	-	-	-	-
Dawro	510	2,047	-	57	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	72	845	-	-	-
Silte	3,446	17,578	-	185	-
Alaba Sp. Wereda	257	2,756	-	-	-
Segen People	376	245	-	-	-
<b>Gambela Region</b>	463	109	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	463	109	-	-	-
Itang Special	-	-	-	-	-
<b>Harari</b>	197	12,093	-	-	429
Hundene	197	12,093	-	-	429
<b>Dire Dawa</b>	107	11,716	36	-	1,310

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

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
<b>Ethiopia</b>	80,620	48,231	275,572	20,298	25,012
<b>Tigray</b>	10,253	2,114	73,962	3,765	3,078
North West Tigray	3,325	-	29,204	986	1,732
Central Tigray	930	983	8,363	578	212
Eastern Tigray	1,195	532	14,031	1,670	656
Southern Tigray	4,536	390	10,499	-	128
Western Tigray	267	208	11,865	531	350
<b>Afar</b>	1,040	-	264	-	-
Zone 1	1,040	-	-	-	-
Zone 3	-	-	264	-	-
<b>Amhara</b>	14,594	24,998	82,316	11,398	5,770
North Gondar	2,242	1,248	3,413	7,631	624
South Gondar	-	-	5,345	1,995	-
North Wolo	211	1,372	8,851	-	845
South Wolo	632	855	14,977	-	-
North Shewa	1,677	3,722	29,468	1,027	1,839
East Gojam	7,645	5,874	11,409	-	1,487
West Gojam	426	10,815	4,323	361	426
Waghamera	-	131	3,739	126	147
Awi	1,638	853	536	258	306
Oromia	123	127	192	-	96
Argoba Special	-	-	63	-	-
<b>Oromia</b>	33,656	18,778	53,104	3,821	11,632
West Wellega	-	1,296	8,219	-	-
East Wellega	123	-	904	-	-
Illubabor	505	-	5,623	856	-
Jimma	-	378	7,077	830	-
West Shewa	4,519	1,135	7,997	354	280
North Shewa	3,973	333	2,752	-	-
East Shewa	-	-	2,986	-	-
Arsi	8,409	336	3,752	-	9,155
West Harerghe	1,585	8,146	3,352	239	1,213
East Harerghe	846	-	920	373	-
Bale	3,472	694	422	416	-
Borena	1,135	448	-	-	716
South West Shewa	596	2,350	2,065	482	267
Guji	5,965	1,911	844	272	-
West Arsi	2,427	698	1,679	-	-
Kelem Wellega	-	1,053	3,491	-	-
Horoguduru Wellega	99	-	1,022	-	-



TABLE 3 – 30 CONT'D

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
<b>Somale</b>	1,047	77	60	609	60
Shinele	20	-	-	5	-
Jijiga	-	-	-	-	-
Liben	1,027	77	60	604	60
<b>Benshangul-Gumuz</b>	-	48	550	111	-
Metekel	-	-	370	-	-
Asosa	-	-	153	81	-
Kemeshi	-	32	15	-	-
Mao Komo	-	16	13	30	-
<b>SNNP</b>	19,989	2,138	64,393	561	4,473
Gurage	1,444	-	10,256	181	862
Hadiya	-	-	892	342	-
Kembata Tembaro	471	526	2,270	-	-
Sidama	14,866	703	15,782	-	2,492
Gedio	170	-	547	-	-
Wolayita	291	-	10,377	-	-
South Omo	314	491	1,771	-	185
Shaka	199	123	758	-	69
Kaffa	-	-	3,784	-	437
Gamo Gofa	896	-	3,237	-	299
Bench Maji	117	-	4,145	-	-
Yem Sp. Wereda	264	111	3,266	37	34
Dawro	64	184	59	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	108	-	-
Silte	894	-	4,179	-	-
Alaba Sp. Wereda	-	-	648	-	-
Segen People	-	-	2,312	-	97
<b>Gambela Region</b>	-	30	387	33	-
Angnuwak	-	30	60	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	327	33	-
Itang Special	-	-	-	-	-
<b>Harari</b>	41	49	536	-	-
Hundene	41	49	536	-	-
<b>Dire Dawa</b>	-	-	-	-	-

