

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

**AGRICULTURAL SAMPLE SURVEY
2014/15 [2007 E.C.]**

VOLUME II

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



**ADDIS ABABA
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Table of Contents

	Page
CHAPTER I.INTRODUCTION AND OBJECTIVES OF THE SURVEY---	1
1.1 Introduction -----	1
1.2 Objectives of the Survey-----	2
 CHAPTER II.SURVEY METHODOLOGY AND OPERATIONS-----	 3
2.1 Coverage -----	3
2.2 Sampling Frame-----	3
2.3 Sample Design-----	3
2.4 Selection Procedure-----	4
2.5 Basic Concepts and Definitions-----	5
2.6 Field Organization-----	6
2.7 Training of Field Staff-----	7
2.8 Method of Data Collection-----	7
2.9 Data Processing -----	8
2.9.1 Editing, Coding, and Verification-----	8
2.9.2 Data Entry, Cleaning, and Processing-----	8
 CHAPTER III.SUMMARY OF THE SURVEY RESULTS-----	 9
3.1 LIVESTOCK NUMBER BY BREED, AGE, SEX, AND PURPOSE--	9
3.1.1 Cattle Population-----	9
3.1.2 Sheep and Goat Populations-----	12
3.1.3 Horse, Donkey, Mule, and Camel Populations-----	16
3.1.4 Poultry Population-----	20
3.1.5 Beehive Population-----	22
3.2 NUMBERS OF BIRTHS, PURCHASES, AND ACQUIRED ANIMALS BY TYPE -----	23
3.3 NUMBERS OF SALES, SLAUGHTERS, DEATHS, AND OFFERINGS BY TYPE -----	24
3.4 LIVESTOCK PRODUCTS-----	27
3.4.1 Milk Production-----	27
3.4.2 Honey Production-----	28

3.4.3 Egg Production-----	28
3.5 LIVESTOCK VACCINATION, DISEASES, AND TREATMENT -----	29
3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK-----	31
3.7 ANIMAL FEED-----	33
3.8 LIVESTOCK EXTENSION-----	35
Statistical Tables-----	37
Annex Tables-----	164
Appendix I-----	174
Appendix II-----	177
Appendix III -----	181

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 2014/15 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, 2014 or Hidar 1, 2007 E.C.) and reference period (November 11, 2013 to November 10, 2014 or Hidar 2, 2006 E.C. to Hidar 1, 2007 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 2014/15 (2007 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, Moreover Mezhenger zone in Gambela region due to various reasons and we used for Mezhenger zone last year data to look at the picture of Gambela region.

To be covered by the survey, a total of 2,250 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 23 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,227 EAs (98.98%) 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 67,500 agricultural households, however, 66,556 (98.60%) were actually covered by the survey.

2.2 SAMPLING FRAME

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

2.3 SAMPLE DESIGN

A two stage stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were enumeration areas and second

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

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

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

2.4 SELECTION SCHEME

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

Distribution of sampling units (sampled and covered EAs) by stratum is also presented in Appendix-I. Moreover, estimation procedures of different estimates

are provided in the Appendix II. Estimates of Standard Errors and Coefficient of Variations for selected estimates are also presented in the *Annex Tables 1-10*.

2.5 BASIC CONCEPTS AND DEFINITIONS

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

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

Households: A household may be either;

- a) A one person household, that is a person who makes provision for his own food or other essentials for living without combining with any other person to form part of a multi person household or
- b) A multi person household, that is, a group of two or more persons who live together and make common provision for food or other essentials for living. The persons in the group may pool their incomes and have a common budget to greater or lesser extent. They may be related or unrelated persons, or a combination of both.

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

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

Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without help of others, operates land or raises livestock in his own right, i.e. the person who decides on what, when, where and how to grow crops or raise livestock and has right to determine the utilization of the products.

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

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

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

Milking Cow: Refers to cows actually milked during the year, Nov 11, 2012 to Nov 10, 2013.

Meat Animals: Cattle, sheep, goats, and camels reared only for meat either for home consumption and/or for sale, are defined as meat animals.

Laying Hens: Refer to all hens and pullets of all types that laid eggs during the reference period, Nov 11, 2012 to Nov 10, 2013.

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, 2014 (Hidar 1/2007 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 2014/15 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, 2014), 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 56.71 million. Out of this total cattle population, the female cattle constitute about 55.45 percent and the remaining 44.55 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63.52 percent) is in the 3 years and less than 10 years age category, with about 27.59 percent male and about 35.92 percent female. Moreover, about 16.72 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 2.07 percent of the total estimated number of cattle population (also see Fig III.1).

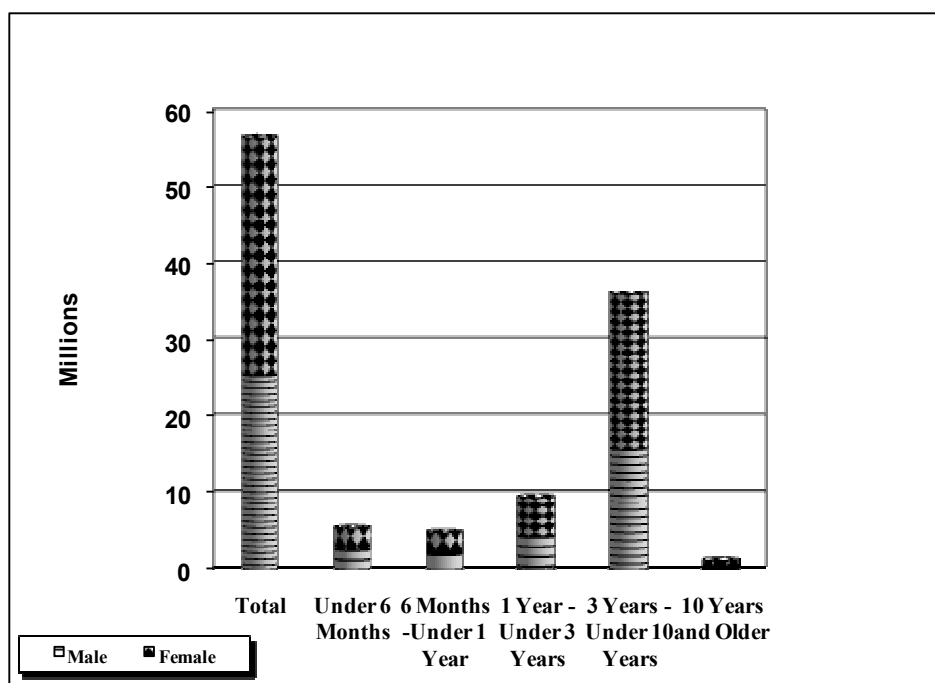
On the other hand, the results obtained indicated that 98.66 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 1.19 percent and 0.14 percent, respectively. Moreover,

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 25.27 percent and the percentage share of beef cattle is the lowest that is about 0.79 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 - 2014/15

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total.....	56,706,389	100	25,262,989	44.55	31,443,399	55.45
Under 6 months.....	5,273,917	9.3	2,526,365	4.46	2,747,552	4.85
6 months - under 1 year	4,760,138	8.39	2,262,429	3.99	2,497,709	4.4
1 year – under 3 years	9,478,697	16.72	4,213,585	7.43	5,265,112	9.28
3 years – under 10 years.....	36,017,786	63.52	15,646,158	27.59	20,371,628	35.92
10 years and older	1,175,851	2.07	614,453	1.08	561,399	0.99
Cattle by Breed						
Total.....	56,706,389	100	25,262,989	44.55	31,443,399	55.45
Indigenous.....	55,948,702	98.66	24,975,627	44.04	30,973,075	54.62
Hybrid.....	676,748	1.19	263,424	0.46	413,324	0.73
Exotic.....	80,939	0.14	23,938	0.04	57,001	0.1
Aged 3 – 10 Years by Purpose						
Total.....	36,017,786	63.52	15,646,158	27.59	20,371,628	35.92
Used for Milk.....	6,497,362	11.46			6,497,362	11.46
Used for Draught	14,331,739	25.27	14,147,154	24.95	184,585	0.33
Used for Beef.....	445,407	0.79	365,854	0.65	79,553	0.14
Used for Breeding	13,089,007	23.08	565,078	1	12,523,928	22.09
Used for Other	1,654,271	2.92	568,071	1	1,086,200	1.92
Dairy Animals						
Dairy Cows	6,497,362	11.46			6,497,362	11.46
Milking Cows	11,381,972	20.07			11,381,972	20.07

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



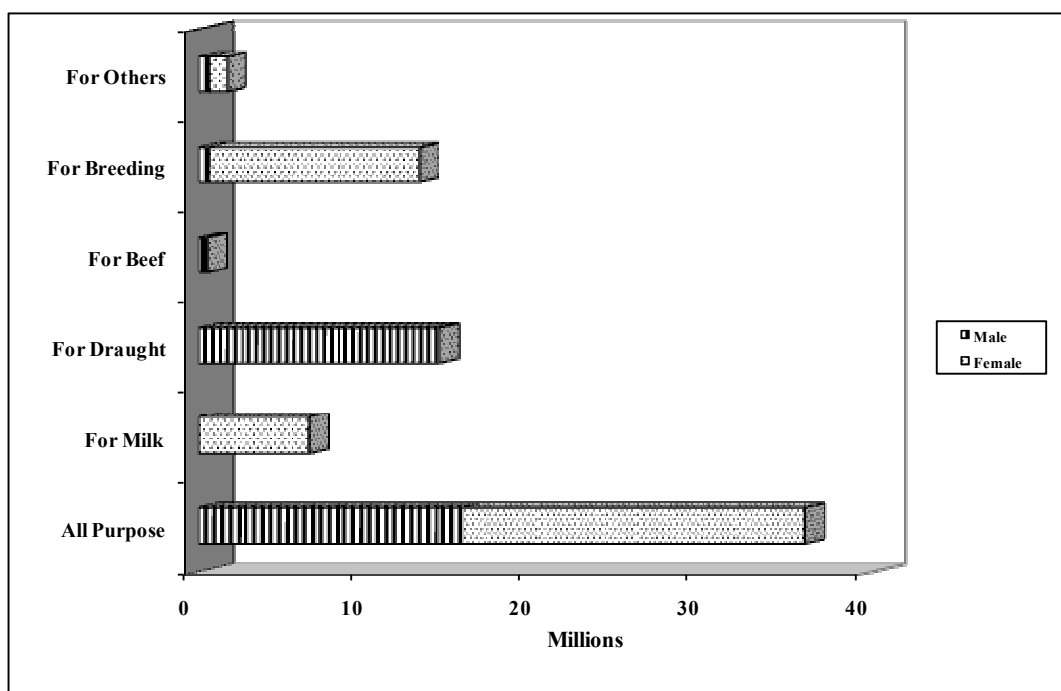
Dairy-cows¹ are estimated to be around 6.50 million and milking-cows² are about 11.38 million heads during the reference period.

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

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

²A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2013 to Nov. 10, 2014).

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



3.1.2 Sheep And Goat Populations

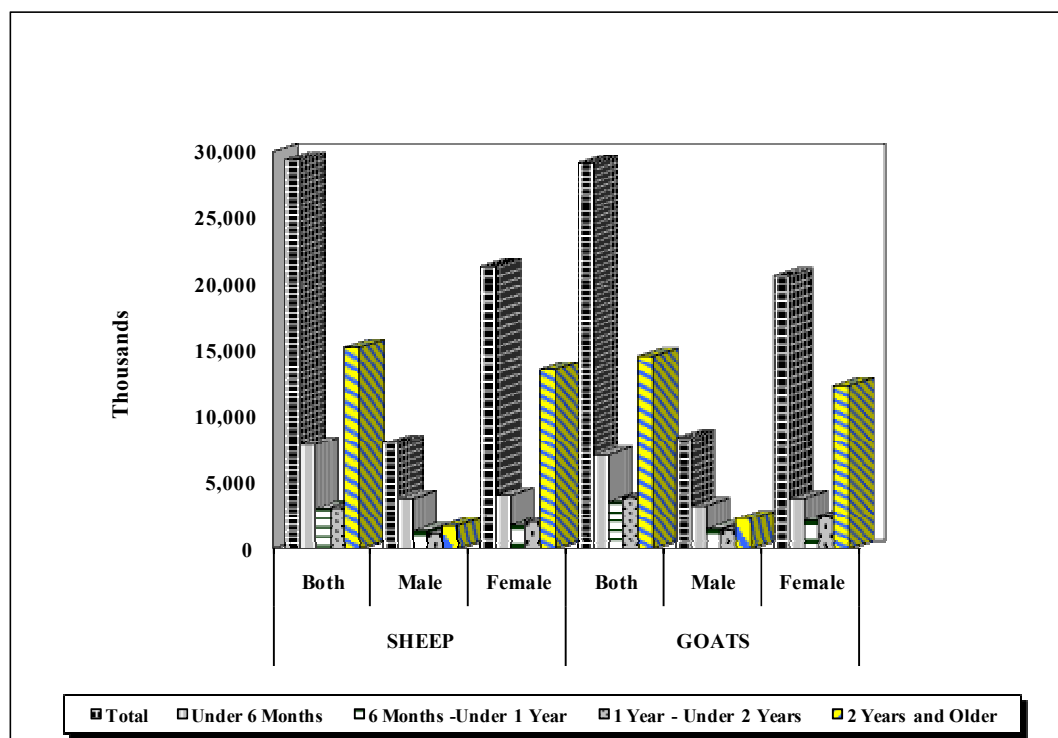
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 29.33 million sheep are estimated to be found in the country, out of which about 72.77 percent are females, and about 27.23 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 29.11 million. Out of these total goats, 71.08 percent are females and about 28.92 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 - 2014/15

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep	29,332,382	100	7,987,110	27.23	21,345,272	72.77
Under 6 months.....	7,847,302	26.75	3,799,105	12.95	4,048,196	13.8
6 months - under 1 year.....	3,086,627	10.52	1,325,710	4.52	1,760,917	6
1 year - under 2 years.....	3,148,190	10.73	1,131,699	3.86	2,016,491	6.87
2 years and older	15,250,263	51.99	1,730,596	5.9	13,519,667	46.09
Sheep by Breed						
Total	29,332,382	100	7,987,110	27.23	21,345,272	72.77
Indigenous	29,267,151	99.78	7,960,925	27.14	21,306,226	72.64
Hybrid	49,753	0.17	21,484	0.07	28,269	0.1
Exotic	15,478	0.05	4,702	0.02	*	*
Sheep Aged 2 Years and Older by Purpose						
Total	15,250,263	51.99	1,730,596	5.9	13,519,667	46.09
Used for Mutton	746,657	2.55	696,023	2.37	50,633	0.17
Used for Wool.....	65,762	0.22	9,306	0.03	56,456	0.19
Used for Breeding	14,256,863	48.6	927,384	3.16	13,329,478	45.44
Used for Other.....	180,982	0.62	97,882	0.33	83,100	0.28
Total Goats.....	29,112,963	100	8,419,932	28.92	20,693,030	71.08
Under 6 months...	7,070,022	24.28	3,275,989	11.25	3,794,032	13.03
6 months - under 1 year.....	3,574,321	12.28	1,465,650	5.03	2,108,672	7.24
1 year - under 2 years.....	3,887,816	13.35	1,383,403	4.75	2,504,412	8.6
2 years and older	14,580,804	50.08	2,294,890	7.88	12,285,914	42.2
Goats by Breed						
Total	29,112,963	100	8,419,932	28.92	20,693,030	71.08
Indigenous	29,102,308	99.96	8,415,047	28.9	20,687,260	71.06
Hybrid	*	*	*	*	4,087	0.01
Exotic	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total	14,580,804	50.08	2,294,890	7.88	12,285,914	42.2
Used for Milk	844,950	2.9			844,950	2.9
Used for Meat.....	744,594	2.56	698,314	2.4	46,280	0.16
Used for Breeding	12,843,874	44.12	1,501,180	5.16	11,342,694	38.96
Used for Other.....	147,387	0.51	95,396	0.33	51,990	0.18

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (51.99 percent and 50.08 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26.75 percent and 24.28 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 (99.78 percent and 99.96 percent, respectively).

Summary Table III.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the country. The percentages of both sheep and goats kept for mutton and meat are significantly higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (51.99 % of the total sheep), 48.6 percent are kept for breeding; about 2.55 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 (50.08 % of the total), goats kept for breeding accounted for about 44.12 percent while goats kept for meat accounted for 2.56 percent. The number of female goats kept for milk at country level is estimated to be about 845 thousand, which is 2.9 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

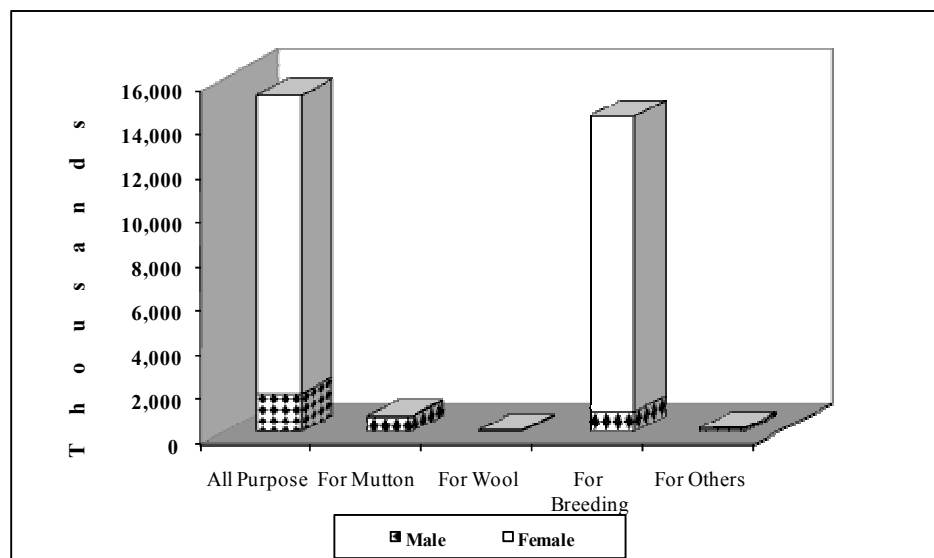
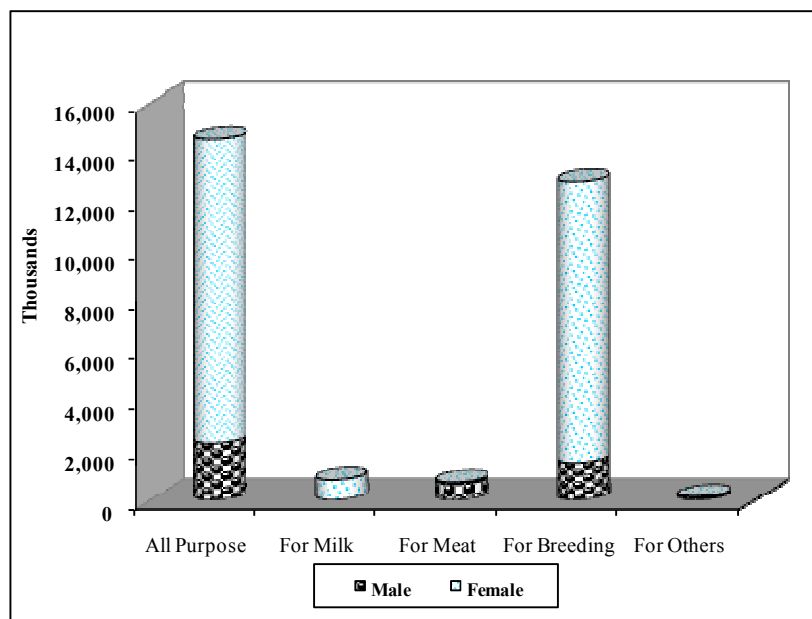


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 2.03 million horses, 7.43 million donkeys, 0.4 million mules, and about 1.16 million camels in the sedentary areas of the country.

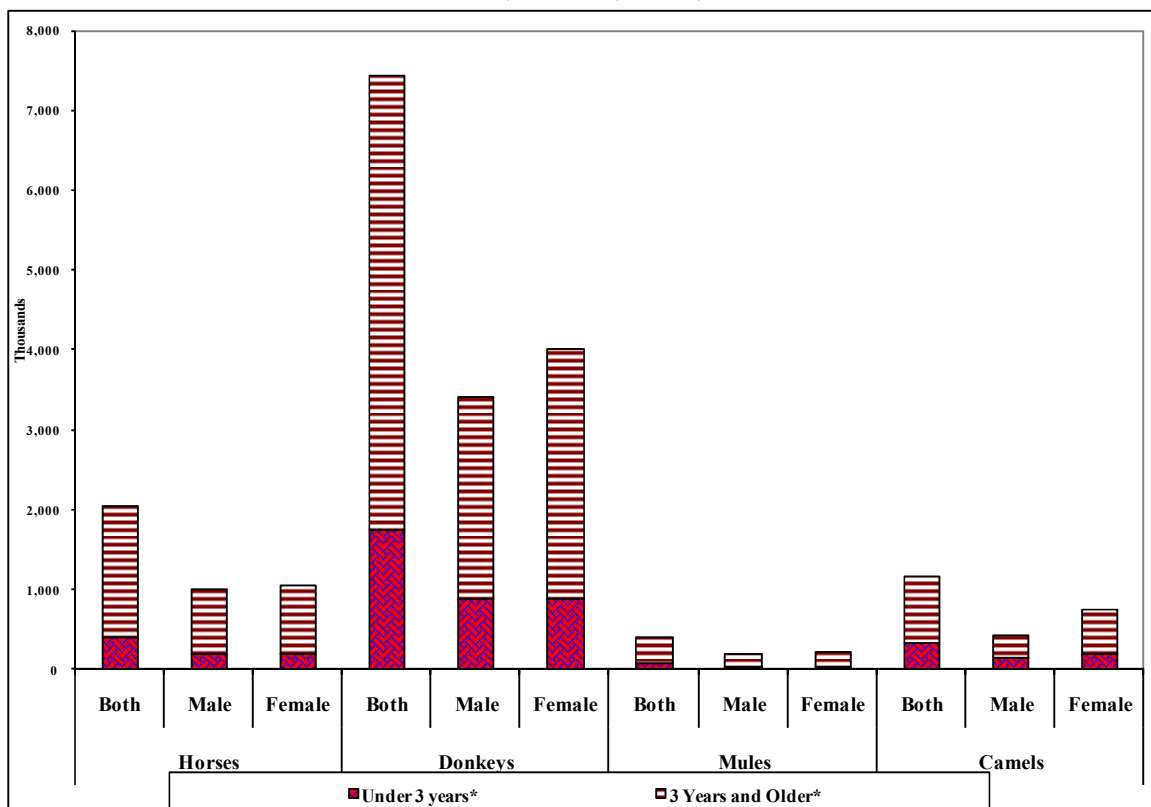
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 50.78 percent are females and the remaining 49.22 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 73.22 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 1.25 million were used for transportation, 0.22 million were for draught and the remaining 0.18 million were used for other purposes. With regard to donkeys, about 4.58 million were used for transportation whereas about 0.83 million and 0.27 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 - 2014/15**

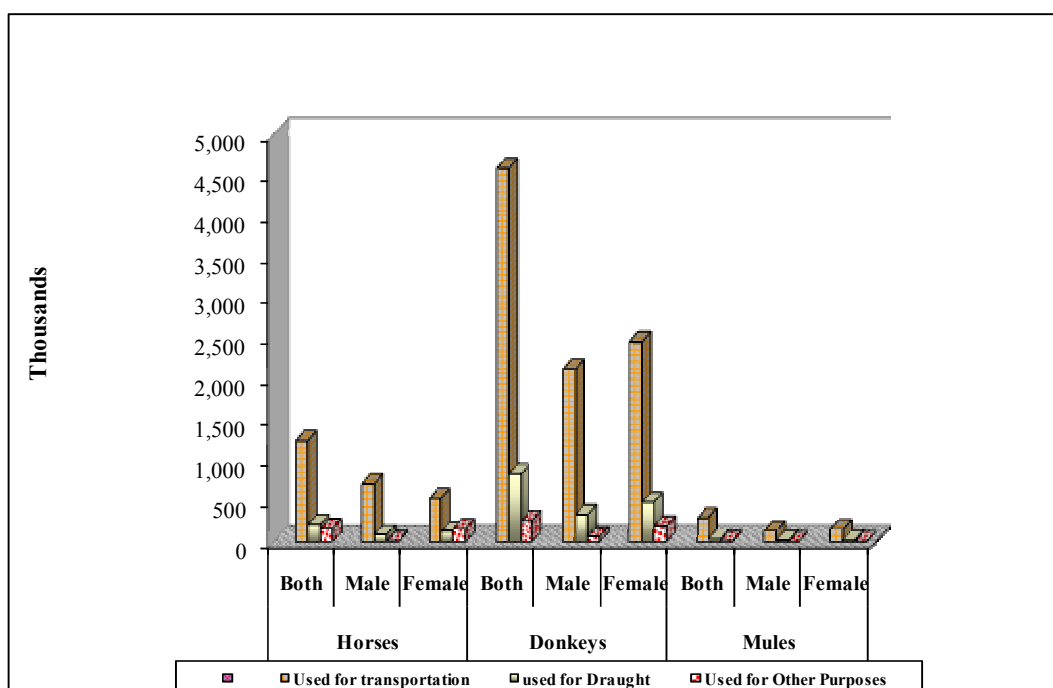
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses.....	2,033,115	100	1,000,784	49.22	1,032,331	50.78
Under 3 Years	385,126	18.94	191,629	9.43	193,497	9.52
3 years and older	1,647,989	81.06	809,155	39.8	838,834	41.26
Horses Aged 3 Years and Older by Purpose						
All Uses	1,647,989	81.06	809,155	39.8	838,834	41.26
Transportation	1,251,449	61.55	712,020	35.02	539,429	26.53
Draught	221,477	10.89	89,425	4.4	132,052	6.5
Other Uses.....	175,063	8.61	7,710	0.38	167,352	8.23
Total Donkeys.....	7,428,037	100	3,413,413	45.95	4,014,624	54.05
Under 3 Years.....	1,744,799	23.49	878,673	11.83	866,126	11.66
3 years and older	5,683,238	76.51	2,534,740	34.12	3,148,498	42.39
Donkeys Aged 3 Years and Older by Purpose						
All Uses	5,683,238	76.51	2,534,740	34.12	3,148,498	42.39
Transportation	4,583,828	61.71	2,127,880	28.65	2,455,948	33.06
Draught	832,114	11.2	341,380	4.6	490,734	6.61
Other Uses.....	267,296	3.6	65,480	0.88	201,816	2.72
Total Mules.....	400,329	100	190,956	47.7	209,373	52.3
Under 3 Years	56,226	14.04	29,670	7.41	26,556	6.63
3 years and older	344,103	85.96	161,286	40.29	182,817	45.67
Mules Aged 3 Years and Older by Purpose						
All Uses	344,103	85.96	161,286	40.29	182,817	45.67
Transportation	303,301	75.76	140,685	35.14	162,616	40.62
Draught	32,663	8.16	17,174	4.29	15,488	3.87
Other Uses.....	8,139	2.03	3,426	0.86	4,713	1.18
Total Camels.....	1,164,106	100	414,430	35.6	749,676	64.4
Under 4 Years	311,711	26.78	140,422	12.06	171,289	14.71
4 years and older	852,394	73.22	274,008	23.54	578,386	49.68
Camels Aged 4 Years and Older by Purpose						
All Uses	852,394	73.22	274,008	23.54	578,386	49.68
Meat	22,607	1.94	19,166	1.65		
Milk.....	306,940	26.37			306,940	26.37
Transportation.....	209,661	18.01	186,240	16	23,421	2.01
Draught	18,818	1.62	17,777	1.53		
Other Uses	294,368	25.29	50,825	4.37	243,543	20.92

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



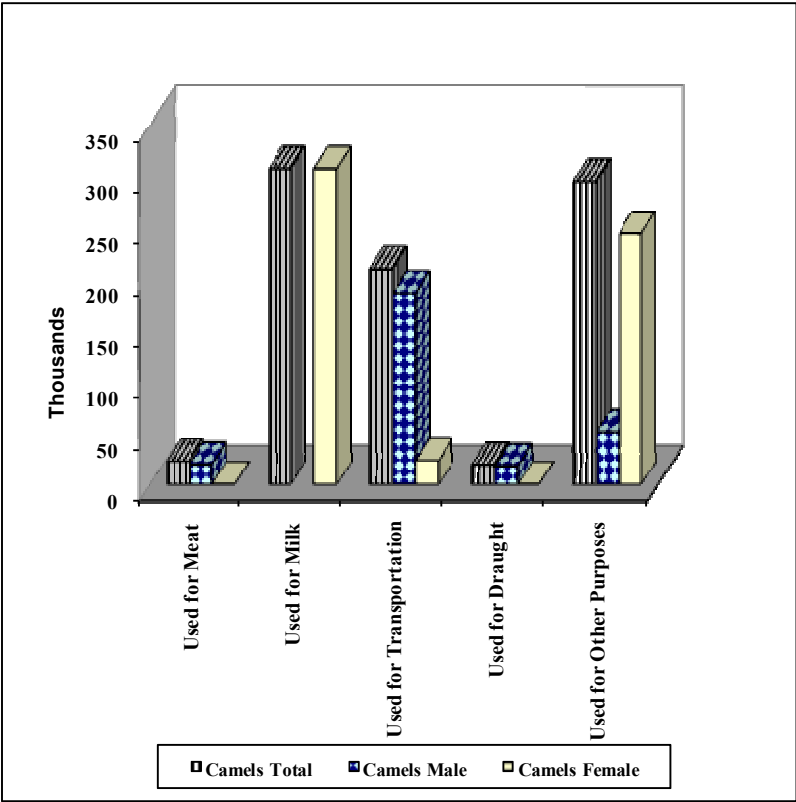
* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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

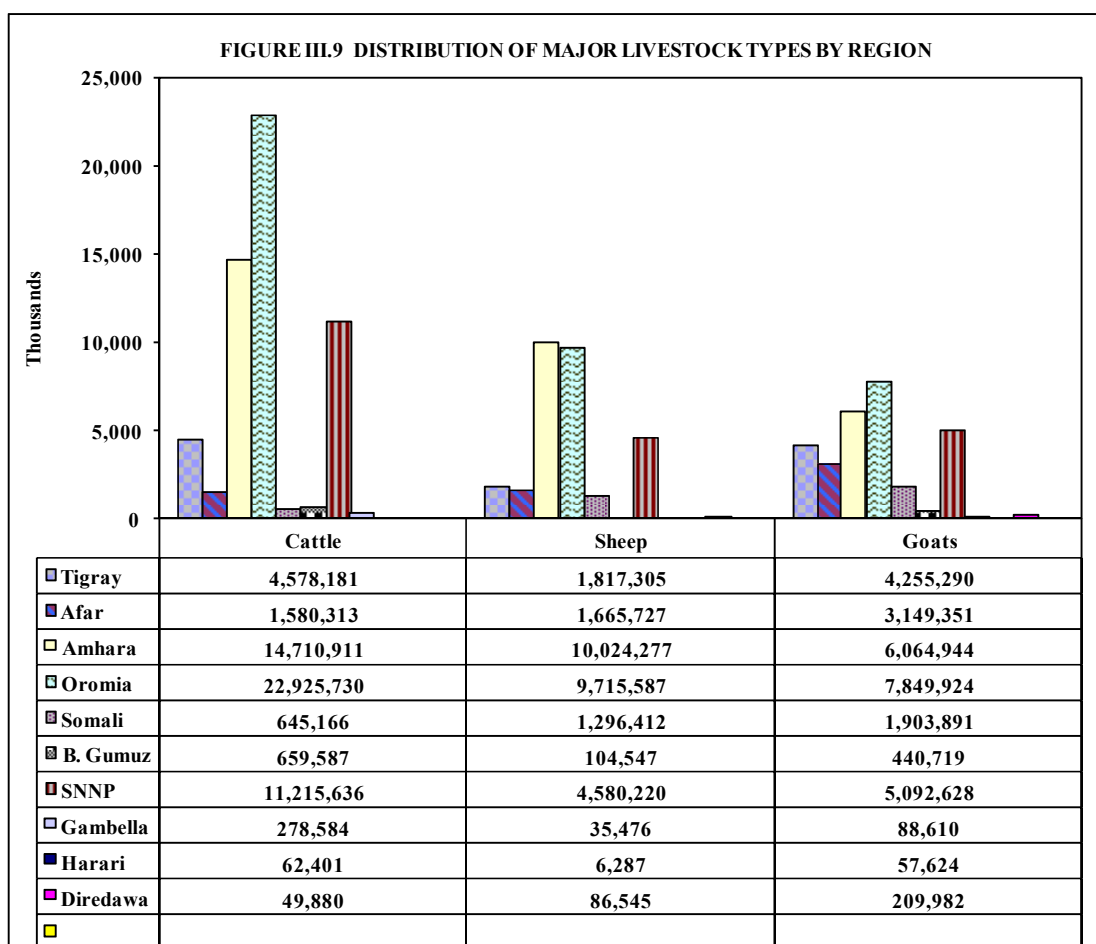


Considering the purpose of the mules, the data shows that the predominance (75.76%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 26.37 percent of the camels reported were kept for milk, 18.01 percent were for transportation, and only 1.62 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 22.61 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.