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

**[Annex Tables 1 –10]**



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

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	59,486,667	1,089,164	1.83	30,697,942	1,146,857	3.74	30,200,226	1,639,623	5.43
Tigray.....	4,791,341	208,533	4.35	2,041,731	199,261	9.76	4,584,138	331,050	7.22
Afar .....	1,315,917	175,151	13.31	1,729,159	196,356	11.36	3,461,260	731,775	21.14
Amhara .....	15,982,541	412,477	2.58	10,735,926	596,194	5.55	6,438,600	424,313	6.59
Oromia .....	24,144,361	583,180	2.42	9,866,172	471,138	4.78	8,129,784	436,330	5.37
Somali .....	584,983	50,299	8.6	1,022,298	114,098	11.16	1,519,602	215,927	14.21
Benshangul-Gumuz.....	777,915	69,238	8.9	100,013	17,744	17.74	431,216	46,020	10.67
SNNP.....	11,485,147	770,625	6.71	5,087,007	803,818	15.8	5,258,250	1,273,883	24.23
Gambella.....	282,654	24,391	8.63	44,302	8,770	19.8	99,018	14,067	14.21
Harari.....	69,387	9,083	13.09	7,100	1,389	19.56	72,555	6,253	8.62
Dire Dawa.....	52,421	3,717	7.09	64,234	8,098	12.61	205,804	33,041	16.05

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	2,158,176	127,372	5.9	409,877	23,897	5.83	8,439,220	158,269	1.88	1209321	142089	11.75
Tigray.....	3,815	1,527	40.04	7,634	2,125	27.84	838,053	39,394	4.7	54348	9428	17.35
Afar .....	131	130	99.57	908	627	69.03	101,656	16,287	16.02	474146	92826	19.58
Amhara.....	467,510	59,625	12.75	185,186	17,777	9.6	2,991,598	79,814	2.67	71194	14707	20.66
Oromia .....	1,296,520	106,437	8.21	140,114	12,676	9.05	3,446,746	98,248	2.85	299422	88941	29.7
Somali .....	219	187	85.45	-	-	-	139,361	12,286	8.82	295076	57761	19.57
Benshangul-Gumuz.....	2,560	1,368	53.44	1,783	581	32.58	77,737	9,246	11.89	-	-	-
SNNP .....	386,620	36,542	9.45	74,176	9,439	12.73	810,603	83,447	10.29	1581	1243	78.65
Gambella .....	747	309	41.35	76	52	69.09	1,739	765	43.97	-	-	-
Harari .....	-	-	-	-	-	-	13,380	2,206	16.48	5352	3900	72.87
Dire Dawa .....	55	53	98.04	-	-	-	18,348	1,966	10.71	8202	1990	24.26

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

**Male Cattle**

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	2,694,282	61,573	2.29	2,340,233	59,638	2.55	1,424,486	117,532	2.66	16,344,151	254,212	1.56	675,225	41,278	6.11
Tigray .....	209,138	17,005	8.13	144,170	9,388	6.51	382,576	22,902	5.99	1,482,613	52,072	3.51	131,734	12,996	9.87
Afar .....	64,281	11,852	18.44	61,258	11,210	18.3	36,222	4,982	13.75	96,703	16,209	16.76	5,925	1,927	32.52
Amhara .....	669,419	30,908	4.62	509,933	26,061	5.11	1,252,967	38,715	3.09	5,365,997	117,913	2.2	288,075	24,632	8.55
Oromia .....	1,095,586	38,393	3.5	996,983	31,960	3.21	1,774,387	48,898	2.76	6,773,596	161,779	2.39	207,837	29,594	14.24
Somali .....	38,638	4,602	11.91	24,756	3,110	12.56	37,899	4,851	12.8	82,870	8,379	10.11	295	214	72.5
Benshangul-Gumuz .....	30,044	4,594	15.29	38,021	4,224	11.11	63,038	7,259	11.52	204,555	17,090	8.35	9,816	2,608	26.56
SNNP .....	568,752	29,793	5.24	547,381	40,139	7.33	841,859	96,398	11.45	2,284,223	145,492	6.37	31,039	6,463	20.82
Gambella .....	12,074	1,330	11.02	12,296	1,787	14.53	21,531	2,056	9.55	36,207	6,337	17.5	440	222	50.49
Harari .....	4,597	731	15.91	3,188	528	16.55	7,798	964	12.36	8,815	1,495	16.96	34	33	96.95
Dire Dawa .....	1,752	244	13.91	2,246	423	18.85	6,209	703	11.32	8,572	991	11.56	30	30	97.78