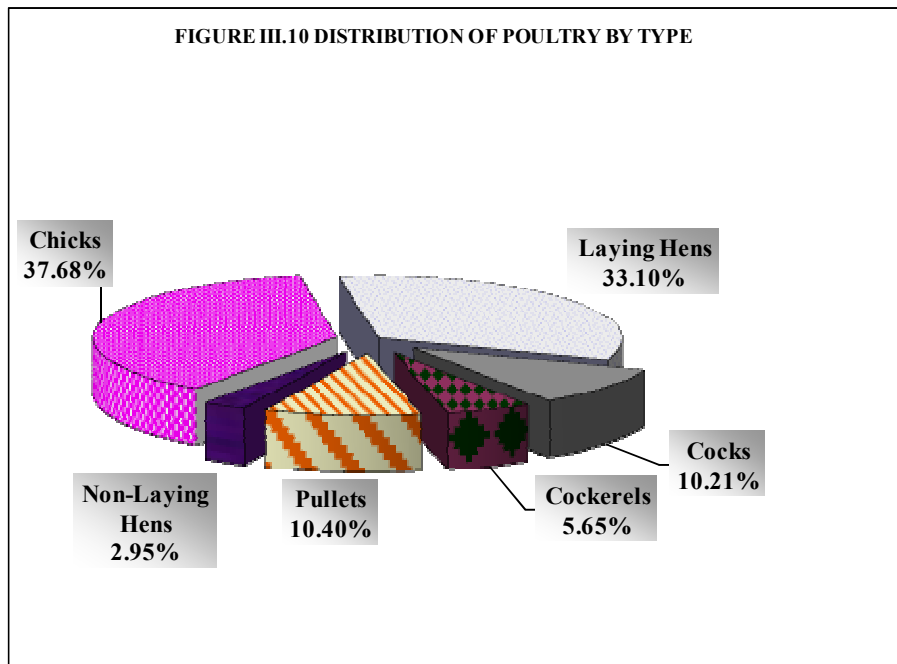
3.1.4 Poultry Population

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 56.87 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (37.68 percent), followed by laying hens (33.1 percent). Pullets are estimated to be about 5.91 million in the country. Cocks and cockerels are also estimated separately, and are 5.81 million and about 3.21 million, respectively. The others are non-laying hens that make up about 2.95 percent (1.68 million) of the total poultry population in the country. With regard to breed, 95.86 percent, 2.79 percent and 1.35 percent of the total poultry were reported to be indigenous, hybrid and

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

SUMMARY TABLE III.4: Estimated Number of Poultry by Type and Breed,
Ethiopia - 2014/15

Type of Poultry	All		Indigenous		Exotic		Hybrid	
	Number	%	Number	%	Number	%	Number	%
All Poultry.....	56,866,719	100	54,510,523	95.86	770,052	1.35	1,586,144	2.79
Cocks.....	5,807,609	10.21	5,559,948	9.78	82,381	0.14	165,281	0.29
Cockerels.....	3,214,333	5.65	3,087,998	5.43	18,698	0.03	107,637	0.19
Pullets.....	5,914,054	10.4	5,591,139	9.83	128,112	0.23	194,803	0.34
Non-Laying Hens	1,679,687	2.95	1,602,366	2.82	35,956	0.06	41,366	0.07
Chicks	21,429,389	37.68	20,899,205	36.75	41,705	0.07	488,479	0.86
Laying Hens	18,821,646	33.1	17,769,868	31.25	463,200	0.81	588,579	1.04



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).

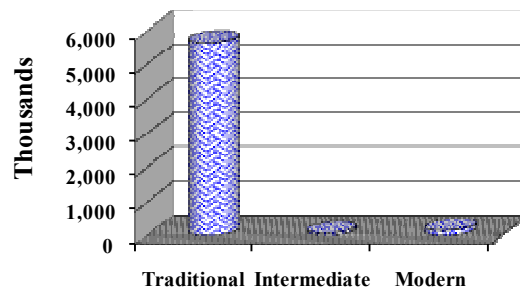
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept 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 11, 2013 to November 10, 2014). Accordingly, the result of the survey revealed that a total of about 5.89 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (96.23 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,
Ethiopia - 2014/15

Type of Beehive	Number	%
All Beehives	5,885,263	100
Traditional Beehives	5,663,492	96.23
Intermediate Beehives.....	71,900	1.22
Modern Beehives.....	149,871	2.55

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 92.27 million chickens, 12.71 million sheep, 12.09 million goats and 10.57 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 23.85 million animals (either to build their stock or for some other reasons) and acquired about 2.48 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 - 2014/15

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	10,574,602	5,056,905	5,517,697	4,171,485	2,595,042	1,576,443	734,103	288,521	445,582
Sheep.....	12,712,314	6,044,806	6,667,508	4,800,254	2,511,521	2,288,733	546,432	109,877	436,555
Goats	12,094,738	5,449,956	6,644,782	2,435,851	964,365	1,471,486	487,359	107,455	379,904
Horses.....	195,783	97,624	98,160	214,592	122,670	91,923	16,245	2,849	13,396
Donkeys	686,030	351,170	334,860	732,189	417,954	314,235	36,383	11,124	25,259
Mules.....	31,382	15,227	16,155	67,131	30,221	36,909	2,049	*	*
Camels.....	173,854	73,736	100,118	37,460	28,067	9,393	2,647	*	1,872
Poultry	92,266,490	43,752,252	48,514,238	11,393,166	4,895,124	6,498,042	654,077	157,143	496,933

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 14.43 million chickens, 6.87 million sheep, 5.82 million cattle and about 5.12 million goats were sold and about 22.33 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 71.88 million animals and households have also offered about 1.97 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 - 2014/15

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	5,818,893	3,686,670	2,132,223	396,986	208,449	188,537	3,231,346	1,333,136	1,898,211	625,523	255,334	370,189
Sheep.....	6,873,271	3,820,755	3,052,516	3,318,420	2,428,358	890,062	4,369,827	1,400,350	2,969,476	342,172	93,750	248,422
Goats	5,121,410	2,743,989	2,377,421	2,448,134	1,682,060	766,074	4,900,182	1,737,578	3,162,604	357,941	103,781	254,159
Horses.....	134,427	87,062	47,365				176,745	86,645	90,100	11,875	3,541	8,334
Donkeys	429,099	253,581	175,518				426,940	203,062	223,878	27,931	10,931	17,000
Mules.....	35,719	17,081	18,639				18,231	10,599	7,631	*	*	*
Camels.....	44,783	34,851	9,932				41,195	18,113	23,082	3,672	*	2,650
Poultry	14,434,702	7,939,877	6,494,826	16,161,132	9,912,556	6,248,576	58,715,090	25,923,965	32,791,125	602,639	206,300	396,339

* 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 3.07 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 233.85 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 1.35 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 4.08 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 48.71 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 1.63, 1.67, and 1.62 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 106.57 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, 31 and 129 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, 25 and 107 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2014/15**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...	1.349		
Average Lactation Period (Months)	6		
Total Milk Production (Liters)	3,071,977,015		
Camel Milk			
Average Daily Milk Production (Liters/Camel)...	4.077		
Average Lactation Period (Months)	9		
Total Milk Production (Liters)	233,845,521		
Honey Production			
All Types of Beehives (Number).....	5,885,263		
Production (Kilograms)	48,711,892		
Average Frequency (Harvests/Year)	1.63		
Traditional Beehives (Number).....	5,663,492		
Production (Kilograms)	44,280,365		
Average Frequency (Harvests/Year).....	1.63		
Intermediate Beehives (Number).....	71,900		
Production (Kilograms)	927,639		
Average Frequency (Harvests/Year).....	1.67		
Modern Beehives (Number).....	149,871		
Production (Kilograms)	3,503,889		
Average Frequency (Harvests/Year).....	1.62		
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year	4	5	-
Average Length of a Period (in days).....	21	31	129
Average Number of Eggs/Hen/Period.....	12	25	107
Total Egg Production (Number).....	93,801,389	7,604,939	5,164,479

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 - 2014/15**

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax ³	Blackleg ⁴	Pleuro-Pneumonia ⁵	Hemorrhagic Septicemia ⁶	Others
Cattle	30,598,305	10,009,138	9,957,019	2,613,921	4,599,678	3,418,549
Sheep	6,055,826	1,094,527	660,697	1,359,964	1,483,975	1,456,664
Goats	6,726,123	1,015,493	593,529	2,193,298	1,841,879	1,081,924
Camels	103,356	*	14,668	18,127	9,689	18,134
Total	43,483,610	12,161,895	11,225,913	6,185,311	7,935,221	5,975,271

**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and
Treated, Ethiopia - 2014/15**

Item	Number	%
Total Afflicted	50,839,954	100
Cattle	8,748,948	17.21
Sheep	5,538,743	10.89
Goats	5,724,711	11.26
Horses, Donkeys, and Mules	1,215,142	2.39
Camels	86,499	0.17
Poultry	29,525,910	58.08
Total Treated	13,470,669	100
Cattle	5,807,307	43.11
Sheep	2,337,809	17.35
Goats	1,827,725	13.57
Horses, Donkeys, and Mules	661,600	4.91
Camels	31,288	0.23
Poultry	2,804,940	20.82

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 43.48 million. Out of these animals, about 70.37 percent were cattle followed by goats, which took about 15.47 percent share. Sheep also accounted for about 13.93 percent of the total vaccinated animals. The survey results revealed that about 103.36 thousand camels was vaccinated during the reference period.

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

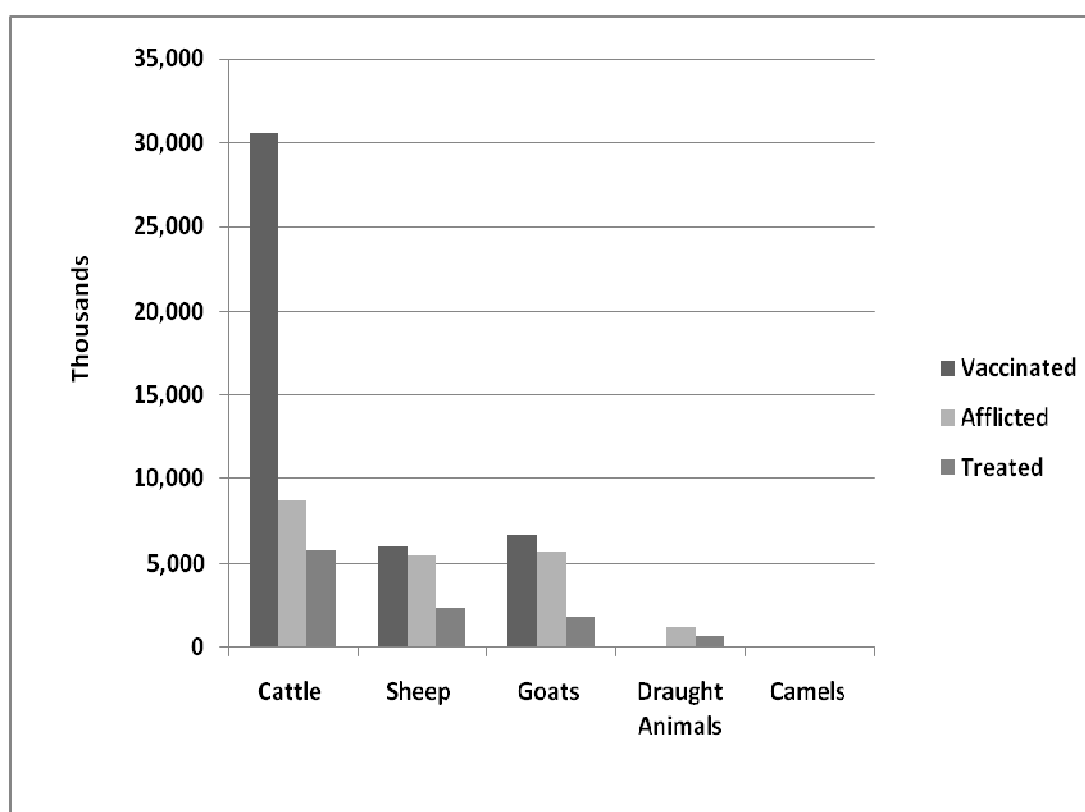
⁴ Blackleg- is an infectious bacterial disease of farm animals that causes swellings on the legs.

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

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

As indicated in Summary Tabel III.9b, about 50.84 million animals were diseased / afflicted by different types of diseases during the reference period and only about 13.47 million of them were treated. The cattle constituted about 43.13 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 LIVESTOCK⁷

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).

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

Most of the holdings, about 51.19 percent, reported one to four cattle and considerable portion (20.58 percent) of the holdings possess five to nine cattle. About 22.58 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

Summary Table III.10a: Number of Holdings by Size of Cattle,
Ethiopia - 2014/15

Size	Number of Holdings	%
All Holdings.....	16,529,949	100
Holdings with no Cattle...	3,731,838	22.58
1-2 Head.....	4,324,558	26.16
3-4 Head.....	4,137,377	25.03
5-9 Head.....	3,401,497	20.58
10-19 Head.....	786,479	4.76
20-49 Head.....	133,019	0.8
50-99 Head.....	13,526	0.08
100-199 Head.....	1,655	0.01
>=200 Head.....	-	-

The result of the survey also revealed that about 21.19 percent and 15.71 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 65.54 percent and about 72.66 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 – 2014/15

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	16,529,949	100	16,529,949	100
Holdings with no Sheep/Goats.	10,833,489	65.54	12,011,096	72.66
1-4 Head.....	3,503,252	21.19	2,597,587	15.71
5-9 Head.....	1,534,364	9.28	1,183,988	7.16
10-49 Head.....	643,936	3.9	698,710	4.23
50-99 Head.....	14,122	0.09	29,160	0.18
100-199 Head.....	454	*	8,518	0.05
200-499 Head.....	332	*	890	0.01
>=500 Head.....	-	-	-	-

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 98.43 percent, 97.8 percent, 92.08 percent, and 69.12 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 - 2014/15

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	16,529,949	100	16,529,949	100	16,529,949	100	16,529,949	100
Holdings with no Animals.	15,221,565	92.08	11,426,065	69.12	16,165,943	97.8	16,270,922	98.43
1-2 Head.....	1,152,334	6.97	4,680,815	28.32	358,537	2.17	155,705	0.94
3-4 Head.....	134,714	0.81	392,097	2.37	5,264	0.03	35,994	0.22
5-9 Head.....	19,348	0.12	30,343	0.18	205	*	36,355	0.22
>= 10 Head.....	1,988	0.01	629	*	-	-	30,973	0.19

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

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2014/15

Size	Number of Holdings	%
All Holdings.....	16,529,949	100
Holdings with no Poultry...	6,972,315	42.18
1-9 Head.....	7,691,189	46.53
10-49 Head.....	1,861,382	11.26
50-99 Head.....	4,962	0.03
100-199 Head.....	101	*
200-499 Head.....	-	-

3.7 ANIMAL FEED

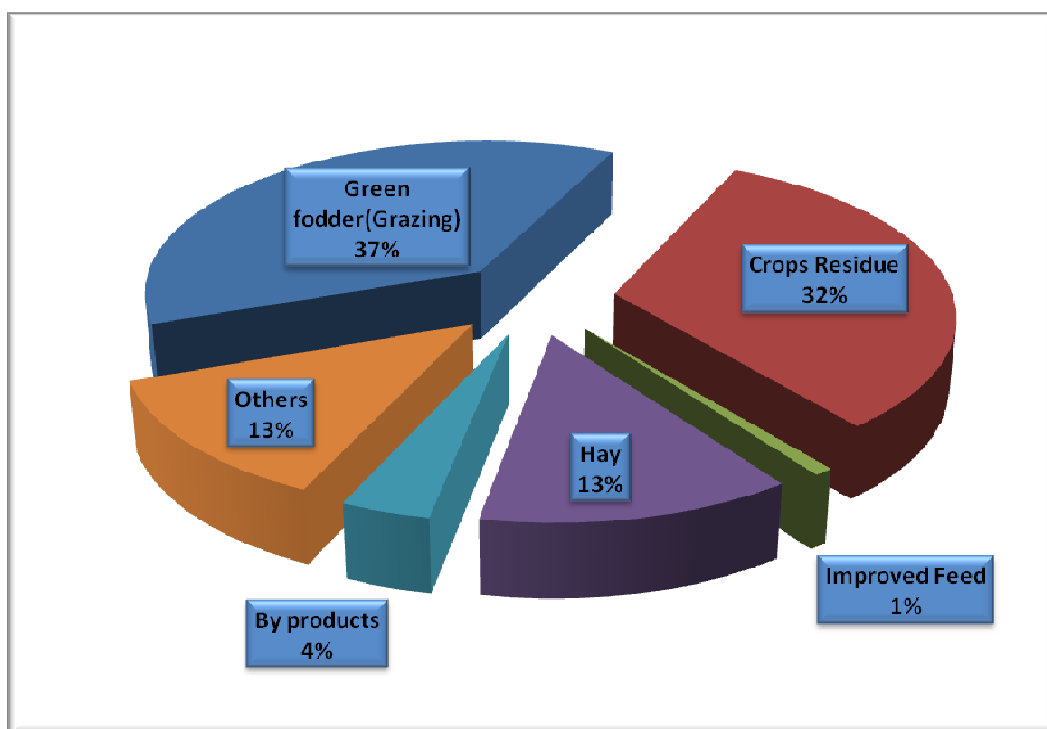
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *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 56.23percent) followed by crops residue that is 30.06 percent. Hay and by-products were also used as animal feeds that comprise about 7.44 and 1.21 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 0.3 percent) was used as animal feed and other types of feed that accounted for about 4.76 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2014/15

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing.....	14,278,578	56.23
Crops Residue	12,276,747	30.06
Improved Feed	309,030	0.3
Hay.....	4,906,662	7.44
By-products.....	1,402,438	1.21
Others.....	4,840,846	4.76

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 14.28 million holders have used green fodder to feed their animals. Significant number of holders (about 12.28 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 4.9 million, and about 1.4 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 4.84 million) as well reported to use other types of feeds while about 309 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 - 2014/15

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	14,278,578	12,276,747	309,030	4,906,662	1,402,438	4,840,846
Own Holding.....	5,912,231	10,757,095	236,566	3,172,853	572,322	3,351,752
Purchased.....	291,080	260,983	45,913	785,492	731,208	682,067
Communal Holdings/Government	3,701,981	106,157	4,162	122,611	3,903	49,157
From any Two or More Sources...	4,081,657	957,900	13,527	730,880	63,837	607,379
Other Sources.....	291,629	194,612	8,862	94,826	31,168	150,491

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 226 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 4.81 percent of them

have practiced honey and wax development package. Moreover, about 5.69 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 – 2014/15

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	226,085	100
Dairy Development Package.....	56,571	25.02
Beef/Meat/Mutton Development Package.....	46,979	20.78
Poultry Development Package.....	87,284	38.61
Honey and Wax Development Package.....	10,869	4.81
Two or More of the Packages.....	12,874	5.69
Others.....	11,508	5.09

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

TABLE 3-1: NUMBER OF LIVESTOCK BY TYPE OF ANIMAL, ZONE, AND REGION

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Ethiopia	56,706,389	29,332,382	29,112,963	2,033,115	400,329	7,428,037	1,164,106	56,866,719	5,885,263
Tigray	4,578,181	1,817,305	4,255,290	3,541	5,754	753,450	55,921	6,189,848	250,598
North West Tigray	1,858,256	175,587	1,971,601	-	340	225,910	14,142	2,365,451	61,212
Central Tigray	786,271	406,018	1,139,452	-	1,035	187,459	3,514	1,390,782	81,468
Eastern Tigray	437,686	733,852	183,043	1,678	1,913	124,476	-	843,780	41,631
Southern Tigray	728,441	414,508	381,346	673	1,407	153,040	30,162	778,159	38,836
Western Tigray	767,527	87,339	579,847	1,190	1,059	62,564	8,104	811,677	27,451
Afar	1,580,313	1,665,727	3,149,351	-	377	124,787	434,291	132,215	2,360
Zone 1	997,288	945,218	1,999,445	-	-	64,851	164,697	8,778	-
Zone 3	583,025	720,508	1,149,905	-	377	59,936	269,593	123,437	2,360
Amhara	14,710,911	10,024,277	6,064,944	420,760	157,213	2,677,429	66,364	18,031,121	1,361,329
North Gondar	3,221,340	1,250,549	1,773,651	33,003	13,043	442,752	3,006	5,588,277	345,491
South Gondar	1,707,436	956,191	547,051	24,687	16,474	317,194	-	1,995,572	125,427
North Wolo	859,951	649,187	479,981	30,437	11,821	186,071	17,468	983,179	45,899
South Wolo	1,645,306	1,972,764	785,527	85,440	30,071	437,477	15,452	1,914,572	160,158
North Shewa	1,392,619	1,783,632	820,947	47,279	13,280	413,128	16,309	1,661,943	64,288
East Gojam	1,897,257	1,404,354	549,794	101,778	18,743	374,735	-	1,346,786	160,827
West Gojam	2,275,899	1,260,317	353,157	33,308	33,107	295,509	-	2,857,716	291,267
Waghamera	360,842	141,874	416,551	330	2,807	82,697	-	339,076	53,232
Awi	1,038,346	485,236	125,007	64,107	17,528	73,555	-	1,041,199	106,248
Oromia	291,105	110,905	189,575	390	313	51,452	13,593	271,931	7,286
Argoba Special Wereda	20,810	9,269	23,705	-	27	2,859	536	30,871	1,205
Oromia	22,925,730	9,715,587	7,849,924	1,222,760	156,331	3,007,027	239,357	20,076,129	2,864,320
West Wellega	1,021,103	255,786	129,692	1,793	4,771	120,625	-	1,511,905	230,212
East Wellega	931,441	240,511	154,536	5,172	4,716	87,444	-	898,153	132,789
Illubabor	1,155,324	410,295	237,811	50,401	15,810	50,505	-	1,170,634	598,361
Jimma	2,200,106	824,208	411,180	92,093	20,011	71,880	-	1,818,613	570,241
West Shewa	2,073,280	978,136	430,886	135,114	11,994	233,636	-	1,740,215	204,449
North Shewa	1,539,525	1,072,075	268,697	99,578	5,889	265,557	-	1,012,655	77,377
East Shewa	1,147,173	364,976	584,350	12,851	10,050	330,286	3,085	1,235,831	16,680
Arsi	2,528,903	1,662,797	738,729	240,559	20,337	421,733	28,942	1,885,492	122,779
West Harerghe	997,181	193,889	884,494	-	3,340	220,639	34,467	1,433,669	67,655
East Harerghe	1,062,263	478,736	928,729	1,023	315	264,290	32,591	1,512,267	52,062
Bale	1,569,229	378,286	742,490	78,656	18,152	232,879	31,560	728,740	154,352
Borena	1,052,770	439,082	878,355	797	1,750	84,736	77,147	651,351	89,004
South West Shewa	1,104,820	540,232	352,194	61,733	6,164	208,251	-	1,003,869	95,520
Guji	1,408,486	484,473	424,525	177,285	15,710	79,805	31,010	914,805	143,161
West Arsi	1,957,066	946,595	404,118	214,744	6,304	210,339	555	1,105,688	97,758
Kelem Wellega	517,961	246,799	113,514	10,719	7,553	50,247	-	935,027	98,014
Horoguduru Wellega	659,098	198,709	165,624	40,243	3,465	74,175	-	517,213	113,904

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Somale	645,166	1,296,412	1,903,891	-	221	136,159	353,124	162,884	1,351
Shinele	14,526	55,387	145,595	-	-	5,975	7,561	5,765	42
Jijiga	380,041	922,687	878,610	-	118	73,152	129,865	11,744	757
Liben	250,599	318,337	879,685	-	103	57,032	215,697	145,374	552
Benshangul-Gumuz	659,587	104,547	440,719	1,672	1,936	67,702	1,151	1,375,326	218,616
Metekel	532,762	69,808	208,516	1,672	1,745	32,650	-	562,806	104,475
Asosa	74,886	17,643	173,826	-	-	27,434	1,151	623,084	36,513
Kemeshi	41,977	8,530	40,771	-	170	5,839	-	122,446	35,507
Mao Komo	9,962	8,566	17,605	-	21	1,780	-	66,990	42,121
SNNP	11,215,636	4,580,220	5,092,628	382,927	78,334	630,492	2,865	10,433,773	1,127,618
Gurage	933,025	340,873	121,291	60,166	4,206	103,125	-	771,417	60,762
Hadiya	819,467	273,215	157,514	28,095	4,505	101,309	-	989,002	56,818
Kembata Tembaro	360,359	115,579	61,576	7,537	760	27,196	-	389,421	30,502
Sidama	2,131,224	455,052	267,039	50,143	10,008	69,941	-	1,785,141	96,114
Gedio	108,219	187,528	20,056	16,106	2,765	2,634	-	235,597	57,604
Wolayita	798,067	215,579	146,292	228	1,357	37,353	-	945,773	53,869
South Omo	1,673,434	1,205,825	2,924,841	34,665	15,190	26,205	2,197	1,131,438	206,123
Shaka	137,652	58,806	20,212	9,661	975	2,576	127	163,783	88,070
Kaffa	931,307	420,378	255,210	70,169	11,860	1,924	450	877,634	166,080
Gamo Gofa	1,324,813	466,627	378,797	49,750	15,115	66,422	-	1,014,442	91,536
Bench Maji	324,442	152,648	80,996	9,629	1,012	1,193	-	494,180	82,969
Yem Sp. Wereda	69,693	28,651	32,283	706	253	4,089	60	43,580	13,086
Dawro	303,640	87,806	58,899	5,880	4,869	2,788	-	163,560	37,537
Basketo Sp. Wereda	48,774	21,219	12,172	251	586	1,200	31	70,901	5,497
Konta Sp. Wereda	102,302	28,293	19,236	1,089	896	1,578	-	97,140	11,694
Silte	573,013	324,251	190,842	31,317	2,321	104,883	-	701,310	27,145
Alaba Sp. Wereda	166,871	60,475	67,163	4,617	227	39,379	-	160,515	10,088
Segen People	409,333	137,414	278,209	2,916	1,428	36,699	-	398,939	32,125
Gambela region	278,584	35,476	88,610	683	25	846	-	307,387	55,502
Agnuwak	28,241	1,356	20,772	-	-	755	-	137,939	36,527
Nuware	214,153	26,363	59,717	-	-	-	-	82,463	-
Mezhenger	20,980	5,915	2,917	683	25	92	-	49,910	18,975
Itang Special	15,210	1,842	5,204	-	-	-	-	37,074	-
Harari	62,401	6,287	57,624	773	-	11,445	4,363	71,419	1,291
Hundene	62,401	6,287	57,624	773	-	11,445	4,363	71,419	1,291
Dire Dawa	49,880	86,545	209,982	-	137	18,699	6,670	86,617	2,278