Annex Table 2- Cont'd

**Female Cattle**

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	3,017,429	75,686	2.51	2,686,435	81,004	3.02	1,538,724	169,171	3.05	21,100,880	411,397	1.95	664,822	39,340	5.92
Tigray .....	218,089	16,550	7.59	162,655	11,294	6.94	403,688	22,939	5.68	1,553,735	74,568	4.8	102,942	11,557	11.23
Afar .....	118,108	19,426	16.45	118,145	20,773	17.58	116,743	18,008	15.43	665,915	93,078	13.98	32,617	16,469	50.49
Amhara .....	708,063	39,580	5.59	561,096	30,596	5.45	1,366,588	49,237	3.6	5,037,070	164,049	3.26	223,332	19,206	8.6
Oromia .....	1,253,301	47,383	3.78	1,128,929	45,161	4.0	2,213,716	66,582	3.01	8,493,876	242,540	2.86	206,149	18,460	8.95
Somali .....	42,769	4,932	11.53	36,188	5,268	14.56	60,094	8,291	13.8	259,509	22,092	8.51	1,965	807	41.09
Benshangul-Gumuz .....	32,940	4,120	12.51	37,143	3,987	10.73	75,310	8,671	11.51	277,459	24,542	8.85	9,588	2,633	27.46
SNNP .....	623,812	34,944	5.6	620,671	54,586	8.79	1,256,088	144,082	11.47	4,625,892	260,810	5.64	85,431	20,613	24.13
Gambella .....	13,577	1,453	10.7	15,870	1,742	10.98	30,443	2,346	7.7	138,256	12,448	9	1,961	820	41.79
Harari .....	4,058	799	19.68	3,740	711	19.01	8,956	1,104	12.33	27,698	3,946	14.25	503	205	40.83
Dire Dawa .....	2,711	441	16.26	1,999	312	15.6	7,099	725	10.21	21,469	1,705	7.94	334	176	52.6

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

**Male Sheep**

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	3,912,226	109,571	2.8	1,460,876	71,385	4.89	1,238,304	115,297	9.31	1,940,878	174,722	9
Tigray .....	265,768	22,421	8.44	96,766	10,094	10.43	61,667	8,577	13.91	71,167	10,330	14.52
Afar .....	178,042	22,594	12.69	73,424	10,013	13.64	60,579	8,856	14.62	137,305	22,247	16.2
Amhara .....	1,469,084	81,181	5.53	485,504	40,946	8.43	407,608	37,945	9.31	566,651	57,002	10.06
Oromia.....	1,367,829	55,740	4.08	474,907	26,610	5.6	336,061	28,301	8.42	643,449	101,817	15.82
Somali .....	90,632	12,043	13.29	50,424	8,985	17.82	56,505	11,038	19.53	97,679	11,235	11.5
Benshangul-Gumuz .....	14,916	3,474	23.29	6,262	1,294	20.67	4,422	857	19.37	3,940	977	24.79
SNNP.....	512,257	33,701	6.58	267,369	49,252	18.42	306,277	103,814	33.9	413,398	127,199	30.77
Gambella .....	5,022	1,189	23.68	3,413	796	23.33	2,910	653	22.43	4,349	1,681	38.66
Harari.....	814	241	29.65	342	130	38.01	467	150	32.19	295	143	48.54
Dire Dawa.....	7,864	989	12.57	2,466	390	15.83	1,808	516	28.54	2,645	824	31.16