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

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Ethiopia	56,706,389	2,526,365	2,262,429	4,213,585	15,646,158	614,453	2,747,552	2,497,709	5,265,112	20,371,628	561,399
Tigray	4,578,181	222,571	149,243	347,588	1,394,104	98,366	248,041	165,741	393,597	1,492,171	66,759
North West Tigray	1,858,256	98,409	68,585	127,950	496,952	33,324	117,918	75,579	170,539	639,913	29,087
Central Tigray	786,271	26,900	16,986	54,552	307,333	31,614	30,168	19,722	54,114	236,399	8,481
Eastern Tigray	437,686	16,648	12,551	43,340	144,567	7,746	17,934	17,013	40,135	134,718	3,034
Southern Tigray	728,441	33,191	19,240	64,155	263,950	9,811	32,865	20,788	57,584	222,698	4,158
Western Tigray	767,527	47,422	31,879	57,592	181,301	15,871	49,156	32,639	71,225	258,443	21,999
Afar	1,580,313	72,300	59,487	74,548	109,005	*	128,378	120,302	187,042	805,549	18,928
Zone 1	997,288	42,101	44,738	48,024	60,448	*	67,869	88,226	118,997	507,028	15,838
Zone 3	583,025	30,199	14,749	26,524	48,557	*	60,509	32,076	68,045	298,521	*
Amhara	14,710,911	574,726	438,106	1,133,867	5,124,564	279,703	595,708	473,248	1,205,422	4,684,774	200,792
North Gonder	3,221,340	147,654	116,254	285,940	929,075	42,413	153,327	125,419	312,721	1,053,536	55,002
South Gonder	1,707,436	61,957	56,001	147,632	593,387	31,789	58,493	55,063	128,181	558,094	16,837
North Wolo	859,951	40,012	20,619	63,815	307,223	8,445	47,408	20,104	70,651	276,890	4,783
South Wolo	1,645,306	74,375	37,327	130,742	649,753	6,880	71,675	48,123	143,990	472,851	9,591
North Shewa	1,392,619	40,107	37,972	89,204	634,755	41,279	35,203	39,185	93,876	366,264	14,772
East Gojam	1,897,257	57,842	51,281	130,224	703,688	65,934	59,873	55,567	143,991	596,830	32,026
West Gojam	2,275,899	68,386	70,586	165,668	812,061	53,958	85,497	80,386	162,313	738,349	38,693
Waghamera	360,842	16,241	9,407	17,146	118,192	9,794	19,632	11,173	27,436	124,493	7,326
Awi	1,038,346	52,127	29,559	84,043	271,290	16,824	47,772	27,872	95,895	392,631	20,333
Oromia	291,105	14,862	8,389	18,160	97,389	2,226	15,503	9,542	24,997	98,653	1,384
Argoba S. W.	20,810	1,163	710	1,293	7,749	160	1,326	813	1,370	6,181	44
Oromia	22,925,730	1,023,834	980,257	1,768,784	6,418,428	189,148	1,093,363	1,038,852	2,129,640	8,081,170	202,254
West Wellega	1,021,103	41,194	40,585	81,565	271,206	*	43,676	42,908	100,912	389,923	8,339
East Wellega	931,441	44,466	38,415	75,668	254,800	3,676	40,884	38,849	88,257	338,998	7,428
Illubabor	1,155,324	49,615	58,711	89,373	312,312	2,926	48,353	64,671	117,363	406,209	5,789
Jimma	2,200,106	90,371	89,847	171,455	682,783	*	83,466	96,556	205,064	764,058	*
West Shewa	2,073,280	89,297	78,077	166,416	664,037	30,003	97,869	80,176	164,913	680,232	22,260
North Shewa	1,539,525	66,015	52,788	107,070	522,684	25,135	66,092	62,529	123,822	492,817	20,572
East Shewa	1,147,173	30,131	45,483	65,471	467,602	25,446	37,720	46,965	87,417	338,092	2,845
Arsi	2,528,903	106,847	103,663	178,599	820,940	40,385	127,043	103,771	218,708	797,662	31,286
West Harerghe	997,181	61,065	40,942	99,827	259,507	-	58,528	42,980	99,380	332,124	2,829
East Harerghe	1,062,263	77,778	63,846	123,133	133,319	-	71,206	47,952	130,899	404,084	10,047
Bale	1,569,229	67,597	79,592	111,316	448,813	6,880	75,554	78,469	138,705	548,011	14,291
Borena	1,052,770	63,269	55,580	71,150	143,105	*	75,729	64,606	118,527	449,983	9,716
South West Shewa	1,104,820	31,237	35,656	86,785	414,130	26,639	32,142	43,444	90,464	334,457	9,866
Guji	1,408,486	65,693	57,390	114,273	266,719	*	70,177	74,299	151,309	595,594	11,844
West Arsi	1,957,066	104,964	87,869	141,868	381,560	5,057	119,812	98,034	196,942	800,779	20,182
Kelem Wellega	517,961	15,292	25,351	39,343	169,396	*	19,104	25,501	48,249	173,413	1,059
Horoguduru Wellega	659,098	19,002	26,461	45,474	205,515	14,707	26,008	27,140	48,710	234,735	11,347

TABLE 3-2 CONT'D

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs & Over
Somale	645,166	59,930	28,373	39,602	75,072	*	57,111	36,784	58,267	286,797	*
Shinele	14,526	1,180	527	1,059	1,705	*	1,430	663	1,703	6,028	*
Jijiga	380,041	40,407	17,421	24,888	44,780	-	33,587	22,164	33,359	163,080	*
Liben	250,599	18,344	10,426	13,655	28,587	*	22,094	13,957	23,205	117,688	*
Benshangul-Gumuz	659,587	29,310	30,641	56,604	182,802	6,286	28,073	30,551	58,216	230,531	6,574
Metekel	532,762	23,633	23,881	44,103	154,128	5,842	21,760	24,309	46,038	183,170	5,898
Asosa	74,886	3,252	3,541	6,823	17,474	*	3,366	2,451	7,004	30,220	*
Kemeshi	41,977	1,998	2,782	4,479	8,309	*	2,547	3,278	4,053	14,195	*
Mao Komo	9,962	426	437	1,199	2,892	-	399	513	1,121	2,946	*
SNNP	11,215,636	522,772	555,414	765,450	2,291,713	35,569	573,294	607,291	88,018	4,615,173	60,941
Gurage	933,025	52,194	52,103	51,576	152,802	*	48,534	52,585	83,110	413,912	11,014
Hadiya	819,467	35,240	37,132	63,074	195,724	*	42,012	43,005	80,132	316,322	*
Kembata Tembaro	360,359	16,376	13,826	23,212	75,999	*	19,105	21,670	35,185	154,206	*
Sidama	2,131,224	131,924	138,160	109,426	114,128	*	133,786	143,351	55,102	1,087,983	16,026
Gedio	108,219	1,833	4,387	10,692	40,370	-	2,073	2,784	8,372	36,462	*
Wolayita	798,067	36,317	45,744	55,408	177,578	*	43,349	41,252	70,589	321,795	5,019
South Omo	1,673,434	59,560	60,760	119,284	406,520	1,174	74,582	75,030	93,562	680,923	*
Shaka	137,652	8,432	7,355	10,094	25,305	-	6,342	9,156	15,705	54,956	306
Kaffa	931,307	44,036	48,153	87,635	216,065	*	52,949	45,191	98,881	333,811	*
Gamo Gofa	1,324,813	53,935	63,953	92,464	303,177	*	62,893	75,753	49,315	512,522	*
Bench Maji	324,442	14,967	15,672	23,427	91,897	*	17,790	18,697	29,470	111,911	*
Yem Sp. Wereda	69,693	2,434	2,514	5,012	26,124	-	1,923	2,191	4,817	24,678	-
Dawro	303,640	14,189	16,120	24,137	62,777	*	13,172	16,443	38,394	117,531	814
Basketo Sp. Wereda	48,774	2,235	2,419	5,507	11,683	-	2,210	2,432	5,157	17,131	-
Konta Sp. Wereda	102,302	5,248	5,078	7,490	25,086	*	5,850	6,956	10,593	35,644	313
Silte	573,013	22,661	20,718	40,920	166,763	*	24,023	25,901	64,675	196,620	6,462
Alaba Sp. Wereda	166,871	7,361	5,837	11,093	54,615	*	7,879	6,163	14,821	58,347	*
Segen People	409,333	13,830	15,484	25,000	145,101	*	14,823	18,731	30,139	140,418	*
Gambela Region	278,584	13,557	15,361	14,843	35,642	*	16,957	19,946	29,224	131,704	1,062
Angnuwak	28,241	291	*	2,574	12,290	*	476	980	2,535	7,025	*
Nuware	214,153	10,719	10,992	10,493	20,630	-	14,129	16,296	22,605	107,918	*
Mezhenger	20,980	1,813	1,969	845	1,427	*	1,321	1,699	2,359	9,452	*
Itang Special	*	*	*	931	*	*	1,030	*	1,725	*	*
Harari	62,401	3,842	3,539	7,182	7,708	-	3,615	3,040	8,411	24,463	*
Hundene	62,401	3,842	3,539	7,182	7,708	-	3,615	3,040	8,411	24,463	*
Dire Dawa	49,880	3,522	2,008	5,118	7,119	-	3,012	1,954	7,275	19,296	575

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 < 1 yr	1 yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1 yr	1 yr - <2 yrs	2 yrs & Over
Ethiopia	29,332,382	3,799,105	1,325,710	1,131,699	1,730,596	4,048,196	1,760,917	2,016,491	13,519,667
Tigray	1,817,305	199,938	92,104	70,736	110,035	221,745	126,064	144,706	851,977
North West Tigray	175,587	19,220	6,217	7,627	11,911	17,989	13,342	9,085	90,196
Central Tigray	406,018	42,655	17,405	18,647	25,557	52,960	28,934	39,978	179,881
Eastern Tigray	733,852	81,030	34,506	26,924	36,037	86,549	48,178	57,880	362,749
Southern Tigray	414,508	46,601	30,272	14,626	32,779	49,913	29,820	27,977	182,520
Western Tigray	87,339	10,432	3,704	2,911	3,752	14,334	5,790	9,786	36,631
Afar	1,665,727	137,589	60,391	71,976	103,187	203,062	116,211	196,016	777,296
Zone 1	945,218	83,234	29,972	39,531	63,288	121,090	66,330	101,387	440,387
Zone 3	720,508	54,355	30,419	32,445	39,899	81,972	49,881	94,629	336,909
Amhara	10,024,277	1,425,044	384,621	350,941	528,590	1,470,702	525,259	592,795	4,746,325
North Gonder	1,250,549	181,937	53,872	39,759	50,338	191,755	75,916	106,327	550,645
South Gonder	956,191	180,094	21,836	21,016	23,131	155,607	45,037	44,103	465,367
North Wolo	649,187	73,554	27,985	22,278	37,624	77,431	32,231	46,760	331,324
South Wolo	1,972,764	234,190	87,506	105,282	175,182	248,648	83,417	92,753	945,784
North Shewa	1,783,632	208,476	85,499	87,783	162,257	236,713	107,352	103,089	792,464
East Gojam	1,404,354	213,881	28,170	18,960	36,203	231,687	94,351	90,591	690,512
West Gojam	1,260,317	210,800	50,487	32,876	16,485	213,154	53,912	66,301	616,301
Waghamera	141,874	15,242	5,805	5,308	13,100	11,044	8,037	9,262	74,076
Awii	485,236	93,362	15,573	7,971	4,175	91,914	20,804	28,488	222,950
Oromia	110,905	12,423	7,488	9,321	9,329	11,383	3,567	4,780	52,613
Argoba Special	9,269	1,083	400	387	766	1,367	635	342	4,290
Oromia	9,715,587	1,410,903	479,960	310,439	450,492	1,472,416	593,990	577,059	4,420,327
West Wellega	255,786	44,632	14,032	5,742	5,454	40,723	19,850	14,244	111,108
East Wellega	240,511	43,162	13,128	6,747	6,715	47,029	10,860	7,353	105,519
Illubabor	410,295	62,807	18,565	10,407	13,921	59,304	25,799	17,454	202,039
Jimma	824,208	133,833	35,243	23,802	34,432	122,074	31,442	32,612	410,770
West Shewa	978,136	163,795	45,186	26,498	17,229	170,637	48,203	52,332	454,256
North Shewa	1,072,075	161,882	33,995	19,179	50,525	169,631	44,663	52,556	539,644
East Shewa	364,976	43,165	20,981	8,938	24,742	43,890	21,406	27,058	174,797
Arsi	1,662,797	212,278	90,306	73,731	93,430	249,935	143,746	114,777	684,595
West Harerghe	193,889	31,048	10,217	*	7,326	27,753	11,833	14,408	86,062
East Harerghe	478,736	75,234	21,406	21,097	22,416	64,223	23,226	29,270	221,865
Bale	378,286	45,283	26,145	*	*	48,101	19,795	24,039	159,905
Borena	439,082	44,255	26,776	15,983	31,218	54,698	36,770	33,825	195,557
South West Shewa	540,232	70,733	36,617	20,074	33,981	82,183	33,985	37,650	225,009
Guji	484,473	61,457	22,562	19,528	22,161	70,925	31,260	33,201	223,379
West Arsi	946,595	137,136	47,774	24,464	34,468	139,637	65,238	62,222	435,656
Kelem Wellega	246,799	45,374	11,262	7,823	7,375	43,411	13,575	12,785	105,194
Horoguduru Wellega	198,709	34,830	5,768	4,921	*	38,261	12,339	11,272	84,974

TABLE 3-3 CONT'D

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
Somale	1,296,412	107,631	69,941	98,987	142,744	122,154	88,192	118,493	548,270
Shinele	55,387	4,518	2,775	3,912	6,674	5,579	3,591	5,465	22,874
Jijiga	922,687	77,758	54,328	79,484	95,879	81,403	67,350	84,699	381,787
Liben	318,337	25,355	12,838	15,591	40,191	35,173	17,251	28,329	143,610
Benshangul-Gumuz	104,547	18,832	5,644	4,391	7,292	14,386	5,879	4,715	43,407
Metekel	69,808	12,546	3,767	2,565	5,239	9,945	3,998	2,270	29,478
Asosa	17,643	3,170	1,039	531	1,238	1,682	1,016	1,348	7,619
Kemeshi	8,530	1,678	315	784	*	1,278	311	584	3,006
Mao komo	8,566	1,438	523	510	241	1,482	554	513	3,305
SNNP	4,580,220	482,892	225,682	217,777	383,404	527,987	295,521	367,349	2,079,608
Gurage	340,873	45,300	21,037	11,904	20,793	38,531	22,241	21,240	159,827
Hadiya	273,215	31,236	13,810	9,520	15,102	37,018	20,532	25,554	120,442
Kembata Tembaro	115,579	11,324	4,750	8,993	12,864	11,853	7,482	7,230	51,083
Sidama	455,052	60,192	17,905	16,813	17,786	65,903	25,120	27,292	224,042
Gedio	187,528	19,029	15,333	8,276	13,091	17,118	12,763	9,686	92,231
Wolayita	215,579	24,223	11,696	7,613	10,352	30,119	18,956	24,869	87,750
South Omo	1,205,825	67,692	57,277	87,072	188,576	92,552	75,968	125,522	511,165
Shaka	58,806	7,572	2,358	2,007	3,425	9,230	4,116	2,906	27,192
Kaffa	420,378	71,283	13,451	11,978	12,235	67,260	16,834	16,975	210,362
Gamo Gofa	466,627	49,879	21,155	21,831	29,228	50,191	32,592	43,262	218,490
Bench Maji	152,648	19,201	6,795	5,807	11,241	22,558	7,774	8,572	70,700
Yem Sp. Wereda	28,651	4,767	1,086	322	687	3,706	1,364	1,814	14,906
Dawro	87,806	12,160	4,785	4,190	3,719	10,685	5,423	11,470	35,374
Basketo Sp. Wereda	21,219	2,468	700	570	1,016	2,924	1,114	1,582	10,845
Konta Sp. Wereda	28,293	3,558	1,898	2,883	1,996	3,965	1,588	1,664	10,741
Silte	324,251	33,097	21,195	7,167	18,140	43,258	31,655	25,717	144,021
Alaba Sp. Wereda	60,475	7,244	3,246	3,560	*	6,415	3,202	3,922	28,069
Segen People	137,414	12,665	7,205	7,271	18,337	14,700	6,798	8,071	62,367
Gambela Region	35,476	4,021	1,940	2,770	2,253	5,054	2,847	3,706	12,885
Angnuwak	*	*	*	-	*	*	*	*	*
Nuware	26,363	3,290	1,137	1,594	1,125	3,881	2,334	2,989	10,013
Mezhenger	5,915	551	679	1,041	481	765	207	306	1,884
Itang Special	*	*	*	*	*	*	*	*	*
Harari	6,287	852	441	509	231	414	480	438	2,922
Hundene	6,287	852	441	509	231	414	480	438	2,922
Dire Dawa	86,545	11,404	4,986	3,173	2,368	10,277	6,472	11,214	36,650

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

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
Ethiopia	29,112,963	3,275,989	1,465,650	1,383,403	2,294,890	3,794,032	2,108,672	2,504,412	12,285,914
Tigray	4,255,290	500,560	213,827	184,121	253,545	545,652	336,809	439,039	1,781,738
North West Tigray	1,971,601	233,216	103,427	78,603	107,487	269,158	169,172	224,082	786,457
Central Tigray	1,139,452	125,223	51,957	63,375	84,430	127,173	77,921	107,493	501,879
Eastern Tigray	183,043	18,012	9,767	7,770	9,374	18,713	13,341	17,093	88,974
Southern Tigray	381,346	49,010	21,862	14,400	21,465	42,459	26,447	31,708	173,996
Western Tigray	579,847	75,099	26,814	19,972	30,790	88,149	49,928	58,664	230,432
Afar	3,149,351	227,733	104,016	114,207	204,793	347,544	277,530	367,819	1,505,709
Zone 1	1,999,445	142,125	63,991	64,011	129,526	228,742	178,049	245,281	947,719
Zone 3	1,149,905	85,608	40,025	50,195	75,267	118,802	99,481	122,538	557,990
Amhara	6,064,944	795,189	347,407	306,620	532,785	905,502	403,757	377,223	2,396,460
North Gondar	1,773,651	247,485	114,703	85,968	127,778	280,202	149,868	137,342	630,305
South Gondar	547,051	88,532	26,472	25,989	39,876	82,428	32,403	29,999	221,353
North Wolo	479,981	66,243	19,006	16,923	35,043	74,479	22,922	30,593	214,771
South Wolo	785,527	79,992	46,509	48,902	99,480	97,445	41,227	42,189	329,783
North Shewa	820,947	91,640	56,661	56,002	127,822	114,436	47,611	40,019	286,756
East Gojam	549,794	81,996	36,088	20,341	35,312	89,561	36,847	34,640	215,010
West Gojam	353,157	58,230	12,847	18,889	11,771	70,543	21,805	18,746	140,324
Waghamera	416,551	32,719	15,266	16,940	36,574	41,112	32,678	30,695	210,568
Awi	125,007	18,549	10,055	7,470	3,755	22,692	6,649	5,469	50,368
Oromia	189,575	26,130	8,291	8,061	13,019	29,326	10,365	6,201	88,182
Argoba Special	23,705	3,673	1,508	1,135	2,356	3,278	1,383	1,330	9,042
Oromia	7,849,924	1,067,080	403,704	310,789	437,300	1,163,664	551,964	535,301	3,380,121
West Wellega	129,692	26,658	7,415	3,533	2,893	20,787	7,734	8,893	51,780
East Wellega	154,536	23,459	12,056	5,694	5,777	26,269	10,066	9,445	61,771
Illubabor	237,811	37,875	12,188	6,562	6,290	39,292	19,674	13,556	102,374
Jimma	411,180	60,700	19,629	13,839	11,381	68,607	21,620	19,002	196,402
West Shewa	430,886	79,011	19,943	9,152	18,071	79,934	27,029	26,961	170,785
North Shewa	268,697	46,619	16,317	7,944	16,695	43,857	16,134	12,608	108,521
East Shewa	584,350	84,405	34,223	21,903	34,743	83,357	46,078	43,992	235,649
Arsi	738,729	91,580	35,912	33,035	41,361	101,848	73,402	48,467	313,125
West Harerghe	884,494	125,492	43,143	36,944	43,202	142,019	57,481	74,018	362,195
East Harerghe	928,729	137,908	56,236	44,443	54,325	118,997	51,124	67,407	398,290
Bale	742,490	83,584	34,424	31,228	49,085	104,693	49,961	43,247	346,268
Borena	878,355	80,831	43,245	37,836	63,576	105,151	73,847	68,346	405,522
South West Shewa	352,194	45,564	14,135	20,454	36,619	54,595	24,202	22,433	134,192
Guji	424,525	49,218	19,439	18,239	21,818	58,895	25,089	35,484	196,343
West Arsi	404,118	53,139	19,474	13,400	14,817	65,727	31,751	25,097	180,713
Kelem Wellega	113,514	17,508	5,719	1,757	5,863	22,369	6,881	6,935	46,482
Horogoduru Wellega	165,624	23,530	10,205	4,827	10,785	27,266	9,892	9,411	69,708

TABLE 3-4 CONT'D

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Somale	1,903,891	152,425	91,866	127,752	211,076	192,551	135,172	167,092	825,958
Shinele	145,595	11,759	7,885	10,280	12,294	16,045	11,565	16,605	59,163
Jijiga	878,610	81,005	53,428	77,131	92,183	88,871	62,296	68,866	354,830
Liben	879,685	59,660	30,552	40,342	106,599	87,634	61,311	81,621	411,966
Benshangul-Gumuz	440,719	60,640	24,919	18,238	21,557	65,444	29,372	31,630	188,920
Metekel	208,516	29,829	13,874	8,005	10,019	33,381	12,804	11,043	89,561
Asosa	173,826	22,134	7,325	7,783	9,691	22,469	11,846	15,802	76,776
Kemeshi	40,771	5,412	2,676	1,812	1,226	6,897	3,121	3,531	16,096
Mao Komo	17,605	3,264	1,044	638	621	2,696	1,601	1,255	6,486
SNNP	5,092,628	432,970	257,744	306,183	616,603	529,943	346,165	547,292	2,055,728
Gurage	121,291	14,139	6,797	8,387	14,103	13,048	8,361	5,732	50,725
Hadiya	157,514	22,722	9,988	5,102	8,746	20,877	12,406	10,409	67,264
Kembata Tembaro	61,576	7,955	3,089	2,727	2,368	9,525	3,356	5,379	27,179
Sidama	267,039	35,217	9,548	14,803	24,930	40,404	13,621	16,648	111,868
Gedio	20,056	2,031	*	901	*	2,097	*	*	8,699
Wolayita	146,292	16,007	10,523	4,925	5,504	22,911	10,805	18,068	57,549
South Omo	2,924,841	157,699	128,577	*	473,155	233,258	211,313	398,102	1,109,710
Shaka	20,212	3,531	1,006	390	791	3,603	1,586	873	8,433
Kaffa	255,210	40,307	14,655	6,187	4,472	46,235	11,466	9,168	122,720
Gamo Gofa	378,797	47,399	26,519	18,480	20,508	52,256	17,546	28,042	168,047
Bench Maji	80,996	10,801	5,027	2,948	6,350	10,739	5,301	3,902	35,927
Yem Sp. Wereda	32,283	5,314	1,030	607	910	4,862	1,528	1,838	16,194
Dawro	58,899	7,918	4,099	3,608	4,508	6,830	5,166	4,995	21,775
Basketo Sp. Wereda	12,172	952	742	720	1,308	1,256	867	837	5,491
Konta Sp. Wereda	19,236	2,975	1,371	975	*	2,153	1,104	1,507	7,906
Silte	190,842	25,483	15,009	5,515	7,268	26,021	15,226	15,196	81,125
Alaba Sp. Wereda	67,163	7,680	4,124	3,274	5,832	7,091	5,924	3,737	29,499
Segen People	278,209	24,838	15,424	13,612	30,727	26,776	18,547	22,666	125,618
Gambela Region	88,610	10,374	5,698	3,260	4,550	12,079	7,487	7,822	37,339
Angnuwak	20,772	2,203	1,974	724	1,064	2,697	1,640	1,535	8,934
Nuware	59,717	7,306	3,017	2,045	2,884	8,475	5,170	5,656	25,162
Mezhenger	2,917	427	490	*	*	343	298	*	1,028
Itang Special	5,204	438	217	331	455	563	*	605	2,214
Harari	57,624	7,035	3,577	4,481	3,196	6,097	3,386	4,564	25,289
Hundene	57,624	7,035	3,577	4,481	3,196	6,097	3,386	4,564	25,289
Dire Dawa	209,982	21,983	12,892	7,752	9,485	25,557	17,030	26,632	88,651

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	2,033,115	191,629	809,155	193,497	838,834	7,428,037	878,673	2,534,740	866,126	3,148,498
Tigray	3,541	*	2,031	*	1,070	753,450	88,693	298,452	77,453	288,852
North West Tigray	-	-	-	-	-	225,910	27,790	75,825	24,442	97,853
Central Tigray	-	-	-	-	-	187,459	23,508	69,686	17,116	77,150
Eastern Tigray	1,678	-	1,272	*	*	124,476	14,162	54,933	12,842	42,538
Southern Tigray	*	-	*	-	*	153,040	17,124	60,718	17,837	57,361
Western Tigray	*	*	*	*	*	62,564	6,108	37,290	5,216	13,950
Afar	-	-	-	-	-	124,787	17,199	37,292	15,067	55,228
Zone 1	-	-	-	-	-	64,851	9,656	15,918	9,162	30,116
Zone 3	-	-	-	-	-	59,936	7,544	21,374	5,906	25,113
Amhara	420,760	33,278	130,806	35,807	220,869	2,677,429	365,698	759,906	357,548	1,194,277
North Gonder	*	*	6,889	*	*	442,752	59,907	142,557	56,976	183,313
South Gonder	24,687	*	8,962	*	12,482	317,194	45,977	62,955	48,864	159,399
North Wolo	30,437	*	6,885	4,881	15,338	186,071	27,655	42,466	24,104	91,847
South Wolo	85,440	4,992	15,422	7,182	57,845	437,477	53,939	114,060	62,026	207,451
North Shewa	47,279	3,111	8,088	6,692	29,388	413,128	49,124	171,249	39,167	153,587
East Gojam	101,778	7,777	48,994	7,073	37,935	374,735	52,179	98,453	56,327	167,777
West Gojam	33,308	*	5,339	*	*	295,509	48,958	66,555	43,033	136,964
Waghamera	*	-	*	-	*	82,697	9,717	31,468	6,241	35,271
Awi	64,107	4,063	29,636	3,634	26,773	73,555	13,625	16,262	12,638	31,030
Oromia	*	-	*	-	-	51,452	4,334	13,041	7,688	26,389
Argoba Special	-	-	-	-	-	2,859	284	840	485	1,251
Oromia	1,222,760	132,685	502,247	121,860	465,968	3,007,027	337,185	1,054,837	347,488	1,267,517
West Wellega	*	*	*	*	*	120,625	14,167	23,197	21,836	61,425
East Wellega	*	*	*	*	*	87,444	10,662	33,248	9,380	34,154
Illubabor	50,401	4,560	14,481	8,115	23,245	50,505	6,898	15,720	3,659	24,228
Jimma	92,093	9,093	37,404	9,780	35,815	71,880	4,187	35,278	6,225	26,191
West Shewa	135,114	15,677	64,479	9,297	45,661	233,636	27,110	74,864	34,111	97,551
North Shewa	99,578	13,335	25,156	12,681	48,406	265,557	33,199	64,321	39,411	128,626
East Shewa	12,851	*	9,501	*	*	330,286	32,718	129,472	37,860	130,235
Arsi	240,559	28,569	74,987	30,626	106,376	421,733	43,507	149,965	52,011	176,249
West Harerghe	-	-	-	-	-	220,639	23,481	88,252	23,068	85,838
East Harerghe	*	*	-	-	*	264,290	35,146	98,418	26,122	104,604
Bale	78,656	4,697	43,005	8,040	22,915	232,879	27,986	97,721	20,551	86,621
Borena	*	-	*	-	*	84,736	9,560	26,192	9,019	39,965
South West Shewa	61,733	2,986	42,782	3,578	12,387	208,251	23,654	76,022	20,359	88,215
Guji	177,285	18,192	74,320	13,574	71,200	79,805	8,047	26,560	9,051	36,147
West Arsi	214,744	26,424	96,569	18,338	73,413	210,339	23,370	66,441	21,415	99,113
Kelem Wellega	10,719	855	*	*	4,277	50,247	3,997	25,080	4,103	17,067
Horoguduru Wellega	40,243	5,565	13,141	5,420	16,117	74,175	9,493	24,087	9,307	31,289

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Somale	-	-	-	-	-	136,159	13,027	56,627	11,641	54,864
Shinele	-	-	-	-	-	5,975	712	2,078	725	2,460
Jijiga	-	-	-	-	-	73,152	8,673	27,821	6,994	29,663
Liben	-	-	-	-	-	57,032	3,642	26,729	3,921	22,740
Benshangul-Gumuz	*	*	*	*	*	67,702	6,032	40,987	6,430	14,253
Metekel	*	*	*	*	*	32,650	2,192	24,986	1,216	4,256
Asosa	-	-	-	-	-	27,434	3,511	10,469	4,818	8,636
Kemeshi	-	-	-	-	-	5,839	156	4,896	*	658
Mao Komo	-	-	-	-	-	1,780	173	636	267	703
SNNP	382,927	24,971	172,528	35,430	149,998	630,492	47,445	275,001	47,287	260,760
Gurage	60,166	*	24,797	5,508	26,670	103,125	9,458	38,371	9,398	45,898
Hadiya	28,095	*	12,200	2,300	13,081	101,309	10,474	31,492	10,026	49,316
Kembata Tembaro	7,537	*	3,943	*	2,558	27,196	1,067	22,651	*	3,064
Sidama	50,143	*	28,877	*	15,458	69,941	*	56,967	*	9,877
Gedio	16,106	*	9,666	*	5,208	*	-	*	-	*
Wolayita	*	-	*	-	-	37,353	*	30,036	*	*
South Omo	34,665	2,677	14,453	*	14,409	26,205	3,098	6,762	2,523	13,822
Shaka	9,661	968	5,222	811	2,660	2,576	-	2,576	-	-
Kaffa	70,169	6,007	37,282	6,358	20,522	*	*	847	-	*
Gamo Gofa	49,750	4,682	13,180	7,711	24,178	66,422	*	32,547	4,626	26,624
Bench Maji	9,629	884	4,694	*	3,784	*	-	*	-	-
Yem Sp. Wereda	706	*	202	*	341	4,089	365	892	513	2,320
Dawro	5,880	*	2,668	497	2,283	2,788	*	2,040	*	457
Basketo Sp. Wereda	251	-	251	-	-	1,200	178	467	*	528
Konta Sp. Wereda	1,089	*	*	*	*	1,578	*	1,131	*	*
Silte	31,317	2,127	9,488	3,290	16,412	104,883	8,326	18,878	10,748	66,931
Alaba Sp. Wereda	4,617	*	2,967	*	1,352	39,379	4,296	6,992	4,035	24,056
Segen People	*	*	1,494	*	*	36,699	3,166	18,972	2,598	11,964
Gambela Region	683	-	683	-	-	*	*	*	-	-
Angnuwak	-	-	-	-	-	*	*	*	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	683	-	683	-	-	*	-	*	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	*	*	*	-	-	11,445	688	6,217	851	3,689
Hundene	*	*	*	-	-	11,445	688	6,217	851	3,689
Dire Dawa	-	-	-	-	-	18,699	2,668	4,613	2,361	9,057

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

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Ethiopia	400,329	29,670	161,286	26,556	182,817	1,164,106	140,422	274,008	171,289	578,386
Tigray	5,754	*	2,644	*	2,540	55,921	*	44,111	*	*
North West Tigray	*	-	*	-	-	14,142	-	13,788	*	-
Central Tigray	1,035	-	*	-	*	3,514	*	3,006	-	*
Eastern Tigray	1,913	*	*	*	1,146	-	-	-	-	-
Southern Tigray	1,407	-	*	*	*	30,162	*	19,605	*	*
Western Tigray	1,059	-	634	-	*	8,104	*	7,712	-	*
Afar	*	-	*	-	-	434,291	44,549	57,555	67,454	264,733
Zone 1	-	-	-	-	-	164,697	21,272	37,709	26,876	78,840
Zone 3	*	-	*	-	-	269,593	23,277	19,846	40,578	185,892
Amhara	157,213	17,954	55,885	16,743	66,631	66,364	4,591	61,318	-	*
North Gondar	13,043	*	6,339	*	5,768	*	-	*	-	-
South Gondar	16,474	*	*	-	8,001	-	-	-	-	-
North Wolo	11,821	*	4,736	*	4,853	17,468	*	17,120	-	-
South Wolo	30,071	*	6,265	6,818	14,388	*	*	*	-	-
North Shewa	13,280	1,319	5,657	*	3,719	16,309	*	14,763	-	-
East Gojam	18,743	*	8,245	*	7,530	-	-	-	-	-
West Gojam	33,107	*	7,969	3,678	18,035	-	-	-	-	-
Waghamera	2,807	*	*	-	2,240	-	-	-	-	-
Awı	17,528	4,836	9,826	*	1,984	-	-	-	-	-
Oromia	*	-	*	-	*	13,593	*	11,391	-	*
Argoba Special	27	-	*	*	*	536	37	499	-	-
Oromia	156,331	7,515	63,408	6,339	79,070	239,357	42,291	33,663	46,658	116,746
West Wellega	4,771	-	1,963	-	2,808	-	-	-	-	-
East Wellega	4,716	-	1,890	-	2,827	-	-	-	-	-
Illubabor	15,810	*	3,759	*	10,920	-	-	-	-	-
Jimma	20,011	*	3,610	*	13,832	-	-	-	-	-
West Shewa	11,994	*	5,999	-	5,114	-	-	-	-	-
North Shewa	5,889	*	*	*	2,793	-	-	-	-	-
East Shewa	10,050	*	8,453	*	*	*	*	*	*	*
Arsi	20,337	*	7,030	-	11,698	*	*	-	*	*
West Harerghe	3,340	-	1,706	*	*	34,467	6,396	4,968	8,475	14,629
East Harerghe	*	-	-	-	*	32,591	5,174	4,926	*	16,531
Bale	18,152	*	11,211	*	6,443	31,560	6,223	*	4,221	13,200
Borena	1,750	-	1,389	-	*	77,147	11,729	10,852	12,941	41,624
South West Shewa	6,164	*	2,183	-	3,441	-	-	-	-	-
Guji	15,710	*	4,893	*	9,635	*	*	*	*	*
West Arsi	6,304	*	3,704	*	*	*	*	-	-	-
Kelem Wellega	7,553	*	3,627	*	3,225	-	-	-	-	-
Horoguduru Wellega	3,465	*	1,159	*	2,008	-	-	-	-	-