Annex Table 3-Cont'd

**Female Sheep**

Geographic Area	Number	<6MONTHS		6MONTHS - <1YEAR			Number	1-<2YEARS		2 YEARS & OLDER		
		SE	CV	Number	SE	CV		SE	CV	Number	SE	CV
Ethiopia .....	4,138,371	126,653	3.06	1,869,165	90,711	4.85	2,114,401	164,083	7.76	14,023,721	456,373	3.25
Tigray .....	256,385	28,930	11.28	128,256	22,392	17.46	150,573	27,725	18.41	1,011,151	93,809	9.28
Afar .....	227,666	26,114	11.47	139,247	21,051	15.12	144,274	26,460	18.34	768,621	91,262	11.87
Amhara .....	1,532,983	89,585	5.84	579,824	46,577	8.03	603,367	48,608	8.06	5,090,905	278,307	5.47
Oromia.....	1,436,945	64,968	4.52	616,720	40,816	6.62	619,251	43,807	7.07	4,371,009	197,136	4.51
Somali .....	107,152	14,030	13.09	74,407	10,688	14.36	104,588	16,937	16.19	440,912	52,501	11.91
Benshangul-Gumuz .....	17,352	3,633	20.94	6,168	1,068	17.31	9,021	2,219	24.6	37,933	6,740	17.77
SNNP.....	545,744	45,423	8.32	317,226	57,724	18.2	472,996	144,495	30.55	2,251,741	268,323	11.92
Gambella .....	5,578	1,256	22.52	3,274	889	27.14	3,792	990	26.1	15,965	3,524	22.08
Harari.....	639	248	38.91	250	112	44.58	616	182	29.59	3,677	755	20.54
Dire Dawa.....	7,929	963	12.15	3,793	640	16.86	5,923	1,066	18	31,806	4,247	13.35

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

**Male Goats**

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	3,444,111	113,264	3.29	1,474,872	74,327	5.04	1,460,811	165,327	11.32	2,494,672	320,689	12.85
Tigray .....	527,563	34,308	6.5	173,012	16,044	9.27	158,881	15,385	9.68	250,062	24,366	9.74
Afar .....	287,664	52,377	18.21	131,977	31,925	24.19	101,170	21,016	20.77	233,458	52,033	22.29
Amhara .....	896,446	62,871	7.01	353,255	29,684	8.4	334,999	51,724	15.44	527,796	59,633	11.3
Oromia.....	1,097,703	54,479	4.96	458,458	26,368	5.75	339,347	23,352	6.88	563,637	82,619	14.66
Somali .....	117,383	15,324	13.05	73,526	14,552	19.79	86,255	15,871	18.4	138,880	18,130	13.05
Benshangul-Gumuz .....	66,085	7,621	11.53	21,932	3,167	14.44	14,690	2,563	17.45	18,272	3,073	16.82
SNNP.....	407,631	41,010	10.06	244,554	49,467	20.23	408,505	152,223	37.26	738,388	297,996	40.36
Gambella .....	11,865	2,066	17.41	4,553	1,047	23	4,515	729	16.15	6,015	1,471	24.46
Harari.....	9,188	1,046	11.38	4,951	750	15.14	4,369	790	18.09	3,703	741	20.01
Dire Dawa.....	22,584	2,727	12.08	8,653	992	11.46	8,081	1,554	19.22	14,461	4,002	27.67

Annex Table 4 – Cont'd

**Female Goats**

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	3,860,155	149,680	3.88	2,110,351	113,356	5.37	2,611,384	262,937	10.07	12,743,870	647,237	5.08
Tigray .....	577,479	44,227	7.66	310,193	28,977	9.34	432,789	40,234	9.3	2,154,158	168,656	7.83
Afar .....	461,587	87,959	19.06	289,483	68,955	23.82	339,758	90,626	26.67	1,616,163	354,523	21.94
Amhara .....	960,823	71,754	7.47	429,559	37,908	8.82	389,382	32,406	8.32	2,546,339	166,786	6.55
Oromia.....	1,122,755	61,855	5.51	592,535	41,808	7.06	580,904	39,912	6.87	3,374,447	183,488	5.44
Somali .....	158,549	22,689	14.31	122,651	19,078	15.56	175,132	34,067	19.45	647,227	90,357	13.96
Benshangul-Gumuz .....	66,917	7,410	11.07	36,122	6,133	16.98	44,629	6,284	14.08	162,569	17,346	10.67
SNNP.....	464,825	56,040	12.06	305,105	60,523	19.84	612,710	235,464	38.43	2,076,532	441,033	21.24
Gambella .....	11,960	1,724	14.41	8,417	1,627	19.33	11,105	1,851	16.67	40,587	6,708	16.53
Harari.....	8,804	1,189	13.51	4,778	418	8.76	6,401	829	12.95	30,361	2,467	8.13
Dire Dawa.....	26,456	4,707	17.79	11,509	1,623	14.1	18,574	3,678	19.8	95,486	16,511	17.29

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	208,180	16,807	8.07	854,337	55,961	6.55	206,681	15,576	7.54	888,978	60,050	6.75
Tigray .....	386	245	63.49	1,411	719	50.96	175	127	72.29	1,843	836	45.38
Afar .....	-	-	-	131	130	99.57	-	-	-	-	-	-
Amhara .....	35,690	6,154	17.24	142,610	18,747	13.15	44,614	6,223	13.95	244,596	37,189	15.2
Oromia .....	135,992	14,745	10.84	549,414	49,921	9.09	122,629	13,399	10.93	488,484	43,867	8.98
Somali .....	61	62	100.69	35	35	99.33	61	62	100.69	61	62	100.69
Benshangul-Gumuz .....	370	205	55.37	628	320	51	593	410	69.13	969	584	60.28
SNNP .....	35,681	5,204	14.59	159,305	16,953	10.64	38,609	4,918	12.74	153,025	17,251	11.27
Gambella .....	-	-	-	747	309	41.35	-	-	-	-	-	-
Harari .....	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa .....	-	-	-	55	53	98.04	-	-	-	-	-	-

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	969,529	28,653	2.96	2,987,369	82,117	2.75	934,283	29,009	3.1	3,548,040	84,978	2.4
Tigray .....	92,757	7,089	7.64	342,098	22,683	6.63	95,951	10,242	10.67	307,247	18,449	6
Afar .....	12,269	2,433	19.83	35,420	7,405	20.91	12,023	2,623	21.81	41,944	8,384	19.99
Amhara .....	394,378	18,861	4.78	912,408	49,157	5.39	364,888	18,507	5.07	1,319,923	48,030	3.64
Oromia .....	385,950	18,342	4.75	1,220,250	50,471	4.14	374,193	17,204	4.6	1,466,353	52,929	3.61
Somali .....	11,877	1,834	15.44	63,463	5,656	8.91	12,752	2,330	18.27	51,269	5,648	11.02
Benshangul-Gumuz .....	6,666	1,156	17.34	47,599	6,298	13.23	6,121	1,442	23.56	17,351	3,127	18.02
SNNP .....	63,074	8,233	13.05	352,769	33,696	9.55	65,610	9,142	13.93	329,150	40,723	12.37
Gambella .....	-	-	-	1,598	727	45.47	47	51	107.2	94	97	102.34
Harari .....	932	272	29.21	7,006	1,447	20.66	1,121	332	29.64	4,322	964	22.31
Dire Dawa .....	1,626	272	16.73	4,759	692	14.55	1,575	275	17.45	10,388	1,166	11.23



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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	26,199	3,776	14.41	172,725	13,021	7.54	31,448	4,599	14.62	179,504	12,226	6.81
Tigray .....	315	263	83.6	4,079	1,889	46.32	58	59	100.21	3,182	1,017	31.96
Afar .....	-	-	-	593	434	73.21	-	-	-	316	216	68.43
Amhara .....	16,429	3,343	20.35	65,046	8,932	13.73	22,555	4,247	18.83	81,156	8,870	10.93
Oromia.....	5,653	1,431	25.32	66,190	8,097	12.23	5,708	1,491	26.11	62,562	5,905	9.44
Somali .....	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz .....	-	-	-	765	316	41.34	-	-	-	1,018	344	33.84
SNNP.....	3,802	981	25.8	36,021	4,510	12.52	3,128	941	30.07	31,225	5,893	18.87
Gambella .....	-	-	-	31	30	97.27	-	-	-	45	44	98.61
Harari.....	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	-	-	-	-	-	-	-	-	-	-	-	-