TABLE 3-6 CONT'D

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Somale	*		*		*	353,124	36,612	73,189	53,296	190,026
Shinele	-					7,561	771	1,731	1,122	3,937
Jijiga	*				*	129,865	14,771	27,591	21,737	65,766
Liben	*		*			215,697	21,071	43,867	30,437	120,324
Benshangul-Gumuz	1,936		1,384		*	*	*	*		
Metekel	1,745		1,222		*					
Asosa	-					*	*	*		
Kemeshi	*		*		*					
Mao komo	*		*							
	78,334	4,012	37,348	3,095	33,879	*	*	*	*	*
SNNP	4,206	*	*	*	1,800					
Gurage	4,505	*	1,681	*	*					
Hadiya	760		*		*					
Kembata Tembaro	*		*		*					
Sidama	2,765		2,249		*					
Gedio	*	*	*	*						
Wolayita	15,190	*	6,100	*	7,027	*		*	*	*
South Omo	975		734	*	*	*	*	*		
Shaka	11,860		8,584	*	2,950	*	*	*		
Kaffa	15,115	1,859	6,742		6,514					
Gamo Gofa	1,012		*		*					
Bench Maji	*		*	*	*	*	*			
Yem Sp. Wereda	4,869	*	2,653	*	1,878					
Dawro	586		478		108	*		*		
Basketo Sp. Wereda	896		567		*					
Konta Sp. Wereda	2,321	*	*	*	692					
Silte	*		*		*					
Alaba Sp. Wereda	*	*	*		*					
Segen People	*				*					
Gambela Region	-									
Angnuwak	-									
Nuware	*				*					
Mezhenger	-									
Itang Special	-									
Harari	-					4,363	841	*	*	2,234
Hundene	-					4,363	841	*	*	2,234
Dire Dawa	*		*			6,670	1,056	2,142	1,331	2,141

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

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Ethiopia	36,017,786	14,147,154	365,854	565,078	568,071	6,497,362	184,585	79,553	12,523,928	1,086,200
Tigray	2,886,276	1,356,837	4,801	17,483	14,983	69,422	11,882	2,280	1,396,235	12,353
North West Tigray	1,136,865	490,927	*	3,353	*	20,901	4,100	*	612,263	*
Central Tigray	543,733	301,462	*	1,882	3,637	7,878	*	-	223,937	*
Eastern Tigray	279,285	139,658	*	1,884	*	19,029	*	*	111,238	*
Southern Tigray	486,648	251,727	*	3,832	6,439	20,865	2,129	*	194,305	*
Western Tigray	439,745	173,063	*	6,531	1,180	*	2,025	*	254,493	*
Afar	914,553	60,491	*	42,997	*	238,211	*	*	550,667	*
Zone 1	567,476	38,372	-	22,076	-	150,757	*	-	353,528	*
Zone 3	347,078	22,119	*	20,921	*	87,454	*	*	197,139	*
Amhara	9,809,337	4,890,843	43,301	59,750	130,669	252,292	112,133	15,706	4,035,164	269,479
North Gonder	1,982,610	895,674	*	17,201	15,128	71,905	7,027	*	910,790	61,575
South Gonder	1,151,482	570,225	*	11,582	11,210	43,233	17,232	-	483,421	14,209
North Wolo	584,113	296,473	1,754	*	7,831	7,596	7,545	*	251,706	9,266
South Wolo	1,122,604	637,512	*	3,211	8,109	26,084	7,668	*	418,512	20,157
North Shewa	1,001,019	603,310	6,526	2,414	22,505	16,480	*	*	316,913	28,331
East Gojam	1,300,518	677,641	12,552	6,486	7,009	23,674	37,920	5,399	504,205	25,634
West Gojam	1,550,410	746,933	12,847	*	37,235	45,884	17,369	3,561	607,414	64,120
Waghamera	242,686	115,070	*	1,818	*	*	*	*	113,330	6,857
Awi	663,921	246,164	6,220	*	18,236	*	10,844	2,201	343,668	33,556
Oromia	196,042	94,123	*	*	*	12,168	*	-	80,040	*
Argoba Special	13,931	7,718	-	*	-	881	*	-	5,164	*
Oromia	14,499,598	5,785,770	204,576	183,969	244,114	2,400,051	36,639	35,601	5,262,352	346,528
West Wellega	661,129	245,554	5,582	3,679	16,392	13,438	-	*	343,927	31,530
East Wellega	593,798	239,484	*	2,063	7,578	18,414	*	*	303,236	15,906
Illubabor	718,521	297,673	3,789	4,541	6,309	113,551	1,564	*	281,136	9,210
Jimma	1,446,841	607,196	*	*	32,804	303,538	*	4,944	422,381	31,047
West Shewa	1,344,269	610,357	18,922	13,099	21,659	133,840	*	*	511,303	27,243
North Shewa	1,015,501	493,049	13,580	7,405	8,651	166,307	4,833	*	310,899	*
East Shewa	805,694	434,570	4,339	8,723	19,970	106,124	2,190	1,953	196,260	31,564
Arsi	1,618,602	750,937	11,910	14,701	43,391	317,405	2,918	6,304	427,186	43,849
West Harerghe	591,630	228,112	26,193	*	3,599	30,759	-	1,149	292,325	7,891
East Harerghe	537,403	102,180	26,858	*	*	62,603	*	2,320	325,231	12,931
Bale	996,825	401,844	*	3,601	35,540	375,208	*	*	127,573	42,906
Borena	593,088	94,850	3,189	45,066	-	134,984	1,420	*	310,052	*
South West Shewa	748,587	383,101	8,357	9,828	12,844	67,612	2,016	2,926	246,340	15,562
Guji	862,313	197,979	18,859	44,152	*	177,010	-	*	389,131	23,916
West Arsi	1,182,339	344,810	3,273	15,735	17,741	372,778	*	*	396,861	28,690
Kelem Wellega	342,809	161,622	3,260	1,265	3,248	*	*	*	164,167	4,945
Horoguduru Wellega	440,249	192,451	4,246	3,060	5,757	*	7,001	*	214,343	8,195

TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Somale	361,869	38,877	*	27,832	*	151,206	*	*	130,843	*
Shinele	7,733	684	*	249	-	1,658	*	-	4,239	*
Jijiga	207,860	35,250	*	3,324	-	101,465	*	*	60,649	*
Liben	146,275	2,943	*	24,260	*	48,083	*	*	65,956	*
Benshangul-Gumuz	413,333	166,673	1,658	10,743	3,728	31,801	5,779	603	190,650	1,699
Metekel	337,298	139,912	1,093	9,575	3,548	24,432	2,680	*	154,161	1,325
Asosa	47,694	16,274	*	*	*	5,119	*	-	21,883	*
Kemeshi	22,504	7,688	*	224	*	*	*	*	11,836	*
Mao komo	5,837	2,799	*	*	-	93	*	-	2,771	*
SNNP	6,906,887	1,824,544	99,177	199,513	168,480	3,322,833	13,861	22,506	816,905	439,069
Gurage	566,715	128,902	*	7,684	12,668	327,868	*	*	29,357	52,609
Hadiya	512,046	175,487	*	4,184	15,296	262,947	*	*	18,359	33,362
Kembata Tembaro	230,205	65,120	1,178	*	9,148	121,475	*	553	2,186	29,041
Sidama	1,202,111	59,142	28,211	16,500	10,275	853,006	*	*	156,994	69,635
Gedio	76,832	10,639	28,803	*	-	14,341	-	5,608	16,109	*
Wolayita	499,373	140,424	1,226	*	35,436	231,871	1,741	*	5,778	81,591
South Omo	1,087,442	222,421	*	157,734	16,372	358,033	-	*	283,194	39,069
Shaka	80,261	24,270	401	*	*	41,248	-	*	12,669	*
Kaffa	549,876	203,271	5,856	*	*	189,340	*	2,029	135,605	6,019
Gamo Gofa	815,700	263,411	6,914	2,204	30,649	417,661	*	*	31,769	58,735
Bench Maji	203,808	86,713	*	*	*	77,611	*	*	32,906	*
Yem Sp. Wereda	50,802	23,365	421	376	1,962	8,688	168	-	11,196	4,627
Dawro	180,309	53,737	1,161	*	7,820	94,380	531	*	1,518	20,661
Basketo Sp. Wereda	28,814	10,343	160	*	1,099	14,195	-	*	*	2,020
Konta Sp. Wereda	60,731	23,091	*	*	1,893	31,479	*	-	*	3,491
Silte	363,383	155,063	*	*	10,376	155,759	*	*	18,558	20,883
Alaba Sp. Wereda	112,963	49,037	*	*	5,177	46,017	*	-	*	10,510
Segen People	285,519	130,108	5,151	5,953	3,889	76,916	*	*	58,110	*
Gambela Region	167,346	12,534	*	22,458	*	20,862	*	*	109,806	*
Angnuwak	19,315	11,107	*	*	*	3,618	*	-	2,951	*
Nuware	128,548	-	*	20,489	*	11,130	*	*	96,237	*
Mezhenger	10,879	1,427	-	-	-	6,009	-	*	3,413	-
Itang Special	*	-	-	*	-	*	-	-	*	-
Harari	32,171	5,255	2,145	241	*	7,198	*	*	16,589	573
Hundene	32,171	5,255	2,145	241	*	7,198	*	*	16,589	573
Dire Dawa	26,415	5,331	1,526	*	170	3,487	*	-	14,718	1,021

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

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	15,250,263	696,023	9,306	927,384	97,882	50,633	56,456	13,329,478	83,100
Tigray	962,012	12,059	*	86,453	*	2,942	6,376	833,764	8,895
North West Tigray	102,107	*	-	9,231	*	1,076	4,218	83,571	1,331
Central Tigray	205,438	*	-	22,079	*	268	-	178,831	782
Eastern Tigray	398,786	8,069	*	27,739	-	770	1,286	357,779	2,914
Southern Tigray	215,299	*	-	23,766	*	828	758	177,066	3,868
Western Tigray	40,382	*	-	3,639	-	-	113	36,518	-
Afar	880,483	8,987	*	91,756	*	3,817	3,861	766,490	3,129
Zone 1	503,675	3,514	*	58,043	*	414	2,696	434,388	2,889
Zone 3	376,808	*	-	33,713	*	3,403	1,165	332,101	240
Amhara	5,274,915	298,635	*	179,960	45,880	14,733	19,575	4,687,345	24,672
North Gonder	600,982	*	*	25,991	*	1,102	-	548,934	608
South Gonder	488,498	15,523	*	6,385	*	826	-	464,541	-
North Wolo	368,948	9,901	-	26,384	*	3,515	1,418	326,198	193
South Wolo	1,120,967	76,166	*	66,213	31,012	952	7,608	919,716	17,509
North Shewa	954,721	121,507	*	38,875	*	1,928	4,088	784,307	2,141
East Gojam	726,715	30,844	-	3,760	*	1,719	5,160	682,423	1,210
West Gojam	632,786	11,523	-	4,526	*	1,089	850	611,684	2,679
Waghamera	87,176	5,913	*	4,282	2,556	-	-	74,076	-
Awi	227,125	*	-	2,200	*	3,306	-	219,645	-
Oromia	61,942	4,956	-	888	3,486	297	451	51,532	332
Argoba Special	5,056	123	*	456	177	-	-	4,290	-
Oromia	4,870,819	219,347	*	198,843	31,359	19,519	17,464	4,357,658	25,686
West Wellega	116,562	3,936	-	1,518	-	-	374	110,735	-
East Wellega	112,233	2,976	*	3,058	*	-	1,176	103,594	748
Illubabor	215,960	4,669	-	7,735	1,517	458	380	200,992	209
Jimma	445,202	25,591	-	7,930	*	2,137	-	408,632	-
West Shewa	471,485	7,150	-	10,080	-	1,448	1,520	451,288	-
North Shewa	590,169	33,729	-	13,661	*	2,465	1,322	535,558	299
East Shewa	199,539	9,913	-	14,829	-	213	440	173,931	213
Arsi	778,025	34,950	-	43,082	15,398	2,991	2,660	673,563	5,381
West Harerghe	93,387	2,792	-	1,585	*	361	-	85,392	309
East Harerghe	244,281	18,709	*	*	*	-	372	219,787	1,707
Bale	198,660	*	-	*	*	2,494	1,122	156,124	166
Borena	226,775	*	*	25,340	*	211	515	194,077	754
South West Shewa	258,990	12,748	-	17,318	3,915	1,027	2,797	219,666	1,518
Guji	245,540	6,120	*	15,749	-	4,154	547	218,343	335
West Arsi	470,123	*	-	7,968	*	1,044	3,161	418,204	13,246
Kelem Wellega	112,569	*	-	6,099	*	157	187	104,049	801
Horoguduru Wellega	91,318	*	-	*	*	359	892	83,723	-

TABLE 3-8 CONT'D

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Somale	691,014	46,385	*	96,002	*	1,048	1,184	545,147	892
Shinele	29,547	2,200	*	4,328	-	284	558	22,032	-
Jijiga	477,666	43,657	-	52,133	*	562	626	379,708	892
Liben	183,801	*	*	39,542	-	202	-	143,408	-
Benshangul-Gumuz	50,699	2,813	-	4,360	*	384	15	42,984	24
Metekel	34,717	2,281	-	2,839	*	310	-	29,168	-
Asosa	8,856	*	-	1,088	-	74	-	7,544	-
Kemeshi	3,579	*	-	*	-	-	-	2,982	24
Mao Komo	3,546	*	-	232	-	-	15	3,290	-
SNNP	2,463,012	105,611	*	267,794	6,701	7,893	7,867	2,044,058	19,789
Gurage	180,621	*	-	15,942	*	205	336	158,335	951
Hadiya	135,545	7,229	-	7,873	-	261	491	116,867	2,823
Kembata Tembaro	63,947	8,129	*	3,507	1,084	534	-	49,518	1,031
Sidama	241,828	6,827	-	10,959	-	681	-	223,361	-
Gedio	105,322	6,504	*	6,399	-	-	400	91,831	-
Wolayita	98,103	4,455	-	5,643	*	791	237	86,207	514
South Omo	699,741	23,466	*	161,197	*	837	3,150	496,771	10,408
Shaka	30,617	1,554	-	1,872	-	64	-	27,128	-
Kaffa	222,596	8,268	-	*	*	1,364	359	207,516	1,122
Gamo Gofa	247,717	10,368	-	18,590	*	452	2,321	215,202	515
Bench Maji	81,941	6,773	-	4,469	-	505	-	70,075	121
Yem Sp. Wereda	15,593	*	-	*	*	-	30	14,722	155
Dawro	39,092	3,156	-	*	*	88	150	34,581	556
Basketo Sp. Wereda	11,861	265	-	662	*	-	-	10,845	-
Konta Sp. Wereda	12,737	1,510	-	486	-	250	-	10,491	-
Silte	162,161	5,461	-	11,437	*	1,515	-	141,289	1,218
Alaba Sp. Wereda	32,885	*	-	3,075	*	-	223	27,610	235
Segen People	80,704	6,327	*	11,425	*	347	171	61,708	141
Gambela Region	15,139	*	*	1,465	*	-	115	12,758	12
Angnuwak	*	*	*	*	*	-	-	318	-
Nuware	11,138	-	-	1,125	-	-	115	9,886	12
Mezhenger	2,366	*	-	*	-	-	-	1,884	-
Itang Special	*	-	-	*	-	-	-	670	-
Harari	3,153	*	-	*	-	-	-	2,922	-
Hundene	3,153	*	-	*	-	-	-	2,922	-
Dire Dawa	39,018	1,636	*	702	-	299	-	36,352	-

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

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Ethiopia	14,580,804	698,314	1,501,180	95,396	46,280	844,950	11,342,694	51,990
Tigray	2,035,283	26,027	197,567	29,951	5,829	28,548	1,735,229	12,133
North West Tigray	893,944	13,788	76,192	17,507	*	*	766,581	*
Central Tigray	586,309	5,629	69,671	*	*	*	489,124	*
Eastern Tigray	98,348	*	7,139	*	*	4,173	84,411	*
Southern Tigray	195,460	*	17,845	*	*	*	169,291	*
Western Tigray	261,222	*	26,720	*	*	-	225,821	*
Afar	1,710,502	17,949	184,736	*	4,758	232,892	1,267,373	*
Zone 1	1,077,245	*	123,066	*	*	161,559	784,254	*
Zone 3	633,256	13,597	61,670	-	*	71,333	483,119	-
Amhara	2,929,246	304,101	204,204	24,480	16,499	*	2,347,322	11,051
North Gonder	758,083	40,811	77,877	*	*	*	602,346	*
South Gonder	261,229	29,005	10,531	*	*	-	218,576	-
North Wolo	249,814	13,665	20,340	*	-	-	214,487	*
South Wolo	429,263	65,098	30,483	3,900	*	*	323,238	4,397
North Shewa	414,578	92,886	33,715	*	*	-	282,851	*
East Gojam	250,322	26,853	7,570	*	*	-	212,989	*
West Gojam	152,095	5,508	*	*	*	-	139,884	-
Waghamera	247,142	18,727	12,540	*	1,317	*	208,382	-
Awi	54,123	3,398	*	-	*	-	49,547	*
Oromia	101,201	6,963	5,472	*	*	*	86,027	*
Argoba Special	11,397	1,187	1,056	112	-	-	8,994	*
Oromia	3,817,422	193,672	223,328	20,301	10,483	213,948	3,143,527	12,163
West Wellega	54,673	*	2,546	-	-	*	51,206	-
East Wellega	67,548	2,488	2,839	*	1,166	*	59,830	-
Illubabor	108,664	*	3,590	*	-	*	98,808	*
Jimma	207,784	*	*	-	-	*	195,059	*
West Shewa	188,856	7,114	10,086	*	*	-	169,798	-
North Shewa	125,216	9,429	6,409	*	*	*	107,688	*
East Shewa	270,392	10,789	20,709	*	*	*	220,658	*
Arsi	354,486	16,095	24,297	*	*	*	289,088	*
West Harerghe	405,397	26,311	11,482	*	-	4,716	356,411	*
East Harerghe	452,615	49,997	4,327	-	*	11,452	383,937	*
Bale	395,353	19,420	29,665	-	*	97,550	247,507	*
Borena	469,098	6,885	55,425	*	*	*	393,986	*
South West Shewa	170,812	21,383	11,578	*	-	*	133,469	*
Guji	218,161	*	21,522	-	*	*	177,274	-
West Arsi	195,530	8,756	*	*	*	35,220	143,113	*
Kelem Wellega	52,345	*	3,991	*	-	-	46,234	*
Horoguduru Wellega	80,493	4,489	*	-	*	-	69,462	-

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	1,037,034	39,143	171,932	-	*	89,436	735,122	*
Shinele	71,456	4,779	7,514	-	*	5,929	52,897	-
Jijiga	447,013	33,716	58,467	-	*	*	319,853	-
Liben	518,565	*	105,951	-	*	*	362,373	*
Benshangul-Gumuz	210,477	3,640	16,974	*	*	*	185,987	*
Metekel	99,580	2,533	6,614	*	-	*	88,982	-
Asosa	86,467	*	8,844	-	*	*	74,896	*
Kemeshi	17,323	*	932	*	*	*	15,636	*
Mao Komo	7,107	*	584	*	-	*	6,473	-
SNNP	2,672,331	103,994	495,156	*	7,093	249,935	1,785,153	13,547
Gurage	64,827	*	7,265	*	-	*	48,339	*
Hadiya	76,010	*	*	-	*	*	58,425	*
Kembata Tembaro	29,546	926	*	*	-	*	26,272	*
Sidama	136,797	17,374	7,556	-	*	38,865	69,219	*
Gedio	12,576	*	*	-	-	-	8,699	-
Wolayita	63,053	2,348	3,156	-	*	*	55,717	*
South Omo	1,582,865	46,108	415,929	*	*	195,387	911,155	-
Shaka	9,225	591	*	*	-	-	8,433	-
Kaffa	127,191	2,102	*	*	*	*	119,368	*
Gamo Gofa	188,556	4,368	14,169	*	-	*	164,006	*
Bench Maji	42,278	*	*	*	*	-	35,849	-
Yem Sp. Wereda	17,104	478	432	-	*	*	15,777	*
Dawro	26,283	3,748	*	*	-	-	21,137	638
Basketo Sp. Wereda	6,799	854	454	-	-	-	5,491	-
Konta Sp. Wereda	9,152	278	*	-	-	*	7,856	-
Silte	88,392	4,088	3,002	*	*	*	77,394	*
Alaba Sp. Wereda	35,331	527	4,629	*	*	622	28,108	*
Segen People	156,345	5,478	24,782	*	*	840	123,909	*
Gambela Region	41,889	*	4,242	*	*	*	34,911	*
Angnuwak	9,998	*	850	*	*	*	8,118	*
Nuware	28,047	-	2,884	-	-	*	23,589	*
Mezhenger	1,175	*	*	*	*	-	1,002	-
Itang Special	2,670	*	445	-	-	*	2,202	-
Harari	28,485	2,437	758	-	-	881	24,316	*
Hundene	28,485	2,437	758	-	-	881	24,316	*
Dire Dawa	98,136	7,202	2,283	-	*	4,592	83,753	*

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

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	1,647,989	712,020	89,425	7,710	539,429	132,052	167,352
Tigray	3,100	2,031	-	-	1,070	-	-
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	1,475	1,272	-	-	*	-	-
Southern Tigray	*	*	-	-	*	-	-
Western Tigray	*	*	-	-	*	-	-
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	351,675	56,508	72,432	*	41,283	111,322	68,264
North Gonder	*	*	*	-	*	*	*
South Gonder	21,444	6,144	*	-	2,868	*	*
North Wolo	22,223	*	5,702	*	*	11,596	3,303
South Wolo	73,266	10,650	*	*	6,844	*	*
North Shewa	37,477	7,041	*	-	22,742	*	*
East Gojam	86,929	19,688	28,915	*	4,512	18,821	14,601
West Gojam	28,694	3,565	*	-	*	*	*
Waghamera	*	*	-	-	-	-	*
Awi	56,409	4,040	25,596	-	*	23,696	*
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
Oromia	968,215	491,423	9,051	1,773	383,834	10,171	71,962
West Wellega	*	*	*	-	*	*	*
East Wellega	*	*	-	-	*	-	*
Illubabor	37,726	13,006	*	*	11,877	*	9,384
Jimma	73,220	37,404	-	-	18,931	-	16,884
West Shewa	110,140	58,138	*	*	26,321	*	13,985
North Shewa	73,562	24,464	*	*	43,615	1,283	*
East Shewa	11,431	9,501	-	-	*	-	*
Arsi	181,363	74,690	*	-	104,774	-	*
West Harerghe	-	-	-	-	-	-	-
East Harerghe	*	-	-	-	*	*	-
Bale	65,920	42,624	*	-	18,240	-	*
Borena	*	*	-	-	*	-	-
South West Shewa	55,170	41,997	*	*	10,195	-	2,193
Guji	145,520	74,320	-	-	66,267	-	*
West Arsi	169,983	96,190	*	-	64,298	*	*
Kelem Wellega	8,405	*	-	-	4,083	-	*
Horoguduru Wellega	29,258	12,872	*	-	10,718	*	4,935

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale							
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	-	-	*	-	*
Metekel	*	*	-	-	*	-	*
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	322,526	161,055	*	3,675	112,493	10,559	26,946
Gurage	51,467	24,571	-	*	25,821	-	*
Hadiya	25,280	12,200	-	-	10,836	*	*
Kembata Tembaro	6,501	3,943	-	-	1,757	-	*
Sidama	44,335	28,877	-	-	14,497	*	*
Gedio	14,874	9,666	-	-	3,992	-	*
Wolayita	*	*	-	-	-	-	-
South Omo	28,862	*	*	-	11,290	*	*
Shaka	7,882	5,222	-	-	2,121	-	*
Kaffa	57,804	36,625	-	*	13,012	-	7,510
Gamo Gofa	37,358	5,601	*	*	7,623	*	10,994
Bench Maji	8,478	4,694	-	-	3,784	-	-
Yem Sp. Wereda	543	202	-	-	280	*	-
Dawro	4,951	2,318	-	*	1,776	-	507
Basketo Sp. Wereda	251	226	*	-	-	-	-
Konta Sp. Wereda	*	*	-	-	*	-	-
Silte	25,900	9,308	-	*	14,011	*	*
Alaba Sp. Wereda	4,318	2,898	-	*	1,283	-	*
Segen People	2,529	*	-	*	*	-	*
Gambela Region	683	528	-	*	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	683	528	-	*	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	*	*	*	*	-	-	-
Hundene	*	*	*	*	-	-	-
Dire Dawa	-	-	-	-	-	-	-

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

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	5,683,238	2,127,880	341,380	65,480	2,455,948	490,734	201,816
Tigray	587,304	244,096	52,671	*	252,655	33,698	2,500
North West Tigray	173,678	67,962	*	*	93,529	*	*
Central Tigray	146,836	51,951	17,172	*	62,833	13,053	*
Eastern Tigray	97,471	40,596	14,337	-	33,895	8,254	*
Southern Tigray	118,079	46,754	13,964	-	49,997	7,365	-
Western Tigray	51,240	36,833	*	*	12,401	*	*
Afar	92,520	25,507	*	*	45,926	*	*
Zone 1	46,034	12,359	*	*	24,721	*	*
Zone 3	46,487	13,147	*	*	21,205	-	*
Amhara	1,954,183	609,757	129,694	20,455	778,696	289,244	126,337
North Gondar	325,869	133,648	3,530	*	144,448	23,998	*
South Gondar	222,354	53,691	4,673	*	110,907	13,341	35,151
North Wolo	134,313	33,663	8,502	*	65,123	23,176	3,548
South Wolo	321,511	101,755	*	*	170,009	*	25,688
North Shewa	324,837	148,995	21,148	*	118,438	33,535	*
East Gojam	266,229	53,336	42,056	*	63,347	70,640	33,789
West Gojam	203,518	31,927	33,384	*	39,728	91,361	5,875
Waghamera	66,739	29,849	*	*	28,976	*	4,810
Awi	47,292	9,012	7,250	-	10,560	19,610	*
Oromia	39,430	13,041	-	-	25,918	*	*
Argoba Special	2,091	840	-	-	1,243	-	*
Oromia	2,322,354	916,359	117,526	20,952	1,082,013	129,672	55,832
West Wellega	84,621	21,191	*	*	48,824	*	3,468
East Wellega	67,401	28,412	4,711	*	29,011	*	*
Illubabor	39,948	15,362	*	-	16,024	*	*
Jimma	61,469	26,489	*	*	22,681	*	*
West Shewa	172,415	69,826	*	-	85,276	11,268	*
North Shewa	192,947	40,865	21,696	*	75,474	47,663	*
East Shewa	259,707	124,162	*	*	127,302	*	*
Arsi	326,214	144,101	*	*	170,859	*	*
West Harerghe	174,090	85,925	*	*	83,158	*	1,550
East Harerghe	203,022	59,064	32,595	*	72,268	17,121	*
Bale	184,341	96,201	*	*	86,275	-	*
Borena	66,157	22,091	*	*	36,363	-	3,602
South West Shewa	164,237	44,638	30,052	*	53,342	33,899	*
Guji	62,707	26,255	*	-	32,820	*	*
West Arsi	165,554	65,966	*	*	98,558	*	-
Kelem Wellega	42,147	24,299	*	-	16,703	-	*
Horoguduru Wellega	55,376	21,514	*	-	27,075	*	4,025

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	111,491	56,370	*	*	54,419	*	*
Shinele	4,538	2,049	*	-	2,450	*	-
Jijiga	57,485	27,675	*	-	29,230	-	*
Liben	49,469	26,646	-	*	22,740	-	-
Benshangul-Gumuz	55,240	23,952	15,916	*	9,296	3,558	1,399
Metekel	29,242	12,891	11,773	*	2,266	1,425	*
Asosa	19,106	8,238	*	*	6,096	*	*
Kemeshi	5,553	2,242	2,545	*	465	*	*
Mao Komo	1,339	580	*	-	468	220	*
SNNP	535,761	241,310	23,912	9,779	221,036	33,938	5,786
Gurage	84,269	34,184	*	*	43,279	*	*
Hadiya	80,808	30,687	*	*	48,286	*	*
Kembata Tembaro	25,715	22,651	-	-	2,396	-	*
Sidama	66,845	56,967	-	-	9,877	-	-
Gedio	*	*	-	-	*	-	-
Wolayita	34,443	24,223	-	5,814	*	-	*
South Omo	20,584	3,677	3,085	-	6,835	*	*
Shaka	2,576	2,390	*	-	-	-	-
Kaffa	*	847	-	-	*	-	-
Gamo Gofa	59,170	26,885	*	-	4,940	21,314	*
Bench Maji	*	*	-	*	-	-	-
Yem Sp. Wereda	3,211	832	*	-	1,837	*	201
Dawro	2,496	1,519	-	521	374	-	*
Basketo Sp. Wereda	995	467	-	-	528	-	-
Konta Sp. Wereda	1,288	*	*	*	*	-	-
Silte	85,809	18,878	-	-	64,385	*	*
Alaba Sp. Wereda	31,047	6,992	-	-	23,716	*	*
Segen People	30,936	6,027	12,017	*	8,917	2,861	*
Gambela Region	*	*	*	-	-	-	-
Angnuwak	*	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	9,905	5,587	630	-	3,455	234	-
Hundene	9,905	5,587	630	-	3,455	234	-
Dire Dawa	13,670	4,159	454	-	8,451	264	*

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

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	344,103	140,685	17,174	3,426	162,616	15,488	4,713
Tigray	5,185	2,644	-	-	2,540	-	-
North West Tigray	*	*	-	-	-	-	-
Central Tigray	1,035	*	-	-	*	-	-
Eastern Tigray	1,534	*	-	-	1,146	-	-
Southern Tigray	*	*	-	-	*	-	-
Western Tigray	1,059	634	-	-	*	-	-
Afar	*	*	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	-	-	-
Amhara	122,516	39,538	15,291	*	55,782	8,381	*
North Gondar	12,107	*	*	-	4,832	*	-
South Gondar	14,221	2,195	*	-	7,196	*	-
North Wolo	9,589	4,481	*	-	3,508	1,345	-
South Wolo	20,653	5,070	*	*	13,927	*	-
North Shewa	9,376	5,657	-	-	3,719	-	-
East Gojam	15,776	*	*	-	3,787	2,915	*
West Gojam	26,004	4,423	*	*	14,997	*	*
Waghamera	2,650	*	-	-	2,240	-	-
Awi	11,809	5,929	3,637	*	*	*	-
Oromia	*	*	-	-	*	-	-
Argoba Special	*	*	-	-	*	-	-
Oromia	142,478	61,663	*	*	75,829	*	*
West Wellega	4,771	1,766	*	-	2,808	-	-
East Wellega	4,716	1,752	*	-	2,827	-	-
Illubabor	14,679	3,759	-	-	10,512	-	*
Jimma	17,442	3,284	*	-	12,855	*	-
West Shewa	11,113	4,914	*	*	4,117	*	*
North Shewa	3,625	*	-	-	2,463	*	-
East Shewa	9,506	8,453	-	-	*	-	-
Arsi	18,728	7,030	-	-	11,698	-	-
West Harerghe	3,098	1,706	-	-	*	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	17,654	11,211	-	-	6,443	-	-
Borena	1,750	1,389	-	-	*	-	-
South West Shewa	5,624	2,183	-	-	2,913	*	-
Guji	14,528	4,893	-	-	9,635	-	-
West Arsi	4,909	3,704	-	-	*	-	-
Kelem Wellega	6,852	3,627	-	-	3,225	-	-
Horoguduru Wellega	3,166	1,159	-	-	2,008	-	-

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	*	*	-	-	*	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	*	-	-	-	*	-	-
Liben	*	*	-	-	-	-	-
Benshangul-Gumuz	1,936	1,188	-	*	*	-	*
Metekel	1,745	1,026	-	*	*	-	*
Asosa	-	-	-	-	-	-	-
Kemeshi	*	*	-	-	*	-	-
Mao Komo	*	*	-	-	-	-	-
SNNP	71,227	35,036	*	1,523	27,941	*	991
Gurage	3,742	*	-	-	*	*	*
Hadiya	3,698	1,681	-	-	*	-	-
Kembata Tembaro	760	*	-	-	*	-	-
Sidama	*	*	-	-	*	-	-
Gedio	2,765	2,003	-	*	*	-	-
Wolayita	*	*	-	*	-	-	-
South Omo	13,127	5,453	*	-	*	*	-
Shaka	933	641	*	-	*	-	-
Kaffa	11,534	8,366	-	*	2,950	-	-
Gamo Gofa	13,256	6,459	-	*	3,490	*	*
Bench Maji	1,012	*	-	-	*	-	-
Yem Sp. Wereda	123	*	-	-	*	*	-
Dawro	4,531	2,390	-	*	1,569	-	*
Basketo Sp. Wereda	586	478	-	-	108	-	-
Konta Sp. Wereda	896	440	-	*	*	-	*
Silte	1,955	*	-	-	692	-	-
Alaba Sp. Wereda	*	*	-	-	*	-	-
Segen People	*	*	*	*	*	-	*
Gambela Region	*	-	-	-	*	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	-	-	-	*	-	-
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	*	*	-	-	-	-	-

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
Ethiopia	852,394	186,240	19,166	17,777	50,825	*	23,421	*	306,940	243,543
Tigray	45,031	37,197	-	5,735	*	-	*	-	*	*
North West Tigray	13,788	8,256	-	4,851	*	-	-	-	-	-
Central Tigray	3,274	3,006	-	-	-	-	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-
Southern Tigray	20,061	18,882	-	*	*	-	-	-	*	-
Western Tigray	7,908	7,053	-	*	-	-	-	-	*	*
Afar	322,288	48,818	*	*	6,890	*	*	*	141,867	108,626
Zone 1	116,549	31,798	-	*	*	-	1,151	-	18,551	59,137
Zone 3	205,739	17,020	*	-	*	*	*	*	123,315	*
Amhara	61,773	50,883	-	10,012	*	-	*	-	*	-
North Gonder	*	*	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-
North Wolo	17,120	11,502	-	*	*	-	-	-	-	-
South Wolo	*	*	-	-	-	-	-	-	-	-
North Shewa	14,763	10,067	-	*	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-
Oromia	11,847	11,271	-	*	-	-	*	-	*	-
Argoba Special	499	499	-	-	-	-	-	-	-	-
Oromia	150,408	15,416	10,280	*	7,683	*	*	-	68,182	45,782
West Wellega	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-
East Shewa	*	-	-	-	*	-	-	-	*	*
Arsi	*	-	-	-	-	-	-	-	*	-
West Harerghe	19,596	*	*	-	*	-	-	-	*	6,247
East Harerghe	21,457	*	1,461	*	*	-	-	-	*	*
Bale	21,116	*	*	-	*	*	*	-	10,522	*
Borena	52,476	2,699	*	-	4,213	*	*	-	16,032	24,790
South West Shewa	-	-	-	-	-	-	-	-	-	-
Guji	*	*	*	-	*	-	*	-	*	*
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
Somale	263,215	31,447	*	*	33,253	*	9,673	-	92,452	87,654
Shinele	5,668	1,106	*	-	*	*	501	-	1,284	2,022
Jijiga	93,357	15,033	*	*	4,788	*	*	-	35,013	26,935
Liben	164,190	15,309	*	-	28,273	-	*	-	56,154	58,697
Benshangul-Gumuz	*	-	-	-	*	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	*	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-
SNNP	*	*	*	*	*	-	-	-	*	*
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	-	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	2,492	*	*	-	*	-	-	-	2,072	*
Hundene	2,492	*	*	-	*	-	-	-	2,072	*
Dire Dawa	4,283	2,070	*	-	*	-	*	-	797	1,010

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	56,706,389	24,975,627	263,424	23,938	30,973,075	413,324	57,001
Tigray	4,578,181	2,190,024	17,732	4,115	2,329,683	24,193	12,434
North West Tigray	1,858,256	824,190	*	*	1,029,582	*	*
Central Tigray	786,271	430,419	5,935	*	341,447	4,523	2,915
Eastern Tigray	437,686	216,309	7,386	1,158	195,737	12,080	5,017
Southern Tigray	728,441	385,160	*	*	329,674	*	*
Western Tigray	767,527	333,946	-	*	433,242	*	*
Afar	1,580,313	320,115	-	-	1,258,904	*	*
Zone 1	997,288	199,330	-	-	797,139	*	-
Zone 3	583,025	120,785	-	-	461,765	*	*
Amhara	14,710,911	7,465,509	78,662	6,796	7,048,346	95,556	16,042
North Gondar	3,221,340	1,515,908	5,427	-	1,692,594	6,956	*
South Gondar	1,707,436	887,913	*	-	812,042	4,627	-
North Wolo	859,951	434,033	5,340	*	415,143	4,225	*
South Wolo	1,645,306	868,175	26,661	*	702,077	35,502	8,650
North Shewa	1,392,619	824,875	18,444	-	530,619	18,295	*
East Gojam	1,897,257	997,801	9,881	*	875,749	9,648	*
West Gojam	2,275,899	1,163,621	7,039	-	1,096,007	*	*
Waghamera	360,842	170,780	-	-	190,061	-	-
Awi	1,038,346	450,424	*	*	574,490	*	*
Oromia	291,105	140,903	*	-	149,829	*	-
Argoba Special	20,810	11,075	-	-	9,735	-	-
Oromia	22,925,730	10,233,775	137,706	8,969	12,340,125	188,864	16,290
West Wellega	1,021,103	435,345	-	-	585,344	*	-
East Wellega	931,441	416,882	*	-	513,832	-	*
Illubabor	1,155,324	512,938	-	-	642,010	*	-
Jimma	2,200,106	1,038,407	-	-	1,161,311	*	-
West Shewa	2,073,280	1,025,044	*	*	1,035,602	*	*
North Shewa	1,539,525	725,304	47,353	*	700,168	61,079	4,585
East Shewa	1,147,173	629,378	*	-	506,112	*	*
Arsi	2,528,903	1,192,713	52,026	5,694	1,212,283	59,826	6,361
West Harerghe	997,181	461,341	-	-	535,598	*	-
East Harerghe	1,062,263	394,297	*	*	658,398	*	*
Bale	1,569,229	708,864	4,876	*	847,905	*	*
Borena	1,052,770	334,209	-	-	718,560	-	-
South West Shewa	1,104,820	592,193	1,215	*	507,773	*	*
Guji	1,408,486	505,264	-	-	903,222	-	-
West Arsi	1,957,066	700,964	20,353	-	1,197,561	38,189	-
Kelem Wellega	517,961	250,073	*	-	266,759	*	-
Horoguduru Wellega	659,098	310,559	533	*	347,687	*	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	645,166	203,295	-	-	441,871	-	-
Shinele	14,526	4,494	-	-	10,032	-	-
Jijiga	380,041	127,494	-	-	252,547	-	-
Liben	250,599	71,307	-	-	179,293	-	-
Benshangul-Gumuz	659,587	305,642	-	-	353,840	*	-
Metekel	532,762	251,587	-	-	281,069	*	-
Asosa	74,886	31,359	-	-	43,527	-	-
Kemeshi	41,977	17,742	-	-	24,235	-	-
Mao Komo	9,962	4,953	-	-	5,008	-	-
SNNP	11,215,636	4,138,413	28,635	3,871	6,931,352	102,060	11,305
Gurage	933,025	323,044	*	*	603,588	*	*
Hadiya	819,467	330,287	2,618	*	465,645	15,361	*
Kembata Tembaro	360,359	118,533	10,474	*	183,785	43,373	3,380
Sidama	2,131,224	483,051	11,925	-	1,605,262	30,397	*
Gedio	108,219	57,283	-	-	49,746	*	*
Wolayita	798,067	314,814	*	-	480,525	*	-
South Omo	1,673,434	646,788	*	*	1,024,394	*	*
Shaka	137,652	51,058	*	-	85,676	*	*
Kaffa	931,307	397,256	-	-	533,386	-	*
Gamo Gofa	1,324,813	516,197	*	*	806,807	*	*
Bench Maji	324,442	146,184	-	-	178,029	*	-
Yem Sp. Wereda	69,693	36,054	-	*	33,519	*	-
Dawro	303,640	117,215	*	-	186,156	*	-
Basketo Sp. Wereda	48,774	21,785	*	*	26,788	*	*
Konta Sp. Wereda	102,302	42,947	-	-	59,183	*	-
Silte	573,013	254,498	*	-	315,797	1,694	*
Alaba Sp. Wereda	166,871	78,974	*	*	86,179	*	*
Segen People	409,333	202,446	-	-	206,887	-	-
Gambela Region	278,584	79,587	-	*	198,864	*	-
Angnuwak	28,241	17,015	-	*	11,123	-	-
Nuware	214,153	52,833	-	-	161,319	-	-
Mezhenger	20,980	6,095	-	-	14,855	*	-
Itang Special	*	3,643	-	-	*	-	-
Harari	62,401	21,568	*	*	38,112	*	692
Hundene	62,401	21,568	*	*	38,112	*	692
Dire Dawa	49,880	17,699	*	-	31,978	*	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	29,332,382	7,960,925	21,484	4,702	21,306,226	28,269	*
Tigray	1,817,305	472,224	*	-	1,344,189	*	-
North West Tigray	175,587	44,975	-	-	130,612	-	-
Central Tigray	406,018	104,264	-	-	301,753	-	-
Eastern Tigray	733,852	178,496	-	-	555,356	-	-
Southern Tigray	414,508	123,993	*	-	290,230	-	-
Western Tigray	87,339	20,496	*	-	66,238	*	-
Afar	1,665,727	373,143	-	-	1,292,465	*	-
Zone 1	945,218	216,024	-	-	729,074	*	-
Zone 3	720,508	157,118	-	-	563,390	-	-
Amhara	10,024,277	2,665,770	18,975	4,450	7,299,628	24,860	*
North Gondar	1,250,549	325,907	-	-	924,642	-	-
South Gondar	956,191	245,900	*	-	709,170	*	*
North Wolo	649,187	158,060	2,706	*	483,504	*	*
South Wolo	1,972,764	589,352	9,035	3,774	1,346,655	*	*
North Shewa	1,783,632	537,902	*	-	1,236,595	*	-
East Gojam	1,404,354	296,385	*	-	1,104,655	*	-
West Gojam	1,260,317	310,648	-	-	949,669	-	-
Waghamera	141,874	39,455	-	-	102,419	-	-
Awi	485,236	121,081	-	-	364,156	-	-
Oromia	110,905	38,446	*	-	71,530	*	-
Argoba Special	9,269	2,636	-	-	6,633	-	-
Oromia	9,715,587	2,650,665	*	-	7,061,951	*	*
West Wellega	255,786	69,860	-	-	185,925	-	-
East Wellega	240,511	69,752	-	-	170,760	-	-
Illubabor	410,295	105,699	-	-	304,414	-	*
Jimma	824,208	227,310	-	-	596,898	-	-
West Shewa	978,136	252,708	-	-	725,428	-	-
North Shewa	1,072,075	265,581	-	-	806,226	*	-
East Shewa	364,976	97,825	-	-	267,151	-	-
Arsi	1,662,797	469,744	-	-	1,192,458	*	-
West Harerghe	193,889	53,834	-	-	140,055	-	-
East Harerghe	478,736	139,482	*	-	338,249	*	-
Bale	378,286	126,446	-	-	251,840	-	-
Borena	439,082	118,231	-	-	320,850	-	-
South West Shewa	540,232	160,946	*	-	378,367	*	-
Guji	484,473	125,708	-	-	358,765	-	-
West Arsi	946,595	243,842	-	-	702,753	-	-
Kelem Wellega	246,799	71,834	-	-	174,965	-	-
Horoguduru Wellega	198,709	51,864	-	-	146,845	-	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,296,412	419,302	-	-	877,110	-	-
Shinele	55,387	17,878	-	-	37,509	-	-
Jijiga	922,687	307,449	-	-	615,239	-	-
Liben	318,337	93,975	-	-	224,362	-	-
Benshangul-Gumuz	104,547	36,159	-	-	68,388	-	-
Metekel	69,808	24,117	-	-	45,691	-	-
Asosa	17,643	5,978	-	-	11,665	-	-
Kemeshi	8,530	3,352	-	-	5,179	-	-
Mao Komo	8,566	2,712	-	-	5,854	-	-
SNNP	4,580,220	1,308,714	*	*	3,269,137	*	-
Gurage	340,873	99,034	-	-	241,839	-	-
Hadiya	273,215	69,669	-	-	203,547	-	-
Kembata Tembaro	115,579	37,802	*	-	77,390	*	-
Sidama	455,052	112,696	-	-	342,356	-	-
Gedio	187,528	55,729	-	-	131,799	-	-
Wolayita	215,579	53,633	-	*	161,695	-	-
South Omo	1,205,825	400,617	-	-	805,208	-	-
Shaka	58,806	15,362	-	-	43,444	-	-
Kaffa	420,378	108,948	-	-	311,431	-	-
Gamo Gofa	466,627	121,591	*	-	343,509	*	-
Bench Maji	152,648	43,044	-	-	109,605	-	-
Yem Sp. Wereda	28,651	6,861	-	-	21,790	-	-
Dawro	87,806	24,854	-	-	62,952	-	-
Basketo Sp. Wereda	21,219	4,754	-	-	16,466	-	-
Konta Sp. Wereda	28,293	10,335	-	-	17,913	*	-
Silte	324,251	79,440	*	-	244,651	-	-
Alaba Sp. Wereda	60,475	18,867	-	-	41,608	-	-
Segen People	137,414	45,479	-	-	91,936	-	-
Gambela Region	35,476	10,985	-	-	24,492	-	-
Angnuwak	*	*	-	-	*	-	-
Nuware	26,363	7,146	-	-	19,217	-	-
Mezhenger	5,915	2,752	-	-	3,163	-	-
Itang Special	*	*	-	-	*	-	-
Harari	6,287	2,032	-	-	4,254	-	-
Hundene	6,287	2,032	-	-	4,254	-	-
Dire Dawa	86,545	21,931	-	-	64,614	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	29,112,963	8,415,047	*	*	20,687,260	4,087	*
Tigray	4,255,290	1,147,909	*	*	3,100,037	*	*
North West Tigray	1,971,601	522,188	*	-	1,448,324	*	-
Central Tigray	1,139,452	321,595	*	*	812,239	*	*
Eastern Tigray	183,043	44,922	-	-	138,121	-	-
Southern Tigray	381,346	106,737	-	-	274,610	-	-
Western Tigray	579,847	152,467	*	-	426,744	*	-
Afar	3,149,351	650,321	-	*	2,497,961	-	*
Zone 1	1,999,445	399,654	-	-	1,599,791	-	-
Zone 3	1,149,905	250,667	-	*	898,170	-	*
Amhara	6,064,944	1,982,002	-	-	4,082,641	*	-
North Gondar	1,773,651	575,934	-	-	1,197,717	-	-
South Gondar	547,051	180,869	-	-	366,182	-	-
North Wolo	479,981	137,216	-	-	342,464	*	-
South Wolo	785,527	274,883	-	-	510,643	-	-
North Shewa	820,947	332,125	-	-	488,822	-	-
East Gojam	549,794	173,736	-	-	376,058	-	-
West Gojam	353,157	101,738	-	-	251,419	-	-
Waghamera	416,551	101,498	-	-	315,053	-	-
Awi	125,007	39,830	-	-	85,177	-	-
Oromia	189,575	55,501	-	-	134,074	-	-
Argoba Special	23,705	8,672	-	-	15,033	-	-
Oromia	7,849,924	2,218,873	-	-	5,631,050	-	-
West Wellega	129,692	40,499	-	-	89,193	-	-
East Wellega	154,536	46,986	-	-	107,550	-	-
Illubabor	237,811	62,915	-	-	174,896	-	-
Jimma	411,180	105,549	-	-	305,631	-	-
West Shewa	430,886	126,177	-	-	304,709	-	-
North Shewa	268,697	87,575	-	-	181,122	-	-
East Shewa	584,350	175,274	-	-	409,076	-	-
Arsi	738,729	201,887	-	-	536,842	-	-
West Harerghe	884,494	248,782	-	-	635,713	-	-
East Harerghe	928,729	292,912	-	-	635,817	-	-
Bale	742,490	198,321	-	-	544,169	-	-
Borena	878,355	225,488	-	-	652,867	-	-
South West Shewa	352,194	116,772	-	-	235,422	-	-
Guji	424,525	108,714	-	-	315,811	-	-
West Arsi	404,118	100,830	-	-	303,288	-	-
Kelem Wellega	113,514	30,847	-	-	82,667	-	-
Horoguduru Wellega	165,624	49,347	-	-	116,277	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,903,891	583,118	-	-	1,320,772	-	-
Shinele	145,595	42,218	-	-	103,378	-	-
Jijiga	878,610	303,748	-	-	574,863	-	-
Liben	879,685	237,153	-	-	642,532	-	-
Benshangul-Gumuz	440,719	125,354	-	-	315,365	-	-
Metekel	208,516	61,727	-	-	146,789	-	-
Asosa	173,826	46,933	-	-	126,893	-	-
Kemeshi	40,771	11,126	-	-	29,645	-	-
Mao Komo	17,605	5,567	-	-	12,038	-	-
SNNP	5,092,628	1,613,251	*	-	3,477,632	*	-
Gurage	121,291	43,426	-	-	77,865	-	-
Hadiya	157,514	46,558	-	-	110,956	-	-
Kembata Tembaro	61,576	15,889	*	-	43,943	*	-
Sidama	267,039	84,498	-	-	182,541	-	-
Gedio	20,056	7,025	-	-	13,031	-	-
Wolayita	146,292	36,959	-	-	109,332	-	-
South Omo	2,924,841	972,457	-	-	1,952,383	-	-
Shaka	20,212	5,717	-	-	14,495	-	-
Kaffa	255,210	65,621	-	-	189,589	-	-
Gamo Gofa	378,797	112,907	-	-	265,891	-	-
Bench Maji	80,996	25,127	-	-	55,869	-	-
Yem Sp. Wereda	32,283	7,861	-	-	24,422	-	-
Dawro	58,899	20,133	-	-	38,766	-	-
Basketo Sp. Wereda	12,172	3,722	-	-	8,451	-	-
Konta Sp. Wereda	19,236	6,566	-	-	12,670	-	-
Silte	190,842	53,275	-	-	137,568	-	-
Alaba Sp. Wereda	67,163	20,911	-	-	46,252	-	-
Segen People	278,209	84,601	-	-	193,608	-	-
Gambela Region	88,610	23,883	-	-	64,727	-	-
Angnuwak	20,772	5,966	-	-	14,806	-	-
Nuware	59,717	15,252	-	-	44,465	-	-
Mezhenger	2,917	1,223	-	-	1,694	-	-
Itang Special	5,204	1,442	-	-	3,762	-	-
Harari	57,624	18,223	*	-	39,205	*	-
Hundene	57,624	18,223	*	-	39,205	*	-
Dire Dawa	209,982	52,112	-	-	157,870	-	-

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

a. All

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	56,866,719	5,807,609	3,214,333	5,914,054	1,679,687	21,429,389	18,821,646
Tigray	6,189,848	532,629	472,761	811,316	287,665	2,251,786	1,833,692
North West Tigray	2,365,451	177,571	218,733	298,096	100,247	1,014,883	555,920
Central Tigray	1,390,782	124,576	81,920	170,571	67,091	505,798	440,826
Eastern Tigray	843,780	91,532	47,265	140,978	20,363	170,489	373,153
Southern Tigray	778,159	81,071	42,767	97,216	55,522	219,230	282,352
Western Tigray	811,677	57,879	82,076	104,455	44,442	341,385	181,440
Afar	132,215	15,170	7,917	13,039	13,046	46,131	36,912
Zone 1	*	*	-	*	*	*	*
Zone 3	123,437	13,944	7,917	12,729	12,583	44,580	31,684
Amhara	18,031,121	1,621,646	981,692	1,867,420	401,764	7,612,551	5,546,048
North Gonder	5,588,277	397,087	388,015	665,456	116,849	2,754,626	1,266,245
South Gonder	1,995,572	131,298	103,504	166,471	39,619	920,958	633,722
North Wolo	983,179	187,354	52,510	129,791	24,823	296,879	291,821
South Wolo	1,914,572	296,696	58,534	164,837	63,809	643,252	687,444
North Shewa	1,661,943	182,872	72,399	160,458	63,466	488,999	693,748
East Gojam	1,346,786	103,972	62,655	131,792	29,088	435,927	583,352
West Gojam	2,857,716	190,844	150,325	279,936	29,369	1,316,931	890,310
Waghamera	339,076	36,648	20,901	35,225	15,474	119,765	111,063
Awi	1,041,199	59,850	59,735	92,141	10,194	506,292	312,988
Oromia	271,931	30,332	11,800	38,239	8,294	115,738	67,527
Argoba Special	30,871	4,694	1,313	3,073	780	13,184	7,828
Oromia	20,076,129	2,307,620	1,011,007	1,957,266	613,712	6,755,045	7,431,480
West Wellega	1,511,905	151,679	108,225	172,036	28,492	653,691	397,781
East Wellega	898,153	92,175	47,681	81,635	5,209	407,892	263,561
Illubabor	1,170,634	149,211	54,663	94,115	36,398	439,675	396,571
Jimma	1,818,613	182,218	43,368	113,411	23,998	785,776	669,842
West Shewa	1,740,215	180,047	58,670	112,000	55,060	655,632	678,807
North Shewa	1,012,655	121,853	31,746	70,609	32,332	245,393	510,722
East Shewa	1,235,831	131,158	66,009	127,377	62,082	348,659	500,546
Arsi	1,885,492	249,873	116,730	233,188	76,903	410,681	798,117
West Harerghe	1,433,669	168,789	79,238	199,354	32,781	458,136	495,370
East Harerghe	1,512,267	176,884	78,449	148,767	38,652	382,468	687,048
Bale	728,740	100,905	55,964	101,847	14,675	180,037	275,313
Borena	651,351	77,964	39,205	65,276	13,855	248,158	206,894
South West Shewa	1,003,869	106,605	40,725	72,871	65,916	311,152	406,601
Guji	914,805	111,386	47,384	87,240	51,230	337,297	280,268
West Arsi	1,105,688	137,392	58,949	128,825	51,703	271,484	457,336
Kelem Wellega	935,027	104,550	45,486	82,289	15,392	425,181	262,129
Horoguduru Wellega	517,213	64,930	38,515	66,424	9,037	193,733	144,573

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	162,884	26,341	5,706	14,385	6,833	50,946	58,673
Shinele	5,765	1,186	470	590	265	*	2,052
Jijiga	11,744	2,426	*	*	*	2,790	4,734
Liben	145,374	22,729	4,975	13,251	5,579	46,953	51,887
Benshangul-Gumuz	1,375,326	114,476	92,948	157,574	42,022	664,896	303,410
Metekel	562,806	44,706	31,581	51,588	*	293,135	130,837
Asosa	623,084	52,291	45,907	80,032	26,986	284,493	133,375
Kemeshi	122,446	11,212	10,435	17,685	*	55,701	24,283
Mao Komo	66,990	6,267	5,025	8,268	947	31,568	14,915
SNNP	10,433,773	1,131,045	607,082	1,037,175	305,005	3,888,194	3,465,272
Gurage	771,417	100,826	46,448	62,056	37,876	228,675	295,536
Hadiya	989,002	105,924	52,843	83,482	50,997	431,429	264,326
Kembata Tembaro	389,421	32,587	11,330	29,860	6,230	171,288	138,126
Sidama	1,785,141	133,329	92,247	176,957	21,775	681,596	679,236
Gedio	235,597	34,183	11,615	25,815	6,309	62,809	94,867
Wolayita	945,773	85,089	66,151	108,852	36,275	372,821	276,584
South Omo	1,131,438	165,843	81,031	121,322	32,051	371,450	359,741
Shaka	163,783	13,540	7,407	13,256	*	62,370	66,717
Kaffa	877,634	88,348	62,400	88,474	7,350	340,757	290,306
Gamo Gofa	1,014,442	120,808	63,392	108,283	33,985	350,014	337,960
Bench Maji	494,180	46,787	36,204	52,386	4,887	215,038	138,878
Yem Sp. Wereda	43,580	4,844	1,157	3,485	1,272	11,480	21,341
Dawro	163,560	22,475	7,556	11,318	6,936	57,041	58,234
Basketo Sp. Wereda	70,901	9,020	4,507	7,653	1,370	26,351	22,000
Konta Sp. Wereda	97,140	12,718	4,812	6,125	5,520	39,067	28,897
Silte	701,310	82,717	23,323	78,937	30,261	258,214	227,858
Alaba Sp. Wereda	160,515	17,160	4,107	14,031	9,123	69,383	46,711
Segen People	398,939	54,848	30,552	44,881	12,295	138,409	117,955
Gambela Region	307,387	38,651	26,763	39,903	5,025	120,173	76,872
Angnuwak	137,939	16,455	11,707	20,333	1,447	59,234	28,764
Nuware	82,463	10,859	8,633	11,204	2,269	30,268	19,230
Mezhenger	49,910	5,909	1,937	4,000	915	17,028	20,120
Itang Special	37,074	5,428	4,485	4,366	*	13,643	8,758
Harari	71,419	10,156	5,100	7,631	2,611	19,352	26,569
Hundene	71,419	10,156	5,100	7,631	2,611	19,352	26,569
Dire Dawa	86,617	9,874	3,357	8,348	2,005	20,315	42,718

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	54,510,523	5,559,948	3,087,998	5,591,139	1,602,366	20,899,205	17,769,868
Tigray	5,223,952	455,909	425,641	650,732	252,700	1,998,661	1,440,309
North West Tigray	2,165,806	159,607	209,457	267,784	94,378	939,814	494,766
Central Tigray	1,162,429	106,274	71,405	135,209	55,847	446,837	346,857
Eastern Tigray	540,537	70,552	31,764	79,583	15,890	104,390	238,357
Southern Tigray	625,155	68,433	38,378	74,627	44,674	193,163	205,879
Western Tigray	730,025	51,043	74,636	93,528	41,911	314,456	154,450
Afar	131,501	14,932	7,917	13,039	13,046	46,131	36,436
Zone 1	*	*	-	*	*	*	*
Zone 3	122,724	13,706	7,917	12,729	12,583	44,580	31,208
Amhara	17,311,216	1,539,504	944,281	1,785,346	383,380	7,429,103	5,229,601
North Gondar	5,464,411	388,054	374,875	655,601	116,299	2,703,406	1,226,177
South Gondar	1,919,868	123,880	102,712	160,256	38,380	895,524	599,115
North Wolo	952,283	184,721	51,660	123,966	24,020	293,909	274,007
South Wolo	1,763,736	277,927	52,187	143,286	54,154	619,154	617,029
North Shewa	1,580,846	164,877	67,492	155,600	62,009	474,549	656,319
East Gojam	1,256,255	97,298	58,263	116,913	27,444	404,577	551,759
West Gojam	2,745,673	177,061	146,281	265,100	29,105	1,295,637	832,490
Waghamera	327,996	35,731	20,011	33,930	14,151	118,089	106,083
Awi	1,006,495	56,148	57,686	89,606	9,508	497,263	296,284
Oromia	262,990	29,157	11,800	38,015	7,531	113,922	62,565
Argoba Special	30,663	4,650	1,313	3,073	780	13,075	7,773
Oromia	19,614,151	2,252,967	991,472	1,910,492	594,801	6,690,451	7,173,970
West Wellega	1,486,574	148,380	105,723	170,436	28,117	646,757	387,161
East Wellega	895,515	91,765	47,523	81,635	5,209	407,892	261,491
Illubabor	1,152,332	145,112	54,355	92,642	35,298	436,802	388,123
Jimma	1,801,982	179,728	42,301	113,411	23,998	782,143	660,402
West Shewa	1,694,989	175,091	55,855	110,027	55,060	648,649	650,307
North Shewa	963,373	116,540	30,697	66,213	31,757	234,298	483,867
East Shewa	1,192,207	126,145	64,124	124,580	59,838	343,911	473,609
Arsi	1,784,449	237,032	114,392	217,648	71,831	399,663	743,884
West Harerghe	1,429,218	168,319	78,955	198,710	32,781	458,136	492,317
East Harerghe	1,459,032	174,118	76,595	145,721	38,349	376,022	648,226
Bale	695,560	94,984	52,884	93,764	13,337	176,172	264,419
Borena	649,079	77,964	39,205	65,173	13,855	246,825	206,058
South West Shewa	975,500	104,384	39,910	71,362	58,456	308,558	392,830
Guji	911,548	111,149	46,847	86,435	51,230	337,297	278,590
West Arsi	1,085,128	134,184	58,665	124,955	51,703	270,535	445,087
Kelem Wellega	925,230	103,918	45,300	81,892	15,020	424,166	254,934
Horoguduru Wellega	512,437	64,153	38,142	65,889	8,962	192,626	142,665