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

Geographic Area	MALE						FEMALE					
	<4YEARS			4YEARS & OLDER			<4YEARS			4YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	132,762	16,718	12.59	270,486	22,843	8.45	192,672	27,486	14.27	613,401	90,467	14.75
Tigray .....	5,494	2,429	44.21	45,861	7,940	17.31	-	-	-	2,993	1,827	61.02
Afar .....	43,377	9,167	21.13	65,811	11,134	16.92	85,424	18,757	21.96	279,534	61,942	22.16
Amhara .....	8,445	4,612	54.61	61,037	11,345	18.59	277	274	98.97	1,435	1,237	86.22
Oromia.....	42,604	11,727	27.52	38,367	9,825	25.61	55,053	16,079	29.21	163,398	55,249	33.81
Somali .....	30,619	5,504	17.98	55,709	10,427	18.72	49,618	11,994	24.17	159,130	35,837	22.52
Benshangul-Gumuz .....	-	-	-	-	-	-	-	-	-	-	-	-
SNNP.....	355	348	97.85	168	166	98.77	178	174	97.85	879	706	80.3
Gambella .....	-	-	-	-	-	-	-	-	-	-	-	-
Harari.....	821	526	64.06	336	286	84.92	1,289	1,062	82.38	2,906	2,069	71.22
Dire Dawa.....	1,047	318	30.33	3,196	838	26.23	834	241	28.89	3,125	1,019	32.62

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

Geographic Area	Total Poultry			Cocks			Cockerels			Pullets			Non-laying Hens			Chicks			Laying Hens		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	59,495,026	967,307	1.63	5,842,973	99,246	1.7	296,265.0	6,679.0	3.24	6,246,339	153,985	2.47	6,28,833	79,220	4.86	2,568,332	541,631	2.4	9,912,284	271,617	1.36
Tigray .....	5,735,973	227,049	3.96	436,229	19,776	4.53	394,174.0	9,663.0	7.53	759,956	49,896	6.57	110,534	17,020	15.4	2,029,765	122,706	6.05	2,005,315	72,926	3.64
Afar .....	197,825	51,133	25.85	17,736	4,778	26.94	13,162.0	4,630.0	35.18	24,130	6,839	28.34	13,596	3,923	28.85	91,737	23,936	26.09	37,465	10,726	28.63
Amhara .....	19,961,861	715,419	3.58	1,602,860	55,480	3.46	1,054,107.0	8,685.0	7.46	2,125,245	108,116	5.09	394,725	41,535	10.52	8,680,336	430,180	4.96	6,104,588	180,951	2.96
Oromia .....	20,408,299	486,209	2.38	2,369,169	62,701	2.65	1,071,092.0	0,186.0	4.69	1,917,935	74,771	3.9	694,964	51,560	7.42	7,008,489	251,369	3.59	7,346,650	157,017	2.14
Somali .....	161,265	31,782	19.71	26,076	4,483	17.19	11,619.0	3,746.0	32.24	17,796	5,792	32.55	13,450	3,721	27.67	46,338	12,870	27.77	45,987	7,541	16.4
Benshangul-Gumuz .....	1,249,578	81,497	6.52	100,776	7,752	7.69	81,339.0	9,782.0	12.03	163,471	16,016	9.8	12,298	3,645	29.64	611,694	44,558	7.28	280,000	15,079	5.39
SNNP .....	11,197,124	352,341	3.15	1,224,318	48,172	3.93	628,127.0	0,471.0	6.44	1,164,059	59,638	5.12	377,845	39,428	10.44	3,881,563	164,476	4.24	3,921,212	102,758	2.62
Gambella .....	385,768	36,185	9.38	44,591	4,770	10.7	30,557.0	4,184.0	13.69	49,244	6,396	12.99	7,593	2,157	28.41	157,453	15,756	10.01	96,330	8,971	9.31
Harari .....	94,371	11,286	11.96	11,648	1,383	11.88	6,922.0	1,871.0	27.03	11,824	2,241	18.95	2,353	776	32.97	30,447	5,282	17.35	31,178	3,050	9.78
Dire Dawa .....	102,963	7,777	7.55	9,570	1,060	11.07	5,167.0	708.0	13.7	12,679	1,615	12.74	1,475	413	28	30,511	3,644	11.94	43,561	3,436	7.89