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	156,994	25,311	5,706	14,288	5,790	50,445	55,455
Shinele	5,690	1,148	470	590	265	*	2,014
Jijiga	11,527	2,426	*	*	*	2,790	4,517
Liben	139,777	21,737	4,975	13,154	4,535	46,452	48,923
Benshangul-Gumuz	1,357,468	110,618	92,322	154,249	42,022	660,112	298,145
Metekel	557,816	43,456	31,060	51,588	*	291,968	128,785
Asosa	610,978	49,876	45,803	76,762	26,986	281,163	130,388
Kemeshi	121,784	11,046	10,435	17,630	*	55,413	24,131
Mao Komo	66,890	6,241	5,025	8,268	947	31,568	14,841
SNNP	10,257,430	1,102,894	585,554	1,007,388	301,092	3,865,324	3,395,179
Gurage	726,707	93,877	40,005	53,827	37,054	226,596	275,348
Hadiya	978,536	103,419	51,728	82,725	48,718	431,429	260,518
Kembata Tembaro	371,375	29,976	9,107	26,701	6,106	169,337	130,148
Sidama	1,763,585	130,396	90,718	174,652	21,775	675,531	670,513
Gedio	232,157	33,806	10,272	24,472	6,309	62,809	94,490
Wolayita	921,186	81,489	61,627	104,918	36,275	369,129	267,748
South Omo	1,116,965	164,547	79,543	114,205	32,051	370,369	356,251
Shaka	162,461	13,337	7,131	12,996	*	62,299	66,206
Kaffa	872,165	87,079	61,927	87,836	7,350	339,943	288,031
Gamo Gofa	1,003,612	118,510	62,250	107,548	33,696	349,700	331,907
Bench Maji	492,073	45,997	36,099	52,302	4,537	215,038	138,100
Yem Sp. Wereda	42,741	4,691	1,157	3,485	1,272	11,480	20,655
Dawro	160,987	21,917	7,403	11,165	6,936	56,651	56,915
Basketo Sp. Wereda	70,221	8,921	4,476	7,548	1,370	26,141	21,766
Konta Sp. Wereda	96,718	12,669	4,812	6,078	5,520	38,850	28,788
Silte	689,148	80,922	22,641	78,068	30,261	252,760	224,497
Alaba Sp. Wereda	158,263	16,580	4,107	14,031	9,123	68,853	45,568
Segen People	398,530	54,760	30,552	44,832	12,245	138,409	117,731
Gambela Region	306,988	38,612	26,763	39,851	5,025	120,134	76,603
Angnuwak	137,887	16,455	11,707	20,280	1,447	59,234	28,764
Nuware	82,308	10,820	8,633	11,204	2,269	30,230	19,152
Mezhenger	49,719	5,909	1,937	4,000	915	17,028	19,928
Itang Special	37,074	5,428	4,485	4,366	*	13,643	8,758
Harari	69,467	10,005	5,062	7,555	2,578	18,783	25,485
Hundene	69,467	10,005	5,062	7,555	2,578	18,783	25,485
Dire Dawa	81,355	9,195	3,280	8,200	1,933	20,061	38,686

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,586,144	165,281	107,637	194,803	41,366	488,479	588,579
Tigray	603,852	56,200	41,972	96,700	17,038	222,515	169,428
North West Tigray	168,813	15,227	8,630	25,793	*	68,520	46,639
Central Tigray	133,757	11,830	9,761	18,544	4,330	50,280	39,012
Eastern Tigray	166,193	14,739	12,853	32,259	2,071	-	47,516
Southern Tigray	79,578	9,987	3,718	11,813	5,061	23,469	25,531
Western Tigray	55,511	4,417	7,010	8,290	1,571	23,493	10,729
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	513,705	46,271	33,088	46,386	11,342	179,335	197,283
North Gondar	107,653	7,258	11,796	-	-	51,220	26,974
South Gondar	50,151	3,198	-	4,155	-	25,434	15,332
North Wolo	16,273	1,134	-	1,592	*	-	9,470
South Wolo	68,989	6,164	*	9,787	*	*	22,736
North Shewa	63,878	10,624	*	*	*	14,450	33,293
East Gojam	79,401	5,245	-	8,997	*	-	28,189
West Gojam	85,092	8,251	-	*	-	21,294	43,492
Waghamera	7,744	642	-	*	*	-	2,774
Awii	30,347	3,338	-	*	*	-	13,505
Oromia	-	*	-	*	*	-	1,475
Argoba Special	*	*	-	-	-	-	*
Oromia	342,389	44,736	18,060	32,618	10,337	61,041	175,596
West Wellega	-	*	-	*	*	-	-
East Wellega	2,638	-	-	-	-	-	2,070
Illubabor	13,903	*	-	*	*	-	5,719
Jimma	15,465	-	-	-	-	-	8,274
West Shewa	31,904	3,444	*	*	-	*	21,416
North Shewa	43,674	4,540	-	*	-	-	23,467
East Shewa	32,885	3,873	*	2,571	*	4,748	18,353
Arsi	70,947	9,838	-	*	3,809	10,680	37,114
West Harerghe	-	*	*	*	-	-	*
East Harerghe	28,021	2,096	-	3,046	-	-	14,277
Bale	28,979	5,557	-	7,670	*	*	8,698
Borena	-	-	-	-	-	-	836
South West Shewa	18,526	1,474	-	*	*	-	10,174
Gujji	*	-	-	-	-	-	*
West Arsi	18,246	2,924	*	3,586	-	-	10,786
Kelem Wellega	6,521	*	-	*	-	-	4,341
Horoguduru Wellega	4,596	-	-	-	-	-	1,728

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	*	-	-	-	-	-	*
Shinele	-	-	-	-	-	-	-
Jijiga	*	-	-	-	-	-	*
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	*	1,297	-	*	-	*	-
Metekel	3,745	*	-	-	-	*	-
Asosa	*	*	-	*	-	-	-
Kemeshi	*	-	-	-	-	-	*
Mao Komo	*	-	-	-	-	-	*
SNNP	105,695	14,996	13,776	17,943	*	19,763	37,715
Gurage	16,433	2,045	*	*	*	*	5,882
Hadiya	3,120	*	*	-	*	-	*
Kembata Tembaro	13,951	2,054	*	*	-	*	5,646
Sidama	17,004	*	*	*	-	-	7,116
Gedio	-	-	-	-	-	-	-
Wolayita	21,602	*	-	-	-	-	6,856
South Omo	*	*	*	*	-	*	*
Shaka	*	*	*	*	-	-	*
Kaffa	*	*	*	*	-	-	*
Gamo Gofa	8,003	*	-	-	-	-	3,868
Bench Maji	395	*	-	*	*	-	*
Yem Sp. Wereda	477	*	-	-	-	-	447
Dawro	2,051	475	*	*	-	-	*
Basketo Sp. Wereda	*	-	*	*	-	-	*
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	-	*	-	*	-	*	*
Alaba Sp. Wereda	*	*	-	-	-	-	*
Segen People	*	-	-	*	*	-	*
Gambela Region	340	-	-	-	-	-	210
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	133	-	-	-	-	-	133
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	2,730	323	-	-	-	-	1,857

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	770,052	82,381	18,698	128,112	35,956	41,705	463,200
Tigray	362,044	20,521	5,147	63,884	17,927	30,610	223,955
North West Tigray	30,831	2,738	-	4,518	*	-	14,516
Central Tigray	94,596	6,473	-	16,818	6,913	-	54,957
Eastern Tigray	137,050	6,241	-	29,136	2,402	9,346	87,279
Southern Tigray	73,426	2,651	-	10,776	5,787	-	50,943
Western Tigray	26,141	2,418	-	2,637	-	-	16,261
Afar	*	*	-	-	-	-	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	-	-	*
Amhara	206,200	35,871	4,323	35,687	7,042	-	119,164
North Gondar	-	-	-	*	*	-	-
South Gondar	25,554	4,220	*	-	*	-	19,274
North Wolo	14,622	-	*	-	*	*	-
South Wolo	81,847	12,605	*	11,765	*	*	47,679
North Shewa	17,218	-	*	*	*	-	4,137
East Gojam	-	-	*	-	*	*	3,404
West Gojam	26,951	-	*	*	*	-	14,328
Waghamera	3,335	-	*	*	*	*	2,206
Awi	-	-	*	*	*	*	-
Oromia	4,949	*	-	-	*	*	3,488
Argoba Special	*	*	-	-	-	*	*
Oromia	119,589	9,917	-	-	8,575	-	81,914
West Wellega	5,295	*	*	*	*	*	4,295
East Wellega	-	*	*	-	-	-	-
Illubabor	4,400	*	*	*	*	*	2,729
Jimma	-	*	*	-	-	*	-
West Shewa	13,323	-	*	*	-	*	7,084
North Shewa	5,609	-	*	*	*	*	-
East Shewa	10,739	-	*	-	*	-	8,584
Arsi	30,096	3,004	*	*	-	-	17,119
West Harerghe	3,393	*	-	-	-	-	*
East Harerghe	-	-	*	-	*	*	-
Bale	-	-	*	-	*	*	-
Borena	*	-	-	*	-	*	-
South West Shewa	-	-	*	*	*	*	-
Guji	*	*	*	*	-	-	*
West Arsi	-	-	-	-	-	*	-
Kelem Wellega	3,276	*	*	*	*	*	2,854
Horoguduru Wellega	-	*	*	*	*	*	-

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	*	*	-	*	*	*	*
Shinele	*	*	-	-	-	-	*
Jijiga	*	-	-	-	-	-	*
Liben	*	*	-	*	*	*	*
Benshangul-Gumuz	*	-	*	*	-	*	3,447
Metekel	-	*	*	-	-	*	672
Asosa	*	*	*	*	-	*	2,675
Kemeshi	*	*	-	*	-	*	*
Mao Komo	*	*	-	-	-	-	*
SNNP	70,648	13,155	7,753	11,844	*	3,107	32,377
Gurage	28,277	-	*	*	*	-	14,306
Hadiya	-	*	*	*	*	-	*
Kembata Tembaro	4,094	557	*	*	*	*	2,332
Sidama	-	*	*	*	-	*	-
Gedio	*	*	*	*	-	-	*
Wolayita	-	*	*	*	-	*	-
South Omo	*	-	-	*	-	*	*
Shaka	*	*	-	-	-	*	*
Kaffa	*	*	*	*	-	*	*
Gamo Gofa	-	*	*	*	*	*	-
Bench Maji	-	*	*	-	-	-	*
Yem Sp. Wereda	361	*	-	-	-	-	239
Dawro	-	-	*	*	-	*	*
Basketo Sp. Wereda	*	*	-	*	-	*	*
Konta Sp. Wereda	*	*	-	*	-	*	*
Silte	3,374	*	*	*	-	*	*
Alaba Sp. Wereda	*	*	-	-	-	*	*
Segen People	*	*	-	-	-	-	*
Gambela Region	-	*	-	*	-	*	-
Angnuwak	*	-	-	*	-	-	-
Nuware	*	*	-	-	-	*	*
Mezhenger	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	*	*	*	*	*	*	*
Hundene	*	*	*	*	*	*	*
Dire Dawa	2,532	356	*	*	*	*	2,176

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

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Ethiopia	5,885,263	48,711,892	5,663,492	1.63	44,280,365	71,900	1.67	927,639	149,871	1.62	3,503,889
Tigray	250,598	3,611,761	188,318	1.5	2,111,128	*	*	*	58,010	1.63	1,433,920
North West Tigray	61,212	1,034,586	49,189	1.49	697,152	*	*	*	10,275	2.14	280,824
Central Tigray	81,468	1,308,022	60,245	1.29	682,518	*	*	*	20,493	1.45	625,140
Eastern Tigray	41,631	631,753	22,138	1.55	213,146	*	*	*	17,700	1.45	408,868
Southern Tigray	38,836	288,048	32,396	1.63	240,424	-	-	-	6,440	1.55	47,623
Western Tigray	27,451	349,353	24,350	1.86	277,888	-	-	-	3,102	2.16	*
Afar	2,360	*	2,360	*	*	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	2,360	*	2,360	*	*	-	-	-	-	-	-
Amhara	1,361,329	11,118,249	1,296,931	1.5	10,262,193	18,366	1.56	293,386	46,032	1.51	562,671
North Gonder	345,491	3,650,433	340,776	1.66	3,568,361	*	*	*	*	*	*
South Gonder	125,427	832,028	118,712	1.5	728,279	*	*	*	3,688	1.54	*
North Wolo	45,899	267,227	43,268	1.53	243,417	*	*	*	1,779	1.32	19,987
South Wolo	160,158	1,137,859	149,432	1.36	1,039,845	*	*	*	8,988	1.46	89,593
North Shewa	64,288	306,056	61,547	1.43	279,391	689	*	*	*	*	*
East Gojam	160,827	1,137,363	151,557	1.5	1,068,983	2,045	*	*	7,225	1.63	65,044
West Gojam	291,267	2,258,205	282,977	1.38	2,169,697	*	*	*	6,453	1.49	72,749
Waghamera	53,232	389,747	48,390	1.31	341,162	*	*	*	4,572	1.27	47,302
Awi	106,248	1,005,683	93,762	1.59	766,393	*	*	*	*	*	*
Oromia	7,286	*	5,354	1.37	47,836	*	*	*	*	*	*
Argoba Special	1,205	9,191	1,155	1.59	8,829	*	*	*	42	1	325
Oromia	2,864,320	19,063,088	2,809,143	1.57	18,276,825	37,572	1.62	426,367	17,605	1.56	359,896
West Wellega	230,212	1,067,438	227,712	1.12	1,045,558	*	*	*	*	*	*
East Wellega	132,789	360,687	132,561	1.11	356,129	*	*	*	-	-	-
Illubabor	598,361	4,286,076	583,053	1.59	4,026,989	12,989	1.38	141,064	*	1.45	118,023
Jimma	570,241	3,380,284	547,974	1.32	3,114,366	14,430	1.54	107,218	*	*	*
West Shewa	204,449	1,616,125	200,813	1.48	1,604,280	*	*	*	*	*	*
North Shewa	77,377	585,074	77,377	1.62	585,074	-	-	-	-	-	-
East Shewa	*	*	*	1.47	*	*	*	*	*	*	*
Arsi	122,779	1,085,923	121,815	1.76	1,046,091	-	*	*	964	1.46	15,888
West Harerghe	67,655	689,283	66,676	2.09	668,978	*	*	*	*	*	*
East Harerghe	52,062	404,193	51,778	1.88	402,485	-	*	*	*	*	*
Bale	154,352	1,732,851	149,843	1.69	1,652,403	*	*	*	1,317	*	*
Borena	89,004	605,935	87,797	1.77	591,448	*	*	*	-	-	-
South West Shewa	95,520	627,735	95,014	2.07	589,574	*	*	*	*	-	-
Guji	143,161	736,690	143,161	1.37	736,690	-	-	-	-	-	-
West Arsi	97,758	1,131,001	96,402	1.55	1,113,396	-	-	-	*	*	*
Kelem Wellega	98,014	351,377	97,829	1.18	350,267	-	-	-	*	*	*
Horoguduru Wellega	113,904	320,984	113,904	1.22	320,984	-	-	-	-	-	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Somale	1,351	8,584	1,351	2.07	8,584	-	-	-	-	-	-
Shinele	*	*	*	*	*	-	-	-	-	-	-
Jijiga	*	*	*	*	*	-	-	-	-	-	-
Liben	*	*	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	218,616	3,785,532	215,130	1.37	3,096,103	*	*	*	*	*	*
Metekel	104,475	*	103,807	1.37	*	*	*	*	*	*	*
Asosa	36,513	*	33,822	1.18	*	*	-	-	*	*	*
Kemeshi	*	*	*	1.89	*	-	-	-	*	*	*
Mao Komo	42,121	234,687	42,091	1.38	233,927	-	-	-	*	*	*
SNNP	1,127,618	9,749,336	1,091,546	2.05	9,156,967	10,704	1.95	137,087	*	2.13	*
Gurage	60,762	450,038	51,999	2.04	312,819	2,792	2.13	*	*	*	*
Hadiya	56,818	559,008	56,818	2.45	559,008	-	-	-	-	-	-
Kembata Tembaro	30,502	278,900	29,506	2.73	271,458	*	*	*	*	*	*
Sidama	96,114	962,496	81,398	2	678,189	*	*	*	*	*	*
Gedio	57,604	226,203	56,220	1.24	205,036	960	1.67	*	*	*	*
Wolayita	53,869	378,614	51,231	2.45	337,387	*	*	*	*	*	*
South Omo	206,123	1,883,529	204,749	2.23	1,857,170	*	*	*	*	*	*
Shaka	88,070	833,035	87,777	1.17	827,682	*	*	*	-	-	-
Kaffa	166,080	1,012,934	164,333	1.3	997,007	1,327	*	*	*	*	*
Gamo Gofa	91,536	637,201	91,247	1.75	637,201	*	-	-	-	-	-
Bench Maji	82,969	1,266,576	82,776	2.01	1,262,704	-	-	-	194	2.02	3,872
Yem Sp. Wereda	13,086	59,878	12,866	1.48	57,743	*	*	*	*	*	*
Dawro	37,537	511,830	35,960	*	492,108	*	*	*	-	-	-
Basketo Sp. Wereda	5,497	21,211	5,466	1.66	20,837	-	-	-	*	*	*
Konta Sp. Wereda	11,694	180,792	11,599	2.02	179,839	*	*	*	-	-	-
Silte	27,145	206,102	26,491	2.34	198,262	-	-	-	*	*	*
Alaba Sp. Wereda	10,088	146,829	8,985	2.53	128,358	*	*	*	*	*	*
Segen People	32,125	134,159	32,125	1.46	134,159	-	-	-	-	-	-
Gambella Region	55,502	*	55,224	2.55	*	*	*	*	*	*	*
Agnuwak	36,527	*	36,390	2.55	*	-	-	-	*	*	*
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	18,975	*	18,835	*	*	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-
Harari	1,291	6,630	1,291	1.51	6,630	-	-	-	-	-	-
Hundene	1,291	6,630	1,291	1.51	6,630	-	-	-	-	-	-
Dire Dawa	2,278	10,560	2,198	1.93	10,240	*	*	*	-	-	-

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

a. Cattle

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	10,574,602	5,056,905	5,517,697	4,171,485	2,595,042	1,576,443	734,103	288,521	445,582
Tigray	836,488	398,636	437,852	201,508	134,538	66,970	22,269	9,197	13,072
North West Tigray	378,523	172,651	205,872	42,048	20,822	21,226	8,835	3,544	5,291
Central Tigray	103,666	50,478	53,187	45,349	37,023	8,326	3,076	*	1,797
Eastern Tigray	71,304	33,417	37,887	43,421	27,904	15,517	*	*	*
Southern Tigray	117,682	59,501	58,181	45,848	31,814	14,034	5,290	2,639	2,650
Western Tigray	165,314	82,589	82,725	24,841	16,974	7,868	3,941	1,163	2,778
Afar	396,139	134,753	261,386	12,803	3,160	9,644	*	*	*
Zone 1	255,647	91,071	164,576	5,079	*	3,613	*	*	*
Zone 3	140,492	43,682	96,810	7,724	1,693	6,031	*	-	*
Amhara	2,202,766	1,071,005	1,131,761	1,253,713	891,307	362,406	109,363	44,640	64,723
North Gondar	592,151	287,876	304,275	147,310	101,128	46,182	13,720	6,227	7,493
South Gondar	253,236	127,605	125,631	114,595	76,180	38,415	4,996	2,342	2,654
North Wolo	136,566	64,359	72,207	100,815	66,787	34,028	12,415	4,391	8,024
South Wolo	249,689	121,559	128,129	230,400	163,763	66,637	21,093	7,705	13,388
North Shewa	157,209	81,045	76,164	109,972	86,573	23,399	16,841	3,855	12,985
East Gojam	226,170	108,181	117,988	184,744	126,346	58,398	14,652	6,126	8,526
West Gojam	314,157	143,110	171,047	259,501	203,872	55,629	5,454	4,650	*
Waghamera	59,987	28,605	31,382	17,115	9,635	7,480	6,076	3,079	2,997
Awii	157,676	81,521	76,155	69,898	42,996	26,902	7,237	2,034	5,202
Oromia	51,732	25,268	26,463	18,248	13,368	4,880	6,470	4,056	2,414
Argoba Special	4,194	1,877	2,317	1,115	659	456	409	174	234
Oromia	4,324,453	2,094,511	2,229,942	1,711,065	1,108,421	602,644	344,721	146,450	198,272
West Wellega	171,648	84,303	87,345	85,387	54,148	31,239	*	*	*
East Wellega	165,985	83,363	82,622	47,296	30,370	16,926	6,873	3,527	3,346
Illubabor	228,535	108,804	119,731	96,830	57,488	39,342	25,437	8,880	16,557
Jimma	388,043	195,373	192,670	183,335	133,854	49,481	94,232	47,521	46,711
West Shewa	363,775	179,259	184,515	164,483	114,714	49,769	18,755	8,086	10,669
North Shewa	254,507	125,694	128,814	125,427	79,846	45,581	17,017	7,752	9,265
East Shewa	167,163	77,908	89,255	81,243	58,716	22,527	9,797	5,101	4,696
Arsi	470,821	223,586	247,236	207,621	143,189	64,432	30,134	12,944	17,190
West Harerghe	210,299	107,477	102,822	137,221	101,255	35,965	29,730	11,178	18,552
East Harerghe	275,562	149,889	125,674	70,694	33,087	37,607	30,759	5,711	25,049
Bale	325,248	155,845	169,404	100,039	67,762	32,277	8,749	1,910	6,839
Borena	266,765	123,274	143,491	30,146	14,216	15,931	7,434	*	3,838
South West Shewa	146,438	69,969	76,470	112,704	64,563	48,141	15,133	10,181	4,952
Guji	278,276	129,071	149,205	60,971	35,485	25,486	5,376	*	4,122
West Arsi	423,918	193,622	230,296	104,816	50,821	53,994	10,380	3,917	6,462
Kelem Wellega	86,618	40,598	46,020	69,047	48,950	20,097	*	*	*
Horoguduru Wellega	100,852	46,477	54,374	33,807	19,957	13,850	5,136	2,651	2,484

TABLE 3-19 - a CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	186,257	91,529	94,728	3,860	1,864	1,996	3,119	*	2,108
Shinele	3,973	1,725	2,248	108	*	73	*	*	84
Jijiga	113,337	58,530	54,807	1,426	*	*	*	*	*
Liben	68,947	31,273	37,674	2,326	829	1,497	*	*	*
Benshangul-Gumuz	129,277	64,311	64,965	47,928	27,554	20,374	2,670	834	1,836
Metekel	95,749	47,672	48,076	27,161	16,251	10,910	1,450	614	836
Asosa	20,274	10,518	9,755	11,823	6,032	5,791	-	-	-
Kemeshi	11,111	5,015	6,096	6,138	3,339	2,799	*	*	*
Mao Komo	2,143	1,106	1,038	2,805	1,932	873	*	*	*
SNNP	2,403,975	1,158,688	1,245,287	919,221	417,381	501,840	235,713	82,918	152,795
Gurage	210,853	106,456	104,398	83,756	34,424	49,332	19,664	4,456	15,208
Hadiya	178,530	82,957	95,573	67,058	32,607	34,451	22,055	10,745	11,310
Kembata Tembaro	83,749	36,657	47,092	33,682	15,307	18,375	8,143	3,811	4,332
Sidama	570,113	290,387	279,726	180,745	25,309	155,436	17,721	*	17,143
Gedio	11,602	6,500	5,102	49,424	35,438	13,986	*	*	-
Wolayita	181,163	90,393	90,770	118,560	58,136	60,424	11,032	4,000	7,031
South Omo	278,217	123,523	154,694	39,078	19,735	19,343	29,928	9,547	20,381
Shaka	34,749	17,643	17,105	14,867	8,587	6,280	8,264	2,864	5,400
Kaffa	205,124	100,831	104,294	62,240	37,272	24,968	27,352	10,323	17,030
Gamo Gofa	278,659	127,600	151,059	115,618	59,979	55,639	38,796	13,527	25,269
Bench Maji	70,097	33,721	36,376	36,362	22,397	13,965	22,093	7,482	14,612
Yem Sp. Wereda	10,283	5,613	4,669	5,954	3,982	1,973	1,966	815	1,151
Dawro	61,762	31,517	30,245	27,278	11,948	15,330	2,213	1,226	987
Basketo Sp. Wereda	9,454	4,515	4,939	5,482	2,892	2,590	1,589	510	1,079
Konta Sp. Wereda	23,603	10,629	12,974	10,776	5,593	5,183	1,552	732	*
Silte	101,406	46,032	55,373	29,334	16,390	12,944	11,225	5,716	5,509
Alaba Sp. Wereda	30,366	14,305	16,061	5,982	3,894	2,087	4,875	2,563	2,312
Segen People	64,244	29,407	34,837	33,026	23,491	9,535	6,687	3,464	*
Gambela Region	70,243	30,389	39,854	15,727	7,803	7,924	7,171	2,122	5,048
Angnuwak	4,852	2,698	2,154	7,454	5,415	*	*	*	*
Nuware	54,570	22,343	32,227	4,907	1,330	3,576	6,136	1,721	4,415
Mezhenger	7,734	4,173	3,561	3,241	1,052	2,189	580	*	359
Itang Special	*	*	*	126	*	120	*	*	*
Harari	13,735	7,239	6,496	2,967	1,450	1,517	876	*	772
Hundene	13,735	7,239	6,496	2,967	1,450	1,517	876	*	772
Dire Dawa	11,269	5,844	5,425	2,692	1,564	1,128	1,196	319	877

b. Sheep

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	12,712,314	6,044,806	6,667,508	4,800,254	2,511,521	2,288,733	546,432	109,877	436,555
Tigray	677,956	306,529	371,427	197,464	70,095	127,368	5,607	2,261	*
North West Tigray	58,441	25,420	33,022	19,954	*	16,066	*	-	*
Central Tigray	149,440	64,406	85,033	28,703	6,877	21,826	-	-	-
Eastern Tigray	277,990	127,059	150,931	58,683	16,754	41,929	*	*	*
Southern Tigray	152,276	72,296	79,981	85,822	41,069	44,753	*	*	*
Western Tigray	39,809	17,349	22,460	4,301	*	2,794	-	-	-
Afar	576,884	226,050	350,834	67,398	31,091	36,308	5,997	*	5,572
Zone 1	351,151	134,909	216,242	23,715	13,551	10,164	4,412	*	3,987
Zone 3	225,733	91,142	134,592	43,683	17,539	26,144	*	-	*
Amhara	4,905,297	2,407,250	2,498,047	2,660,980	1,589,184	1,071,796	248,014	50,484	197,530
North Gonder	696,652	345,752	350,900	186,275	102,315	83,961	*	*	*
South Gonder	498,890	253,802	245,087	133,315	49,595	83,720	2,585	*	*
North Wolo	261,743	126,755	134,987	144,415	73,123	71,291	32,035	5,634	26,401
South Wolo	817,181	389,623	427,558	814,735	564,141	250,594	98,190	15,777	82,412
North Shewa	739,595	348,030	391,565	181,370	119,006	62,365	45,920	7,473	38,447
East Gojam	742,750	368,301	374,449	461,781	222,366	239,415	18,930	5,794	13,136
West Gojam	753,957	372,843	381,114	473,401	302,061	171,340	20,762	5,962	14,799
Waghamera	57,928	29,190	28,738	13,507	5,823	7,685	*	1,107	*
Awi	287,891	147,975	139,915	209,916	126,754	83,162	14,491	*	9,179
Oromia	43,873	22,861	21,013	40,309	23,451	16,858	5,396	*	*
Argoba Special	4,839	2,116	2,722	1,955	550	1,405	*	*	*
Oromia	4,474,457	2,137,561	2,336,896	1,247,153	571,562	675,591	156,435	31,074	125,361
West Wellega	135,057	66,571	68,486	41,073	12,210	28,863	3,068	*	2,363
East Wellega	139,849	68,398	71,451	28,590	15,164	13,427	3,886	*	3,027
Illubabor	186,643	92,901	93,742	57,592	17,975	39,617	10,915	*	10,704
Jimma	395,085	201,421	193,665	114,026	50,484	63,543	48,438	11,286	37,152
West Shewa	545,194	268,923	276,271	115,096	52,954	62,142	13,086	*	12,094
North Shewa	540,419	262,386	278,033	317,238	193,682	123,556	17,763	*	11,612
East Shewa	128,775	63,960	64,815	35,795	14,726	21,068	*	*	*
Arsi	721,686	311,184	410,502	141,953	58,520	83,432	7,968	2,115	5,853
West Harerghe	87,901	45,052	42,849	17,998	3,497	14,501	4,433	*	3,925
East Harerghe	192,194	100,990	91,204	43,206	20,271	22,935	15,452	1,527	13,925
Bale	162,471	80,901	81,571	30,179	9,966	20,213	*	-	*
Borena	172,257	73,856	98,401	12,666	2,498	10,169	*	*	*
South West Shewa	205,567	92,858	112,708	96,529	69,105	27,424	6,947	*	6,026
Guji	198,300	89,349	108,951	44,276	8,963	35,314	*	*	*
West Arsi	430,124	206,073	224,052	90,171	16,667	73,504	*	*	1,364
Kelem Wellega	132,300	67,054	65,246	32,915	10,461	22,454	10,169	*	9,239
Horoguduru Wellega	100,634	45,685	54,950	27,851	14,421	13,430	3,714	*	2,652

TABLE 3-19 - b CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	404,961	184,998	219,963	10,646	4,294	6,352	*	*	*
Shinele	16,418	7,353	9,065	434	296	138	98	*	*
Jijiga	279,141	130,925	148,216	4,576	*	2,563	*	*	*
Liben	109,402	46,720	62,682	5,635	1,984	3,651	1,672	*	1,509
Benshangul-Gumuz	54,490	27,597	26,894	*	*	*	1,749	*	1,632
Metekel	31,457	15,678	15,779	*	*	*	*	-	*
Asosa	13,023	6,757	6,265	4,579	1,141	3,438	-	-	-
Kemeshi	4,435	2,460	1,975	3,020	2,024	995	*	-	*
Mao Komo	5,576	2,702	2,874	1,414	351	1,063	419	*	*
SNNP	1,564,417	729,334	835,083	544,679	198,283	346,397	118,417	23,876	94,541
Gurage	116,345	62,461	53,884	41,252	15,063	26,189	4,782	*	3,864
Hadiya	110,112	47,527	62,585	35,657	10,070	25,587	8,719	*	6,916
Kembata Tembaro	36,132	17,428	18,705	19,637	10,521	9,117	6,594	1,577	5,017
Sidama	164,487	80,294	84,193	86,845	11,254	75,591	*	*	*
Gedio	69,211	37,231	31,981	51,065	26,853	24,212	*	-	*
Wolayita	78,852	35,436	43,416	50,855	11,246	39,608	9,088	988	8,100
South Omo	291,747	123,213	168,534	28,047	6,657	21,390	*	*	*
Shaka	25,934	10,852	15,082	18,966	12,788	6,178	3,004	*	2,759
Kaffa	203,297	104,553	98,744	50,147	27,416	22,731	20,343	2,052	18,291
Gamo Gofa	151,989	68,069	83,920	56,059	20,210	35,849	8,261	*	7,086
Bench Maji	63,655	29,828	33,827	37,722	20,590	17,132	10,380	858	9,522
Yem Sp. Wereda	11,606	6,315	5,291	1,733	344	1,389	1,227	*	1,109
Dawro	30,842	15,593	15,249	15,141	6,894	8,247	777	337	440
Basketo Sp. Wereda	7,049	3,127	3,922	2,302	501	1,801	635	*	509
Konta Sp. Wereda	9,974	4,705	5,269	6,798	3,627	3,171	*	*	*
Silte	128,107	53,806	74,300	26,438	8,563	17,875	11,233	1,097	10,136
Alaba Sp. Wereda	19,819	10,479	9,341	2,490	832	1,658	2,198	*	1,963
Segen People	45,259	18,420	26,840	13,525	4,853	8,672	1,786	905	881
Gambela Region	14,777	6,174	8,603	7,532	5,765	1,767	462	226	236
Angnuwak	*	*	*	*	*	*	-	-	-
Nuware	11,490	4,870	6,620	550	*	396	*	*	*
Mezhenger	1,851	755	1,096	5,950	4,688	1,262	213	*	*
Itang Special	*	*	*	*	-	*	*	-	*
Harari	2,199	1,330	869	915	593	322	*	-	*
Hundene	2,199	1,330	869	915	593	322	*	-	*
Dire Dawa	36,876	17,982	18,893	3,367	2,227	1,140	2,694	397	2,297

c. Goats

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	12,094,738	5,449,956	6,644,782	2,435,851	964,365	1,471,486	487,359	107,455	379,904
Tigray	1,781,026	796,286	984,740	226,788	65,179	161,608	20,545	3,034	17,511
North West Tigray	853,835	370,841	482,994	65,518	10,128	55,389	2,355	*	2,032
Central Tigray	428,998	199,707	229,291	55,593	19,644	35,949	*	*	*
Eastern Tigray	71,214	33,526	37,688	21,900	6,160	15,740	*	*	*
Southern Tigray	147,709	73,435	74,275	50,364	20,388	29,975	*	*	*
Western Tigray	279,270	118,777	160,492	33,413	8,859	24,554	*	*	*
Afar	1,097,437	417,501	679,936	109,549	60,503	49,046	23,687	4,655	19,032
Zone 1	729,590	269,838	459,752	52,108	*	26,805	19,322	4,180	15,142
Zone 3	367,846	147,663	220,184	57,441	35,201	22,241	*	*	*
Amhara	3,136,463	1,467,389	1,669,074	962,869	464,953	497,916	142,462	25,816	116,647
North Gonder	1,057,676	493,223	564,454	192,876	74,616	118,260	11,436	*	9,170
South Gonder	290,095	147,964	142,131	66,774	26,618	40,156	*	*	*
North Wolo	228,137	109,483	118,655	95,967	41,384	54,583	14,338	*	13,029
South Wolo	340,335	162,271	178,064	228,079	107,804	120,275	41,953	7,200	34,753
North Shewa	367,363	169,183	198,180	113,990	71,576	42,414	22,704	5,914	16,790
East Gojam	278,094	128,294	149,800	66,249	31,462	34,786	*	*	*
West Gojam	213,222	91,986	121,236	96,866	59,832	37,034	*	*	*
Waghamera	172,653	73,303	99,350	35,922	14,208	21,713	14,280	1,793	12,488
Awi	81,521	39,337	42,184	32,581	20,344	12,237	2,083	*	*
Oromia	96,073	46,386	49,688	30,169	15,770	14,399	11,245	2,583	8,662
Argoba Special	11,293	5,960	5,332	3,398	1,340	2,058	684	*	597
Oromia	3,506,231	1,632,305	1,873,925	709,734	228,024	481,711	135,397	23,326	112,071
West Wellega	82,799	42,761	40,038	22,578	*	17,525	*	*	*
East Wellega	90,824	44,358	46,466	22,012	10,314	11,698	2,389	*	2,062
Illubabor	115,209	53,491	61,718	43,673	13,185	30,488	5,096	*	4,366
Jimma	187,416	92,915	94,501	36,959	13,950	23,009	22,353	*	19,388
West Shewa	243,500	119,146	124,354	47,766	18,148	29,618	*	*	*
North Shewa	129,853	66,145	63,708	47,831	23,331	24,500	*	*	*
East Shewa	260,198	126,441	133,756	47,742	18,919	28,822	4,877	*	3,984
Arsi	330,477	137,649	192,828	60,786	17,503	43,283	*	*	*
West Harerghe	416,648	193,260	223,388	77,815	22,615	55,201	20,057	4,675	15,382
East Harerghe	365,413	193,594	171,819	73,934	25,315	48,619	26,775	5,744	21,031
Bale	317,378	142,541	174,837	62,920	15,857	47,063	9,419	*	8,166
Borena	313,979	129,137	184,842	21,060	3,163	17,897	*	*	*
South West Shewa	145,545	64,771	80,774	33,949	13,640	20,309	3,613	*	3,113
Guji	171,932	77,900	94,031	16,145	*	14,420	3,289	*	3,011
West Arsi	186,408	79,891	106,517	48,251	9,663	38,587	*	*	*
Kelem Wellega	59,122	26,034	33,087	28,911	9,560	19,351	4,096	-	4,096
Horoguduru Wellega	89,529	42,271	47,258	17,403	6,082	11,321	2,388	*	2,120

TABLE 3-19 - c CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	580,884	247,152	333,732	16,239	5,788	10,451	8,429	1,768	6,662
Shinele	50,117	21,081	29,036	1,570	996	574	604	191	413
Jijiga	284,687	133,886	150,801	*	*	*	*	*	*
Liben	246,079	92,184	153,895	10,999	2,824	8,175	4,085	*	3,779
Benshangul-Gumuz	265,463	124,045	141,418	66,623	22,567	44,056	3,935	405	3,530
Metekel	116,324	56,773	59,550	32,966	12,865	20,101	*	*	*
Asosa	110,819	49,671	61,148	25,252	7,060	18,192	*	*	*
Kemeshi	24,211	10,931	13,279	4,837	1,693	3,145	*	-	*
Mao Komo	14,109	6,669	7,440	3,567	949	2,618	*	*	290
SNNP	1,581,140	697,642	883,498	323,200	107,644	215,556	145,178	*	98,365
Gurage	44,233	21,572	22,661	24,254	11,660	12,594	*	*	*
Hadiya	62,723	27,568	35,154	28,107	12,001	16,106	*	*	*
Kembata Tembaro	23,600	10,788	12,812	9,566	3,943	5,623	4,670	811	3,859
Sidama	98,167	46,475	51,692	60,824	23,418	37,406	*	-	*
Gedio	6,250	2,109	4,141	2,164	*	1,434	-	-	-
Wolayita	47,349	20,989	26,360	28,450	7,319	21,131	3,793	999	2,794
South Omo	736,179	285,820	450,359	32,004	8,842	23,162	*	*	*
Shaka	10,041	4,919	5,122	6,308	3,024	3,284	1,092	284	808
Kaffa	131,573	70,095	61,478	25,729	7,882	17,847	10,532	*	9,446
Gamo Gofa	133,201	67,461	65,739	42,304	10,304	32,000	20,830	3,903	16,927
Bench Maji	40,270	19,957	20,313	15,022	6,824	8,198	4,238	644	3,594
Yem Sp. Wereda	14,281	7,267	7,014	1,481	*	1,241	706	*	583
Dawro	23,085	11,748	11,337	11,008	3,106	7,903	*	-	*
Basketo Sp. Wereda	3,529	1,661	1,868	1,646	420	1,225	208	*	175
Konta Sp. Wereda	8,299	4,736	3,564	3,176	990	2,186	*	*	*
Silte	80,590	38,868	41,722	13,198	2,835	10,362	3,519	686	2,833
Alaba Sp. Wereda	24,396	11,354	13,043	3,211	1,288	1,923	1,802	*	1,580
Segen People	93,374	44,254	49,119	14,749	2,819	11,931	4,257	1,129	3,128
Gambela Region	40,452	18,206	22,247	9,531	3,310	6,222	1,074	*	773
Angnuwak	11,230	5,433	5,797	5,075	1,745	3,330	*	*	*
Nuware	25,959	11,337	14,623	2,535	*	1,943	805	*	601
Mezhenger	1,199	584	615	1,806	926	880	*	-	*
Itang Special	2,064	851	1,212	*	*	*	*	-	*
Harari	19,523	10,456	9,068	2,889	1,839	1,049	1,106	228	878
Hundene	19,523	10,456	9,068	2,889	1,839	1,049	1,106	228	878
Dire Dawa	86,120	38,976	47,145	8,428	4,557	3,871	5,546	1,109	4,437

d. Horses

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	195,783	97,624	98,160	214,592	122,670	91,923	16,245	2,849	13,396
Tigray	*	*	*	1,907	*	*	-	-	-
North West Tigray	-	-	-	*	*	-	-	-	-
Central Tigray	*	*	*	*	-	*	-	-	-
Eastern Tigray	*	-	*	*	-	*	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	*	*	*	*	*	*	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Amhara	35,210	15,980	19,230	58,333	25,719	32,614	5,890	*	5,687
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	-	*	*	*	-	-	-	-
North Wolo	4,109	1,673	2,435	8,113	4,484	3,629	*	-	*
South Wolo	6,310	2,814	3,496	13,545	1,891	*	2,692	*	2,490
North Shewa	5,484	*	4,146	4,865	*	2,701	*	-	*
East Gojam	5,980	3,797	*	18,582	10,710	7,872	*	-	*
West Gojam	4,677	*	*	6,001	*	*	-	-	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	2,506	*	*	4,389	2,051	2,338	-	-	-
Oromia	-	-	-	*	-	*	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	115,403	61,323	54,080	112,741	69,183	43,558	7,802	*	7,093
West Wellega	*	*	*	*	*	-	-	-	-
East Wellega	*	*	*	*	*	-	-	-	-
Illubabor	6,440	3,200	3,240	4,478	1,836	2,642	*	-	*
Jimma	5,158	2,669	*	8,901	6,795	*	3,702	*	*
West Shewa	11,987	6,659	5,328	13,426	8,815	4,611	*	*	*
North Shewa	11,938	7,797	4,140	7,629	4,379	3,249	2,050	*	*
East Shewa	*	*	*	4,419	3,783	*	-	-	-
Arsi	24,060	12,544	11,516	25,289	12,929	12,360	*	-	*
West Harerghe	*	*	-	*	*	*	-	-	-
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	*	*	*	6,647	5,095	*	-	-	-
Borena	*	-	*	*	*	-	-	-	-
South West Shewa	3,052	1,767	1,286	10,125	8,287	*	-	-	-
Guji	14,123	7,931	6,192	10,785	5,918	4,868	-	-	-
West Arsi	20,375	10,552	9,823	15,504	8,315	7,189	-	-	-
Kelem Wellega	1,786	*	1,245	1,513	*	847	-	-	-
Horoguduru Wellega	6,104	3,116	2,988	2,358	1,236	1,122	*	-	*

TABLE 3-19 - d CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	*	*	-	-	-	-	-	-	-
Liben	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	*	-	-	-	-
Metekel	*	-	*	*	*	-	-	-	-
Asosa	*	*	*	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	27,464	12,059	15,405	41,212	26,281	14,932	2,516	1,900	*
Gurage	*	*	*	5,994	2,712	*	*	-	*
Hadiya	1,834	*	1,313	3,709	1,833	1,876	*	*	*
Kembata Tembaro	*	*	*	923	*	*	*	*	-
Sidama	*	*	*	6,295	5,159	*	-	-	-
Gedio	*	*	*	2,254	1,593	*	-	-	-
Wolayita	-	-	-	*	*	-	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	*	*	*	339	339	-	-	-	-
Kaffa	8,688	*	4,941	9,433	6,283	3,150	-	-	-
Gamo Gofa	4,476	*	2,305	*	2,193	*	*	*	-
Bench Maji	904	483	*	1,462	1,128	*	*	*	-
Yem Sp. Wereda	-	-	-	-	-	-	*	-	*
Dawro	*	*	*	1,072	753	*	-	-	-
Basketo Sp. Wereda	*	*	*	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	*	*	*
Silte	2,078	*	1,548	2,310	1,420	890	*	*	-
Alaba Sp. Wereda	*	*	*	745	*	*	-	-	-
Segen People	*	*	*	*	*	-	-	-	-
Gambela Region	*	*	*	220	220	-	*	*	-
Angnuwak	*	*	*	-	-	-	-	-	-
Nuware	*	*	*	-	-	-	*	*	-
Mezhenger	-	-	-	220	220	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	-	*	*	-	*	-	-	-
Hundene	*	-	*	*	-	*	-	-	-
Dire Dawa	-	-	-	*	-	*	-	-	-

c. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	686,030	351,170	334,860	732,189	417,954	314,235	36,383	11,124	25,259
Tigray	67,348	34,158	33,190	65,946	35,922	30,024	1,047	*	*
North West Tigray	29,454	15,071	14,384	14,945	5,330	9,615	*	-	*
Central Tigray	13,093	7,021	6,071	15,751	7,690	8,061	-	-	-
Eastern Tigray	9,037	4,244	4,793	14,330	*	4,523	*	-	*
Southern Tigray	10,507	4,998	5,510	13,804	7,846	5,959	*	*	*
Western Tigray	5,257	2,824	2,433	7,117	5,250	1,867	-	-	-
Afar	11,470	6,109	5,361	*	*	*	*	-	*
Zone 1	6,203	2,973	3,230	*	*	-	*	-	*
Zone 3	5,267	3,136	2,131	*	*	*	-	-	-
Amhara	284,801	149,388	135,413	283,649	152,050	131,599	11,933	2,350	9,583
North Gonder	43,219	21,203	22,017	34,560	18,215	16,345	*	-	*
South Gonder	37,680	19,657	18,024	39,551	16,159	23,392	-	-	-
North Wolo	19,853	11,339	8,515	25,415	11,076	14,338	1,366	*	1,129
South Wolo	42,386	24,662	17,724	54,860	27,836	27,024	*	*	*
North Shewa	36,120	18,148	17,972	29,227	19,642	9,585	*	*	*
East Gojam	36,990	20,253	16,736	37,938	22,264	15,674	*	*	*
West Gojam	43,533	21,643	21,890	35,909	19,640	16,268	-	-	-
Waghamera	6,776	3,967	2,809	11,261	6,998	4,263	*	*	*
Awi	11,341	6,011	5,330	10,050	7,943	2,107	-	-	-
Oromia	6,582	2,403	4,179	4,527	2,078	2,449	*	*	*
Argoba Special	321	104	217	353	198	155	29	-	29
Oromia	280,264	137,563	142,701	257,219	143,406	113,812	16,666	6,132	10,535
West Wellega	16,740	6,408	10,332	15,810	8,186	7,624	*	-	*
East Wellega	8,544	4,430	4,114	13,093	9,415	3,678	*	*	-
Illubabor	7,611	*	3,242	9,946	4,588	*	*	-	*
Jimma	4,266	2,715	*	10,854	6,125	4,729	*	-	*
West Shewa	19,504	8,715	10,789	23,921	14,491	9,430	*	*	*
North Shewa	26,695	14,348	12,347	20,052	9,157	10,896	*	*	*
East Shewa	22,653	9,094	13,559	18,515	9,533	8,982	*	-	*
Arsi	36,809	16,711	20,098	30,598	17,637	12,961	1,703	*	*
West Harerghe	17,589	8,088	9,501	15,837	10,181	5,656	3,299	2,010	*
East Harerghe	23,559	13,716	9,843	5,342	*	2,975	3,542	*	2,806
Bale	22,015	10,675	11,340	20,953	12,562	8,391	*	*	-
Borena	8,975	4,852	4,122	3,645	1,820	1,824	*	*	*
South West Shewa	21,233	12,382	8,851	19,537	10,754	8,783	*	*	*
Guji	*	*	*	2,800	*	1,945	-	-	-
West Arsi	18,511	9,138	9,373	28,891	13,770	15,122	1,310	*	*
Kelem Wellega	3,899	1,756	2,143	11,225	7,969	3,256	*	*	*
Horoguduru Wellega	9,172	4,720	4,452	6,199	3,997	2,203	360	*	*

TABLE 3-19 - e CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	8,425	4,344	4,081	1,982	1,389	*	*	*	*
Shinele	322	170	152	-	-	-	-	-	-
Jijiga	6,777	3,294	3,483	*	*	-	*	*	-
Liben	1,326	880	446	1,727	1,134	*	*	*	*
Benshangul-Gumuz	5,462	2,818	2,644	23,023	19,870	3,153	*	*	*
Metekel	*	*	*	11,392	10,650	*	*	*	-
Asosa	3,635	1,502	2,133	5,402	3,305	2,097	*	*	-
Kemeshi	*	*	*	5,405	5,340	*	*	*	-
Mao Komo	166	132	*	824	574	250	*	*	*
SNNP	25,459	15,337	10,122	93,269	61,055	32,214	4,593	1,388	3,205
Gurage	2,852	1,397	1,455	11,614	8,606	3,009	-	-	-
Hadiya	5,722	3,691	2,031	15,969	7,537	8,432	*	*	*
Kembata Tembaro	*	*	-	4,626	4,503	*	*	*	-
Sidama	*	*	-	16,662	13,079	*	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	*	-	10,614	9,877	*	*	*	-
South Omo	2,748	*	*	*	*	*	*	-	*
Shaka	-	-	-	902	825	*	-	-	-
Kaffa	-	-	-	*	*	*	-	-	-
Gamo Gofa	2,585	*	1,762	13,236	8,323	4,913	*	*	*
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	*	*	*	*	-	*	*	*	*
Dawro	*	*	*	409	409	-	-	-	-
Basketo Sp. Wereda	*	*	-	228	*	168	-	-	-
Konta Sp. Wereda	-	-	-	*	808	*	-	-	-
Silte	5,873	3,219	2,655	9,359	1,711	7,648	1,389	-	1,389
Alaba Sp. Wereda	2,219	1,264	955	1,301	*	1,009	*	*	*
Segen People	928	742	*	4,974	3,652	1,322	*	*	-
Gambela Region	-	-	-	*	*	-	*	*	-
Angnuwak	-	-	-	*	*	-	*	*	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	403	182	*	258	193	*	-	-	-
Hundene	403	182	*	258	193	*	-	-	-
Dire Dawa	2,398	1,272	1,126	1,087	*	762	505	*	*

f. Mules

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	31,382	15,227	16,155	67,131	30,221	36,909	2,049	*	*
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	*	*	-	-	-	-
Central Tigray	-	-	-	*	-	*	-	-	-
Eastern Tigray	-	-	-	*	-	*	-	-	-
Southern Tigray	-	-	-	-	-	-	-	-	-
Western Tigray	*	*	*	-	-	-	-	-	-
Afar	-	-	-	*	*	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	*	*	-	-	-	-
Amhara	15,770	8,123	7,647	34,713	14,623	20,090	*	*	-
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	-	*	-	*	-	-	-
North Wolo	*	*	-	1,834	1,160	*	*	*	-
South Wolo	6,117	2,151	3,966	7,956	2,339	5,617	-	-	-
North Shewa	*	*	-	2,939	*	*	*	*	-
East Gojam	*	*	*	*	*	*	-	-	-
West Gojam	*	*	*	7,239	*	6,396	-	-	-
Waghamera	-	-	-	*	*	-	-	-	-
Awi	*	-	*	6,710	4,637	2,073	-	-	-
Oromia	-	-	-	*	*	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	12,428	5,680	6,747	20,779	10,165	10,614	*	*	*
West Wellega	*	*	-	*	-	*	-	-	-
East Wellega	-	-	-	1,073	*	*	-	-	-
Illubabor	*	-	*	*	941	*	*	-	*
Jimma	*	*	-	1,794	*	1,471	*	-	*
West Shewa	*	*	-	2,486	*	*	*	*	-
North Shewa	*	*	*	*	-	*	-	-	-
East Shewa	*	*	-	1,786	1,333	*	-	-	-
Arsi	*	*	-	2,527	*	*	-	-	-
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	*	*	*	*	*	*	-	-	-
Bale	*	*	*	2,760	1,711	1,049	-	-	-
Borena	*	*	*	-	-	-	-	-	-
South West Shewa	*	-	*	*	*	*	-	-	-
Guji	*	-	*	*	*	*	-	-	-
West Arsi	*	-	*	*	*	-	-	-	-
Kelem Wellega	*	*	*	*	*	-	-	-	-
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
Somale	-	-	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	1,597	1,152	*	-	-	-
Metekel	-	-	-	1,514	1,099	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	*	*	*	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	2,981	1,319	1,662	9,023	3,732	5,291	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	*	*	*	-	-	-
Kembata Tembaro	*	*	*	*	*	-	-	-	-
Sidama	-	-	-	2,590	-	2,590	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	-	-	-	*	-	*	-	-	-
South Omo	*	*	*	*	-	*	-	-	-
Shaka	*	-	*	-	-	-	-	-	-
Kaffa	*	*	*	*	*	*	-	-	-
Gamo Gofa	*	*	*	2,084	*	*	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	*	-	*	-	-	-
Dawro	*	*	-	617	319	298	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	-	-	-
Silte	-	-	-	*	*	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Segen People	*	*	-	*	*	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	*	*	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	173,854	73,736	100,118	37,460	28,067	9,393	2,647	*	1,872
Tigray	*	-	*	7,177	6,302	*	-	-	-
North West Tigray	-	-	-	2,180	1,826	*	-	-	-
Central Tigray	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	-	*	*	*	-	-	-	-
Western Tigray	-	-	-	1,616	1,616	-	-	-	-
Afar	58,061	22,257	35,804	3,441	2,165	*	-	-	-
Zone 1	26,298	*	15,975	2,322	2,165	*	-	-	-
Zone 3	31,763	11,934	19,829	*	-	*	-	-	-
Amhara	*	*	*	11,743	11,743	-	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	-	-	-	4,090	4,090	-	-	-	-
South Wolo	-	-	-	*	*	-	-	-	-
North Shewa	*	-	*	2,609	2,609	-	-	-	-
East Gojam	*	*	*	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	1,626	1,626	-	*	*	-
Argoba Special	-	-	-	175	175	-	-	-	-
Oromia	53,249	27,314	25,935	13,440	7,237	6,203	1,339	*	1,206
West Wellega	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	*	-	*	-	-	-
East Shewa	*	*	*	*	*	-	*	-	*
Arsi	*	*	*	*	*	-	-	-	-
West Harerghe	5,612	*	3,324	*	*	*	-	-	-
East Harerghe	5,772	2,697	3,075	*	*	*	-	-	-
Bale	*	4,385	*	*	*	*	*	-	*
Borena	15,932	7,399	8,533	*	*	*	*	*	762
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	9,403	5,078	4,324	*	-	*	-	-	-
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
Somale	57,543	23,010	34,533	*	348	*	*	*	*
Shinele	817	376	441	*	*	-	-	-	-
Jijiga	27,067	9,957	17,110	*	*	*	*	-	*
Liben	29,659	12,677	16,982	*	*	*	*	*	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	*	-	*	-	-	-
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	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	718	385	333	*	-	*	-	-	-
Hundene	718	385	333	*	-	*	-	-	-
Dire Dawa	727	379	348	350	*	*	*	*	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	92,266,490	11,393,166	654,077
Tigray	11,031,162	1,059,884	103,352
North West Tigray	5,038,125	181,456	31,686
Central Tigray	2,242,520	315,905	46,678
Eastern Tigray	909,708	194,607	10,576
Southern Tigray	1,072,114	227,826	5,787
Western Tigray	1,768,695	140,090	8,624
Afar	190,694	14,424	*
Zone 1	*	*	-
Zone 3	*	13,730	*
Amhara	37,262,667	5,137,337	161,564
North Gonder	14,420,588	898,944	38,243
South Gonder	4,726,706	444,671	19,854
North Wolo	1,513,793	448,490	16,767
South Wolo	1,802,879	1,057,588	7,703
North Shewa	2,588,378	655,663	19,267
East Gojam	1,781,263	399,293	*
West Gojam	6,948,507	856,810	23,698
Waghamera	474,185	91,080	10,875
Awi	2,478,278	213,682	11,328
Oromia	482,637	66,643	4,993
Argoba Special	45,453	4,473	83
Oromia	27,563,119	3,158,963	265,867
West Wellega	2,703,999	258,861	11,226
East Wellega	1,516,497	122,370	4,219
Illubabor	1,453,493	166,589	12,233
Jimma	2,511,511	193,442	43,532
West Shewa	1,957,022	360,994	8,417
North Shewa	836,038	190,666	7,508
East Shewa	1,529,514	185,467	7,297
Arsi	2,261,473	385,776	16,887
West Harerghe	2,948,239	210,174	43,501
East Harerghe	2,267,038	125,706	54,401
Bale	876,959	146,377	7,939
Borena	785,062	86,751	2,652
South West Shewa	993,112	205,406	11,478
Guji	1,219,007	110,319	*
West Arsi	1,134,262	165,783	8,838
Kelem Wellega	1,611,712	170,361	15,315
Horoguduru Wellega	958,180	73,922	6,279

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	117,390	12,157	1,548
Shinele	3,760	*	*
Jijiga	2,094	*	*
Liben	111,536	*	*
Benshangul-Gumuz	2,464,155	226,138	7,715
Metekel	1,240,055	118,559	3,088
Asosa	886,417	81,668	3,000
Kemeshi	232,709	12,009	694
Mao Komo	104,974	13,902	933
SNNP	13,054,050	1,741,601	102,412
Gurage	517,410	144,396	2,120
Hadiya	927,295	141,647	16,211
Kembata Tembaro	521,503	78,716	5,973
Sidama	2,166,849	437,701	7,337
Gedio	277,731	156,565	*
Wolayita	1,219,270	107,604	9,814
South Omo	1,086,327	80,604	8,391
Shaka	408,652	52,816	4,100
Kaffa	1,898,792	93,441	14,971
Gamo Gofa	1,356,155	133,974	11,200
Bench Maji	1,046,689	131,529	6,949
Yem Sp. Wereda	48,489	7,751	1,102
Dawro	167,979	27,744	*
Basketo Sp. Wereda	65,656	8,805	*
Konta Sp. Wereda	132,689	16,679	1,648
Silte	716,006	67,614	3,164
Alaba Sp. Wereda	131,124	6,508	753
Segen People	365,434	47,507	3,263
Gambela Region	415,231	36,949	3,037
Angnuwak	206,020	12,174	1,148
Nuware	66,883	3,942	580
Mezhenger	91,411	19,826	1,069
Itang Special	50,917	1,007	241
Harari	73,384	1,802	1,144
Hundene	73,384	1,802	1,144
Dire Dawa	94,639	*	5,160

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

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	5,818,893	3,686,670	2,132,223	396,986	08,449	188,537	3,231,346	1,333,136	1,898,211	625,523	255,334	370,189
Tigray	317,200	200,691	116,509	56,367	33,482	22,885	183,955	83,578	100,377	33,529	17,872	15,656
North West Tigray	102,453	59,105	43,348	22,727	13,286	9,441	71,670	28,538	43,132	10,886	5,137	5,748
Central Tigray	53,602	37,432	16,170	11,108	6,490	4,618	29,370	14,299	15,070	7,452	3,578	3,874
Eastern Tigray	42,127	28,610	13,517	6,316	3,980	2,337	14,071	5,225	8,846	1,324	745	*
Southern Tigray	70,907	43,801	27,105	8,564	5,056	3,508	33,222	19,054	14,169	7,983	4,840	3,143
Western Tigray	48,112	31,743	16,369	7,651	4,670	2,981	35,621	16,462	19,159	5,884	3,572	2,312
Afar	104,049	59,725	44,324	15,885	6,153	9,732	204,986	41,396	163,590	8,401	1,806	6,595
Zone 1	73,329	38,636	34,693	10,726	3,436	7,290	111,237	22,524	88,713	7,442	1,806	*
Zone 3	30,720	21,088	9,631	5,159	2,716	*	93,748	18,872	74,876	*	-	*
Amhara	1,624,049	1,073,668	550,381	111,114	57,938	53,177	646,692	294,547	352,145	112,027	47,483	64,544
North Gondar	263,154	170,959	92,194	16,142	9,177	6,965	155,148	63,377	91,771	*	*	*
South Gondar	191,780	121,163	70,618	*	*	*	72,860	32,420	40,440	12,044	5,597	6,447
North Wolo	123,065	72,118	50,947	12,100	5,925	6,175	57,762	23,669	34,093	7,337	2,194	5,142
South Wolo	252,342	164,240	88,102	15,514	5,258	10,256	84,321	41,979	42,342	19,522	6,708	12,814
North Shewa	122,602	84,169	38,433	10,623	5,829	4,794	67,160	38,456	28,705	12,953	3,930	9,023
East Gojam	202,601	137,552	65,049	27,227	14,454	12,773	72,360	32,256	40,104	12,509	8,895	3,615
West Gojam	299,170	216,180	82,990	10,807	6,710	4,098	65,564	32,534	33,030	9,571	4,711	4,861
Waghamera	30,720	19,258	11,462	5,635	1,753	3,882	25,924	11,079	14,845	5,561	2,482	3,079
Awı	104,094	66,899	37,195	3,511	2,546	*	25,080	11,469	13,611	7,999	3,042	4,957
Oromia	33,006	20,407	12,599	1,570	885	685	19,394	6,950	12,444	2,177	*	1,490
Argoba Special	1,514	722	792	226	99	126	1,120	357	762	193	62	*
Oromia	2,557,093	1,681,357	875,736	139,768	66,319	73,449	1,347,619	569,633	777,986	289,859	117,853	172,006
West Wellega	102,491	70,278	32,213	2,536	*	2,173	60,539	27,591	32,948	5,667	2,014	3,653
East Wellega	86,873	53,844	33,029	3,044	1,299	1,745	59,586	26,524	33,061	5,008	2,442	2,566
Illubabor	129,868	86,789	43,080	4,184	2,017	2,167	84,284	38,052	46,233	18,408	6,139	12,269
Jimma	315,633	226,388	89,245	*	*	*	165,492	71,081	94,411	85,792	37,166	48,626
West Shewa	241,698	161,344	80,354	20,507	12,447	8,059	122,664	55,702	66,962	13,975	5,082	8,892
North Shewa	137,151	90,548	46,603	16,258	6,913	9,345	74,511	35,120	39,391	4,803	2,324	*
East Shewa	93,365	62,474	30,891	13,443	6,844	6,599	44,204	20,803	23,400	11,170	3,838	7,332
Arsi	289,401	182,155	107,246	20,685	8,869	11,816	197,882	79,103	118,779	28,006	8,412	19,594
West Harerghe	196,010	147,422	48,589	3,970	2,646	*	45,484	17,452	28,033	21,521	10,027	11,494
East Harerghe	153,009	90,246	62,764	*	*	1,857	56,935	21,532	35,403	20,665	6,936	13,729
Bale	118,459	83,715	34,744	3,429	1,362	2,067	76,297	29,686	46,610	16,062	7,187	8,875
Borena	130,489	84,032	46,458	5,807	3,102	2,705	69,704	24,815	44,889	15,673	6,731	8,942
South West Shewa	86,751	45,694	41,057	16,699	6,806	9,893	44,351	21,751	22,601	15,124	7,376	7,748
Guji	152,444	93,678	58,766	3,031	2,459	*	70,618	27,812	42,806	6,616	*	4,330
West Arsi	208,763	125,647	83,116	10,030	3,620	6,410	106,344	38,556	67,789	13,843	7,155	6,688
Kelem Wellega	74,754	51,975	22,779	2,728	671	*	33,251	17,843	15,408	3,936	*	2,968
Horoguduru	39,932	25,130	14,802	1,496	859	638	35,471	16,211	19,261	3,591	1,772	1,819