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

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia .....	6,189,329	280,741	4.54	5,902,624	265,759	4.5	80,832	15,884	19.65	205,873	52,015	25.27
Tigray .....	287,135	28,712	10	229,551	23,840	10.39	13,027	8,647	66.38	44,557	7,148	16.04
Afar .....	415	408	98.32	277	274	99.07	-	-	-	138	137	99.07
Amhara .....	1,438,744	136,932	9.52	1,321,173	107,033	8.1	10,555	3,600	34.11	107,016	48,144	44.99
Oromia .....	2,993,147	208,820	6.98	2,926,564	208,098	7.11	27,951	8,545	30.57	38,632	17,911	46.36
Somali .....	2,529	931	36.8	2,529	931	36.8	-	-	-	-	-	-
Benshangul-Gumuz .....	307,078	78,990	25.72	305,210	78,996	25.88	782	565	72.24	1,086	378	34.84
SNNP .....	1,080,150	92,699	8.58	1,038,938	90,866	8.75	27,074	9,453	34.92	14,137	3,946	27.91
Gambella .....	75,580	28,297	37.44	73,880	28,284	38.28	1,394	1,365	97.89	306	283	92.43
Harari .....	2,173	494	22.71	2,173	494	22.71	-	-	-	-	-	-
Dire Dawa .....	2,379	669	28.11	2,330	669	28.71	49	44	90.29	-	-	-



## **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 2016/17(2009 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	32	32	960	959
	Central Tigray	39	39	1,170	1,168
	Eastern Tigray	29	29	870	870
	Southern Tigray	38	38	1,140	1,138
	Western Tigray	47	44	1,410	1,320
	<b>Region Total</b>	<b>184</b>	<b>182</b>	<b>5,520</b>	<b>5,455</b>
Afar	Zone One	29	29	870	870
	Zone Three	19	19	570	570
	<b>Region Total</b>	<b>48</b>	<b>48</b>	<b>1,440</b>	<b>1,440</b>
Amhara	North Gonder	49	49	1,470	1,466
	South Gonder	45	45	1,350	1,350
	North Wello	46	46	1,380	1,379
	South Wello	49	49	1,470	1,470
	North Shewa	47	45	1,410	1,344
	East Gojam	47	47	1,410	1,406
	West Gojam	46	46	1,380	1,371
	Wag Hemira	29	29	870	869
	Awi	32	32	960	957
	Oromia	28	28	840	840
	Argoba Special Woreda	20	20	600	599
	<b>Region Total</b>	<b>438</b>	<b>436</b>	<b>13,140</b>	<b>13,051</b>
Oromia	West Wellega	43	43	1,290	1,289
	East Wellega	40	40	1,200	1,199
	Illubabor	48	48	1,440	1,436
	Jimma	47	47	1,410	1,410
	West Shewa	44	44	1,320	1,320
	North Shewa	39	39	1,170	1,168
	East Shewa	40	40	1,200	1,199
	Arsi	53	53	1,590	1,584
	West Harerghe	42	41	1,260	1,227
	East Harerghe	47	48	1,410	1,439
	Bale	44	44	1,320	1,313
	Borena	37	37	1,110	1,093
	South West Shewa	38	38	1,140	1,138
	Guji	38	38	1,140	1,137
	West Arsi	36	38	1,080	1,137
	Kelem Wellega	36	36	1,080	1,079
	Horoguduru Wellega	39	35	1,170	1,049
	<b>Region Total</b>	<b>710</b>	<b>709</b>	<b>21,300</b>	<b>21,217</b>

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	599
	Jijiga	28	28	840	839
	Liben	23	21	690	610
	<b>Region Total</b>	<b>71</b>	<b>69</b>	<b>2,130</b>	<b>2,048</b>
Benishangul-Gumuz	Metekel	31	30	930	897
	Asosa	26	26	780	780
	Kemeshi	20	20	600	600
	Maokomo	20	20	600	600
	<b>Region Total</b>	<b>97</b>	<b>96</b>	<b>2,910</b>	<b>2,877</b>
SNNP	Guraghe	41	41	1,230	1,227
	Hadiya	33	33	990	990
	Kembata_Tambaro	33	33	990	987
	Sidama	45	45	1,350	1,348
	Gedeo	33	33	990	990
	Wolayita	39	39	1,170	1,167
	South Omo	36	34	1,080	1,008
	Shaka	24	24	720	716
	Keffa	37	37	1,110	1,102
	Gamo_Gofa	42	42	1,260	1,258
	Benchi_Maji	36	36	1,080	1,077
	Yem Special Wereda	20	20	600	599
	Dawro	32	32	960	958
	Basketo Special Wereda	20	20	600	595
	Konta Special Wereda	20	20	600	600
	Siltie	30	30	900	897
	Alaba Special Wereda	20	20	600	600
	Segen People	40	34	1,200	1,019
	<b>Region Total</b>	<b>581</b>	<b>573</b>	<b>17,430</b>	<b>17,138</b>
Gambella	Agnuak	21	21	630	629
	Nuer	19	19	570	569
	Mezhenger	20	20	600	600
	Etang Special Woreda	10	7	300	210
	<b>Region Total</b>	<b>70</b>	<b>67</b>	<b>2,100</b>	<b>2,008</b>
Harari	<b>Harari</b>	24	24	720	720
Dire Dawa	<b>Dire Dawa</b>	24	24	720	719
Country Total		<b>2,247</b>	<b>2,228</b>	<b>67,410</b>	<b>66,673</b>

## **APPENDIX II**

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

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

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

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

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

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

Where:

$h$  represents the stratum

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

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

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

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

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

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

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

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

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

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

for characteristic  $z$  and  $x$ , respectively.



### 3. Sampling Variance of Estimates:

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

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

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

Where,

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**APPENDIX III**  
**Survey Questionnaire**

**Annual Agricultural Sample Survey**  
**Livestock and Beehives Population - 2016/17 (2009 E.C.)**

**Part I - Identification Particulars**

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

**PART II - LIVESTOCK POPULATION AND PRODUCTS****QST I - Did You Have Livestock and/or Beehives on November 10, 2015?**
☐ Yes Complete questions below

☐ No – End of the question
**Number of Cattle by Age and Purpose on Nov 10, 2015**

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

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

Form AGSS – 2009/7 Cont'd

Number of Sheep by Age and Purpose on Nov 10, 2015

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

Number of Goats by Age and Purpose on Nov 10, 2015

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

Form AGSS –2009/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2015

Horses

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

None


Total	
124	
127	
130	
133	
136	
139	

Male	
125	
128	
131	
134	
137	
140	

Female	
126	
129	
132	
135	
138	
141	

Mules

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

None


Total	
142	
145	
148	
151	
154	
157	

Male	
143	
146	
149	
152	
155	
158	

Female	
144	
147	
150	
153	
156	
159	

Donkeys

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

None


Total	
160	
163	
166	
169	
172	
175	

Male	
161	
164	
167	
170	
173	
176	

Female	
162	
165	
168	
171	
174	
177	

Camels

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

None


Total	
178	
181	
184	
187	
190	
193	
195	
198	

Male	
179	
182	
185	
188	
191	
209	
196	
199	

Female	
180	
183	
186	
189	
192	
194	
197	
200	

**Form AGSS – 2009/7 Cont'd**

**Poultry**

8. Poultry total on **Nov 10, 2015**

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

None


Total

201	
205	
209	
213	
217	
221	
225	

Indigenous

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

Hybrid

Exotic

**QST II- Did You Have Livestock During The Reference Period (Nov 11, 2014 to Nov 10, 2015)?**

**Yes=1 No=2**

--

Yes Complete questions below

No – End of the question

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

- a. Traditional Beehives \_\_\_\_\_
- b. Intermediate Beehives \_\_\_\_\_
- c. Modern Beehives \_\_\_\_\_

None


Total

229	
230	
231	
232	

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

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

233	
234	
235	
236	
237	
238	

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

## 11. Dairy cows and Camels

	None		
a. Cows that gave milk during the reference Period _____		239	
b. Average number of months cows actually milked _____		240	
c. Average lactation period of cows in months _____		241	
d. Milk production per day per cow in liters _____		242	
e. Camels that gave milk during the reference period _____		243	
f. Average number of months camels actually milked _____		244	
g. Average lactation period of camels in months _____		245	
h. Milk production per day per camel _____		246	

	None	Indigenous	Hybrid	Exotic
12. Egg production per hen per clutch _____		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		
		Afflicted/Diseased			Total Treated		
Sr. No.	Livestock Type	Total	Male	Female	Total	Male	Female
1	Cattle						
2	Sheep						
3	Goats						
4	Horses						
5	Donkeys						
6	Mules						
7	Camel						
8	Poultry						



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

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

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

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

## 18. Livestock Feeds utilized during the reference period

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

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

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

Yes=1    No=2

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

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