TABLE 3-20 – a CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	25,129	17,494	7,634	2,403	1,595	*	34,088	12,376	21,712	*	*	*
Shinele	930	511	419	*	*	*	*	*	*	*	*	*
Jijiga	15,352	11,700	3,653	*	*	*	6,269	*	4,048	*	*	*
Liben	8,846	5,284	3,563	*	*	*	*	*	*	*	*	*
Benshangul-Gumuz	62,292	37,515	24,777	5,554	3,477	2,077	51,349	24,958	26,392	*	*	*
Metekel	41,171	25,167	16,004	4,116	2,672	1,444	36,747	17,626	19,121	*	*	*
Asosa	13,918	7,429	6,489	1,097	620	477	10,477	5,573	4,904	-	-	-
Kemeshi	6,261	4,257	2,004	*	*	*	2,461	924	1,537	168	*	133
Mao Komo	941	662	279	*	*	*	1,665	835	830	*	*	*
SNNP	100,462	599,406	501,056	64,250	38,473	25,777	713,829	288,320	425,509	161,262	63,710	97,552
Guage	62,174	27,462	34,712	23,288	15,476	7,812	53,592	19,834	33,759	5,354	2,663	2,691
Hadiya	85,835	52,190	33,645	*	*	*	41,579	18,997	22,582	14,750	5,845	8,906
Kembata Tembaro	40,340	21,059	19,281	*	*	*	24,162	9,913	14,249	8,037	3,097	4,940
Sidama	273,528	99,984	173,544	8,785	5,582	*	70,640	26,886	43,754	9,397	*	7,568
Gedio	28,670	21,681	6,989	*	*	-	3,451	*	1,926	*	*	*
Wolayita	97,657	56,611	41,046	*	*	*	52,164	21,367	30,797	7,542	4,385	3,158
South Omo	76,119	55,432	20,688	6,108	3,646	2,462	141,962	57,031	84,931	18,320	8,987	9,334
Shaka	23,850	14,923	8,927	1,691	*	1,202	5,302	2,401	2,901	8,044	2,510	5,534
Kaffa	94,959	57,768	37,191	7,524	3,086	4,437	85,224	37,790	47,434	29,420	12,149	17,270
Gamo Gofa	146,960	90,361	56,599	*	*	*	109,470	39,854	69,616	30,627	12,456	18,171
Bench Maji	37,306	22,691	14,615	1,304	*	*	29,225	12,672	16,554	17,101	4,745	12,356
Yem Sp. Wereda	8,340	4,758	3,582	765	433	332	2,448	1,196	1,252	2,549	966	1,583
Dawro	30,457	15,568	14,889	342	*	*	17,820	7,133	10,687	1,643	559	1,084
Basketo Sp. Wereda	2,938	1,685	1,253	193	139	*	3,597	1,830	1,767	552	153	399
Konta Sp. Wereda	16,454	9,910	6,543	*	*	-	12,168	5,915	6,253	433	*	*
Silte	32,464	19,307	13,157	5,295	4,424	871	29,207	11,163	18,044	3,459	*	2,389
Alaba Sp. Wereda	9,797	4,911	4,885	488	353	*	7,791	3,478	4,313	1,354	705	*
Segen People	32,616	23,105	9,512	1,064	*	660	24,026	9,335	14,691	2,251	1,231	1,020
Gambela Region	19,100	10,448	8,651	1,095	595	500	43,621	16,297	27,324	12,207	3,465	8,741
Angnuwak	5,571	4,047	1,524	*	*	*	12,105	6,072	6,033	*	*	*
Nuware	7,204	3,587	3,617	*	*	*	28,438	9,288	19,150	10,867	3,089	7,778
Mezhenger	5,703	2,438	3,266	396	*	292	1,789	480	1,309	820	154	666
Itang Special	621	*	244	*	*	-	*	*	832	*	*	*
Harari	5,172	3,217	1,955	480	381	*	3,040	1,165	1,876	883	340	544
Hundene	5,172	3,217	1,955	480	381	*	3,040	1,165	1,876	883	340	544
Dire Dawa	4,348	3,147	1,201	*	*	*	2,167	866	1,301	1,187	339	848

b. Sheep

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	6,873,271	3,820,755	3,052,516	3,318,420	2,428,358	890,062	4,369,827	1,400,350	2,969,476	342,172	93,750	248,422
Tigray	322,153	175,038	147,114	261,869	196,068	65,801	229,928	67,492	162,436	9,217	3,817	5,399
North West Tigray	25,156	15,819	9,337	19,570	14,168	5,402	16,781	4,925	11,855	*	*	*
Central Tigray	59,819	32,341	27,478	43,290	31,935	11,355	56,097	15,321	40,776	4,194	*	3,100
Eastern Tigray	154,736	74,408	80,327	107,329	78,828	28,501	102,347	30,315	72,032	1,977	1,191	*
Southern Tigray	72,668	46,576	26,091	79,423	62,895	16,528	44,912	14,106	30,806	*	*	*
Western Tigray	9,775	5,894	3,881	12,257	8,241	4,015	9,791	2,825	6,966	*	-	*
Afar	331,123	198,023	133,100	80,638	54,262	26,376	321,005	80,913	240,093	17,710	5,804	11,906
Zone 1	228,769	134,979	93,790	59,637	40,488	19,149	168,882	42,150	126,732	10,526	4,186	6,340
Zone 3	102,354	63,044	39,310	21,000	13,774	7,226	152,123	38,763	113,361	*	*	*
Amhara	2,974,467	1,618,997	1,355,470	2,024,739	1,456,339	568,400	1,454,908	481,600	973,308	124,347	33,330	91,017
North Gondar	327,370	182,469	144,901	214,434	185,227	29,207	186,219	60,866	125,353	10,548	*	7,619
South Gondar	216,505	100,560	115,945	155,902	108,208	47,694	99,036	22,033	77,003	*	*	*
North Wolo	192,156	74,052	118,104	209,268	142,923	66,345	114,403	33,046	81,357	28,758	4,975	23,783
South Wolo	895,375	584,800	310,576	176,188	106,870	69,318	279,818	106,710	173,108	42,749	*	29,998
North Shewa	343,037	185,650	157,387	180,774	141,110	39,664	289,843	106,729	183,114	19,017	5,916	13,101
East Gojam	424,061	178,588	245,473	494,075	326,958	167,118	139,741	34,300	105,441	8,070	*	5,272
West Gojam	409,569	219,480	190,090	312,430	255,115	57,315	205,856	73,644	132,212	*	*	*
Waghamera	43,089	19,718	23,371	21,265	15,550	5,714	35,847	12,771	23,076	*	*	*
Awı	92,040	56,300	35,740	245,850	165,217	80,633	78,454	21,469	56,985	2,577	*	*
Oromia	29,518	16,475	13,043	13,868	8,643	5,225	24,077	9,555	14,522	*	*	*
Argoba Special	1,746	905	841	685	517	168	1,614	477	1,137	*	*	*
Oromia	2,412,312	1,362,899	1,049,414	689,053	512,347	176,706	1,610,001	531,551	1,078,450	119,287	32,939	86,347
West Wellega	49,800	23,572	26,228	8,545	6,203	2,341	52,220	17,943	34,277	*	*	*
East Wellega	52,759	29,433	23,326	12,231	10,756	1,474	62,318	22,371	39,948	1,970	*	*
Illubabor	81,265	42,133	39,132	28,433	18,605	9,827	67,577	20,647	46,930	4,451	*	3,817
Jimma	211,398	121,820	89,578	*	36,831	*	188,545	64,387	124,158	29,337	*	22,737
West Shewa	269,744	152,174	117,570	51,989	39,816	12,173	159,071	52,382	106,690	11,055	*	9,978
North Shewa	343,252	227,189	116,063	223,868	140,819	83,049	145,702	39,725	105,977	*	*	*
East Shewa	73,617	44,627	28,990	33,795	29,107	4,688	47,692	15,586	32,106	*	*	*
Arsi	429,223	236,255	192,969	75,609	59,509	16,101	294,872	97,378	197,494	16,849	6,130	10,719
West Harerghe	54,759	25,264	29,495	5,888	4,634	*	25,660	10,028	15,632	4,042	1,395	2,647
East Harerghe	81,639	41,411	40,227	34,548	33,596	*	52,236	14,301	37,934	11,049	3,124	7,925
Bale	95,274	56,570	38,705	16,129	14,100	2,029	39,175	13,461	25,714	*	*	*
Borena	80,699	51,946	28,752	20,281	16,646	3,635	108,269	36,452	71,817	7,473	2,112	5,361
South West Shewa	84,497	49,945	34,552	55,845	44,802	11,043	61,719	23,758	37,961	8,314	*	7,833
Guji	82,973	41,569	41,404	11,944	8,633	3,311	84,110	30,552	53,558	*	*	*
West Arsi	311,665	161,431	150,233	23,027	18,421	4,606	134,543	43,460	91,083	7,695	5,412	*
Kelem Wellega	62,514	28,772	33,742	18,856	14,259	4,597	46,070	16,902	29,169	3,081	1,193	1,888
Horoguduru	47,234	28,786	18,448	18,741	15,609	3,132	40,222	12,220	28,002	2,151	*	1,793

TABLE 3-20 – b CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	170,062	124,483	45,579	62,228	44,093	18,135	116,326	41,766	74,560	9,696	3,580	6,115
Shinele	4,473	3,350	1,123	2,340	1,952	389	4,175	1,687	2,488	413	172	241
Jijiga	133,606	104,076	29,531	28,290	20,427	7,864	47,827	19,500	28,327	*	2,739	*
Liben	31,983	17,058	14,925	31,598	*	9,882	64,324	20,579	43,745	1,983	*	1,313
Benshangul-Gumuz	*	*	*	14,293	11,050	3,243	29,154	9,713	19,441	666	*	555
Metekel	*	*	*	9,193	7,205	*	14,268	4,298	9,970	*	-	*
Asosa	3,555	1,434	2,122	2,405	1,759	646	9,903	3,368	6,535	-	-	-
Kemeshi	2,188	1,162	1,025	2,078	1,728	*	2,224	1,061	1,162	*	*	*
Mao Komo	1,576	661	915	618	359	259	2,759	985	1,774	*	*	*
SNNP	586,494	290,429	296,066	175,468	145,048	30,420	589,019	181,034	407,985	57,610	12,986	44,624
Gurage	18,197	12,209	5,988	26,975	22,100	4,875	42,359	13,393	28,966	*	*	*
Hadiya	40,848	16,024	24,824	8,734	7,112	1,622	38,405	9,169	29,236	4,500	-	4,500
Kembata Tembaro	16,409	9,651	6,758	*	1,803	*	16,079	5,134	10,945	2,666	-	2,666
Sidama	105,545	37,749	67,796	4,231	*	*	25,899	8,451	17,448	*	*	*
Gedio	35,888	19,603	16,285	17,701	17,513	*	18,462	6,893	11,569	*	*	*
Wolayita	35,856	15,584	20,272	*	*	*	19,929	8,407	11,522	6,309	*	*
South Omo	61,316	38,157	23,159	20,648	16,281	4,367	93,236	32,349	60,887	6,241	*	5,235
Shaka	12,993	6,724	6,269	12,449	10,325	2,124	8,100	3,116	4,985	3,619	*	2,989
Kaffa	80,966	50,448	30,518	28,554	22,673	5,882	120,559	36,059	84,500	11,455	*	8,682
Gamo Gofa	59,671	23,837	35,834	10,436	8,095	2,341	99,084	21,004	78,081	*	*	4,542
Bench Maji	36,521	21,136	15,386	13,875	11,887	1,988	27,100	10,271	16,829	3,923	1,047	2,876
Yem Sp. Wereda	4,564	2,356	2,208	816	331	484	3,523	1,005	2,518	*	*	*
Dawro	16,265	7,769	8,496	807	678	*	9,364	3,661	5,702	*	*	*
Basketo Sp. Wereda	1,304	692	613	405	279	*	2,156	806	1,350	171	*	142
Konta Sp. Wereda	4,099	2,288	1,811	*	*	*	5,138	2,567	2,571	-	-	-
Silte	36,715	15,367	21,348	19,494	16,964	2,530	30,664	10,591	20,072	*	*	*
Alaba Sp. Wereda	4,747	3,053	1,694	1,554	1,325	*	6,781	2,158	4,623	600	*	358
Segen People	14,590	7,783	6,807	5,810	4,420	*	22,180	6,000	16,180	1,655	718	937
Gambela Region	5,667	3,953	1,715	3,678	3,124	554	6,248	2,536	3,712	*	*	*
Angnuwak	*	*	*	*	*	-	*	*	*	*	-	*
Nuware	2,234	1,359	875	-	-	-	3,677	1,693	1,985	*	-	*
Mezhenger	2,240	1,650	590	3,163	2,609	554	1,295	399	896	*	*	*
Itang Special	*	*	*	*	*	-	*	*	*	*	-	*
Harari	470	266	*	787	758	*	424	*	298	-	-	-
Hundene	470	266	*	787	758	*	424	*	298	-	-	-
Dire Dawa	11,190	8,629	2,562	5,667	5,268	399	12,814	3,620	9,194	3,456	1,115	2,341

c. Goats

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	5,121,410	2,743,989	2,377,421	2,448,134	1,682,060	766,074	4,900,182	737,578	3,162,604	357,941	103,781	254,159
Tigray	693,348	408,479	284,869	497,868	344,099	153,769	780,488	257,911	522,578	16,400	4,674	11,726
North West Tigray	332,489	210,493	121,997	214,231	150,062	64,169	345,811	121,214	224,596	8,493	1,741	6,752
Central Tigray	171,430	96,856	74,574	122,978	78,868	44,110	176,431	54,648	121,783	*	*	*
Eastern Tigray	40,933	21,971	18,962	20,326	15,388	4,938	33,069	8,811	24,259	*	*	-
Southern Tigray	68,349	31,795	36,553	64,769	48,092	16,677	55,997	19,240	36,757	*	*	*
Western Tigray	80,147	47,364	32,783	75,564	51,689	23,875	169,180	53,998	115,182	2,228	691	1,537
Afar	571,451	314,034	257,417	159,780	109,131	50,648	560,617	169,607	391,010	36,148	7,908	28,240
Zone 1	422,775	225,081	197,694	92,245	60,402	31,843	333,809	86,087	247,722	29,909	6,413	23,496
Zone 3	148,677	88,953	59,724	67,534	48,729	18,805	226,807	83,519	143,288	*	1,495	*
Amhara	1,483,575	726,808	756,767	1,065,196	723,524	341,672	1,302,860	492,661	810,199	71,952	19,082	52,870
North Gonder	389,376	199,854	189,522	284,943	201,524	83,419	422,631	156,770	265,861	9,226	4,929	4,297
South Gonder	146,199	70,580	75,619	106,859	80,032	26,827	98,333	31,575	66,758	1,323	1,323	-
North Wolo	132,131	52,463	79,668	141,677	92,730	48,946	78,647	27,044	51,602	12,663	2,877	9,786
South Wolo	195,151	90,770	104,381	143,588	83,237	60,352	154,903	60,132	94,772	17,247	*	14,687
North Shewa	114,773	61,844	52,929	92,883	64,370	28,514	213,944	92,903	121,041	14,660	2,865	11,795
East Gojam	137,183	66,060	71,123	116,400	78,744	37,656	89,334	31,038	58,296	*	*	*
West Gojam	144,900	71,641	73,259	44,874	30,302	14,572	79,919	32,844	47,075	*	*	*
Waghamera	149,637	74,892	74,744	63,968	46,413	17,554	97,524	33,618	63,906	*	*	*
Awı	26,476	14,349	12,126	44,742	29,572	15,170	39,517	16,054	23,463	*	*	*
Oromia	42,915	21,975	20,939	23,199	15,318	7,881	24,343	9,229	15,114	*	*	*
Argoba Special	4,833	2,378	2,455	2,064	1,282	782	3,765	1,453	2,312	385	114	270
Oromia	1,569,080	816,173	752,907	443,132	308,206	134,926	1,333,626	482,495	851,131	142,087	39,615	102,472
West Wellega	29,621	12,686	16,935	6,598	3,184	*	37,469	14,135	23,333	*	*	*
East Wellega	28,230	13,106	15,123	12,601	7,593	5,008	42,578	19,755	22,823	1,094	*	955
Illubabor	48,597	21,414	27,183	15,955	10,973	4,981	59,332	24,175	35,157	4,589	*	3,534
Jimma	79,526	40,853	38,673	17,364	10,406	6,957	70,382	28,645	41,737	16,109	2,163	13,946
West Shewa	87,771	43,941	43,830	49,657	30,652	19,005	96,314	47,038	49,276	4,450	*	3,748
North Shewa	46,076	23,894	22,182	50,520	32,330	18,190	35,459	12,332	23,127	*	-	*
East Shewa	124,087	69,330	54,757	44,451	36,646	7,805	68,036	24,482	43,554	3,678	*	3,172
Arsi	153,728	79,608	74,120	38,828	27,761	11,067	166,363	50,604	115,759	10,087	3,176	6,911
West Harerghe	237,974	120,244	117,730	26,903	19,887	7,016	88,364	27,253	61,111	30,963	11,913	19,049
East Harerghe	166,505	86,053	80,452	39,644	33,090	6,554	89,380	28,546	60,834	21,564	8,016	13,548
Bale	122,304	73,142	49,162	29,395	20,446	8,950	136,433	44,247	92,186	8,660	2,732	5,928
Borena	190,954	108,527	82,427	31,631	22,437	9,194	168,463	54,724	113,739	25,709	*	19,686
South West Shewa	43,484	20,185	23,299	26,483	16,938	9,545	36,041	15,250	20,791	*	*	*
Guji	82,483	44,166	38,317	10,159	5,456	4,703	84,358	34,413	49,945	*	*	*
West Arsi	81,907	38,654	43,253	13,477	10,171	3,306	75,011	26,984	48,026	*	*	*
Kelem Wellega	23,038	8,564	14,473	12,319	8,448	*	31,236	10,086	21,150	*	*	*
Horoguduru w.	22,797	11,807	10,990	17,147	11,788	5,359	48,407	19,826	28,581	*	*	*

TABLE 3-20 – c CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	225,176	156,441	68,734	74,672	49,735	24,936	179,769	66,053	113,716	11,092	4,565	6,527
Shinele	19,287	12,068	7,218	4,530	3,693	836	18,199	6,273	11,926	1,389	401	987
Jijiga	128,620	102,856	25,764	20,269	14,942	5,328	54,077	20,463	33,615	*	*	*
Liben	77,269	41,516	35,752	49,873	31,100	18,772	107,492	39,317	68,175	6,286	*	*
Benshangul-Gumuz	83,389	42,603	40,786	51,400	32,430	18,970	223,077	80,974	142,103	*	*	1,908
Metekel	38,042	19,610	18,433	24,271	15,298	8,974	92,878	36,502	56,376	*	*	*
Asosa	33,818	17,691	16,127	20,662	12,703	7,959	106,751	35,642	71,109	400	*	*
Kemeshi	7,263	3,279	3,984	4,968	3,239	1,729	15,748	5,917	9,831	*	*	224
Mao Komo	4,265	2,024	2,241	1,500	1,190	309	7,700	2,914	4,786	*	*	*
SNNP	447,180	250,824	196,356	142,592	103,579	39,013	460,800	169,362	291,438	64,595	21,207	43,388
Gurage	*	*	*	14,995	10,294	*	8,335	2,448	5,887	*	*	1,770
Hadiya	27,778	13,345	14,433	11,621	8,839	2,783	14,328	6,117	8,211	*	-	*
Kembata Tembaro	6,617	3,338	3,279	2,519	*	547	6,300	2,107	4,193	1,983	*	1,573
Sidama	50,950	22,728	28,221	*	*	*	12,942	6,437	*	-	-	-
Gedio	*	*	*	*	*	-	*	*	*	-	-	-
Wolayita	17,104	7,243	9,860	*	*	-	6,299	1,899	4,400	3,515	*	1,711
South Omo	165,697	117,681	48,016	56,017	42,073	13,944	206,617	76,021	130,596	*	*	*
Shaka	3,868	2,026	1,842	4,681	2,283	2,398	3,476	*	1,699	1,301	*	1,005
Kaffa	38,221	20,645	17,576	16,454	9,986	6,468	51,812	19,170	32,642	9,477	*	8,023
Gamo Gofa	50,123	24,573	25,550	4,974	3,020	1,955	49,426	19,149	30,277	8,580	*	6,955
Bench Maji	11,233	4,190	7,043	8,805	6,567	2,238	13,465	5,347	8,119	2,503	*	2,032
Yem Sp. Wereda	4,755	2,235	2,520	523	229	295	4,855	1,722	3,134	900	*	770
Dawro	10,198	4,872	5,326	766	684	*	5,442	2,258	3,184	*	-	*
Basketo Sp. Wereda	969	563	406	*	*	*	1,683	435	1,249	-	-	-
Konta Sp. Wereda	2,089	1,239	850	550	455	*	3,861	1,455	2,406	-	-	-
Silte	16,836	6,860	9,977	7,580	5,540	2,040	16,817	4,628	12,190	*	*	*
Alaba Sp. Wereda	6,488	2,921	3,568	2,322	2,041	*	7,256	2,116	5,140	668	*	*
Segen People	24,362	12,634	11,728	5,803	5,305	498	46,893	15,787	31,106	2,212	1,241	971
Gambela Region	12,639	6,440	6,199	2,198	1,386	812	24,123	9,016	15,107	579	*	467
Angnuwak	4,943	2,046	2,897	1,230	*	*	9,007	3,675	5,333	*	*	*
Nuware	5,817	3,511	2,306	149	*	*	13,883	4,926	8,957	*	-	*
Mezhenger	1,211	473	738	765	388	*	258	*	142	-	-	-
Itang Special	668	410	*	*	*	*	974	299	675	*	*	*
Harari	4,629	2,617	2,012	4,868	4,317	551	4,672	1,686	2,986	1,289	*	1,022
Hundene	4,629	2,617	2,012	4,868	4,317	551	4,672	1,686	2,986	1,289	*	1,022
Dire Dawa	30,944	19,569	11,375	6,429	5,653	776	30,150	7,813	22,337	8,430	2,890	5,540

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	134,427	87,062	47,365	176,745	86,645	90,100	11,875	3,541	8,334
Tigray	*	*	-	*	*	7,859	*	*	-
North West Tigray	-	-	-	*	*	3,031	*	*	-
Central Tigray	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	-	*	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
Afar	-	-	-	*	*	*	-	-	-
Zone 1	-	-	-	*	*	*	-	-	-
Zone 3	-	-	-	*	*	*	-	-	-
Amhara	35,921	21,743	14,178	33,061	13,556	19,504	*	*	*
North Gondar	*	*	*	*	*	*	-	-	-
South Gondar	1,611	*	*	*	*	*	*	-	*
North Wolo	6,631	4,348	2,283	*	*	*	*	*	-
South Wolo	4,760	3,022	*	3,315	-	3,315	*	-	*
North Shewa	3,584	1,703	*	3,013	1,970	*	-	-	-
East Gojam	11,116	7,027	4,088	8,762	4,378	4,385	-	-	-
West Gojam	1,869	*	*	*	*	*	*	-	*
Waghamera	*	*	*	*	*	-	-	-	-
Awi	*	*	*	4,021	1,872	2,148	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	75,789	48,664	27,125	93,912	48,926	44,985	7,334	2,079	5,255
West Wellega	*	-	*	*	*	*	-	-	-
East Wellega	*	*	-	*	*	*	-	-	-
Illubabor	4,048	2,230	1,818	6,262	2,900	3,362	*	*	*
Jimma	8,814	*	4,032	8,387	4,227	4,160	*	-	*
West Shewa	10,199	7,796	2,403	6,898	4,262	2,636	-	-	-
North Shewa	4,805	2,916	1,889	2,384	1,093	*	*	-	*
East Shewa	1,001	1,001	-	2,006	2,006	-	-	-	-
Arsi	16,037	10,379	5,658	18,854	9,148	9,705	*	*	-
West Harerghe	-	-	-	*	*	*	*	*	-
East Harerghe	*	*	*	-	-	-	-	-	-
Bale	5,596	3,166	*	2,560	1,799	*	*	-	*
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	4,167	3,436	*	5,786	3,965	1,821	*	-	*
Guji	8,122	5,315	2,807	17,645	10,239	7,407	*	*	*
West Arsi	8,496	4,699	3,797	17,162	6,518	10,645	*	*	*
Kelem Wellega	*	*	*	-	-	-	-	-	-
Horoguduru Wellega	1,751	948	803	3,986	*	2,334	*	-	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	*	*	*	-	-	-
Shinele	*	*	*	-	-	-	-	-	-
Jijiga	-	-	-	*	*	*	-	-	-
Liben	*	*	*	*	*	*	-	-	-
Benshangul-Gumuz	*	*	-	*	*	*	*	*	*
Metekel	-	-	-	*	*	*	*	*	*
Asosa	*	*	-	*	*	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	21,129	15,355	5,775	29,702	16,865	12,836	*	*	*
Gurage	2,038	1,115	924	*	*	*	-	-	-
Hadiya	2,088	*	*	2,303	*	1,258	-	-	-
Kembata Tembaro	*	*	-	*	*	*	*	-	*
Sidama	3,817	3,817	-	2,250	*	*	-	-	-
Gedio	875	*	*	968	588	*	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	*	*	*	2,578	1,964	*	-	-	-
Shaka	739	602	*	*	*	*	*	*	-
Kaffa	7,516	6,400	1,117	11,458	5,971	5,488	*	*	*
Gamo Gofa	*	*	*	2,438	*	*	*	*	-
Bench Maji	639	*	*	1,671	573	1,098	-	-	-
Yem Sp. Wereda	*	-	*	*	*	-	*	*	*
Dawro	*	*	-	310	*	*	-	-	-
Basketo Sp. Wereda	*	*	*	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	-	-	-
Silte	*	*	*	*	*	*	-	-	-
Alaba Sp. Wereda	567	*	*	468	*	*	-	-	-
Segen People	-	-	-	*	*	*	-	-	-
Gambela Region	*	*	*	*	*	*	-	-	-
Angnuwak	*	*	*	-	-	-	-	-	-
Nuware	*	*	*	*	*	*	-	-	-
Mezhenger	*	*	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	-	*	-	-	-
Hundene	*	*	*	*	-	*	-	-	-
Dire Dawa	*	*	-	*	*	*	-	-	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	429,099	253,581	175,518	426,940	203,062	223,878	27,931	10,931	17,000
Tigray	28,359	17,341	11,018	30,268	14,121	16,147	*	*	*
North West Tigray	5,912	3,829	*	9,600	4,417	5,183	-	-	-
Central Tigray	6,550	4,461	2,088	7,793	2,895	4,898	*	-	*
Eastern Tigray	4,663	2,306	2,357	4,274	2,552	1,722	*	*	*
Southern Tigray	8,744	4,725	4,019	4,342	1,578	2,764	-	-	-
Western Tigray	2,489	2,019	470	4,259	2,679	1,581	*	*	-
Afar	1,829	1,496	*	5,629	3,401	*	-	-	-
Zone 1	1,218	*	*	*	*	*	-	-	-
Zone 3	*	*	*	2,070	1,499	*	-	-	-
Amhara	204,418	119,680	84,738	164,060	75,892	88,168	10,537	4,205	6,333
North Gonder	29,033	16,860	12,173	16,949	9,784	7,165	-	-	-
South Gonder	21,771	11,495	10,276	14,628	3,544	11,084	*	*	-
North Wolo	23,374	14,645	8,729	12,497	5,587	6,909	*	-	*
South Wolo	33,036	17,658	15,378	25,513	11,017	14,496	5,638	*	4,719
North Shewa	18,379	12,660	5,719	32,269	18,493	13,776	*	*	-
East Gojam	36,806	19,258	17,549	23,710	9,843	13,868	*	1,673	*
West Gojam	24,518	15,358	9,160	22,116	8,974	13,142	*	*	*
Waghamera	6,950	4,108	2,842	4,656	2,360	2,296	-	-	-
Awi	7,610	5,987	1,623	8,151	5,214	2,937	-	-	-
Oromia	2,774	1,586	1,188	3,390	961	2,429	-	-	-
Argoba Special	165	64	101	180	115	65	*	*	*
Oromia	155,505	90,466	65,039	172,464	78,246	94,218	11,479	4,162	7,318
West Wellega	11,762	5,877	5,885	8,040	4,156	3,884	-	-	-
East Wellega	5,781	4,436	1,345	12,662	*	4,336	-	-	-
Illubabor	*	*	*	4,818	2,531	2,287	-	-	-
Jimma	9,058	6,603	2,455	7,163	3,829	3,333	*	-	*
West Shewa	16,944	8,062	8,883	12,336	5,587	6,749	-	-	-
North Shewa	13,163	7,115	6,048	10,983	4,647	6,336	*	*	*
East Shewa	10,040	5,747	4,293	15,764	6,958	8,806	*	-	*
Arsi	21,584	13,620	7,964	24,975	8,453	16,522	*	*	*
West Harerghe	13,045	6,765	6,280	10,925	5,535	5,390	2,800	*	1,627
East Harerghe	6,160	3,071	3,089	12,309	5,516	6,794	2,850	*	2,281
Bale	9,308	5,752	3,557	10,297	4,682	5,615	*	*	*
Borena	2,166	1,558	*	1,094	*	*	-	-	-
South West Shewa	8,583	5,619	2,964	9,649	4,276	5,373	*	*	*
Guji	*	*	*	6,995	*	4,560	-	-	-
West Arsi	15,501	8,179	7,322	14,307	5,683	8,624	-	-	-
Kelem Wellega	4,281	3,113	*	4,852	2,775	2,077	-	-	-
Horogoduru Wellega	3,513	1,991	1,522	5,295	2,443	2,851	-	-	-

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	*	*	1,795	*	*	*	*
Shinele	*	*	-	138	*	*	*	*	*
Jijiga	*	*	*	*	1,363	*	*	-	*
Liben	*	*	*	*	*	*	-	-	-
Benshangul-Gumuz	5,020	4,189	831	22,273	16,839	5,435	*	*	-
Metekel	1,980	1,649	*	*	*	*	-	-	-
Asosa	1,803	1,322	481	6,585	3,803	2,783	-	-	-
Kemeshi	1,149	1,149	-	3,536	3,300	*	*	*	-
Mao Komo	*	*	*	437	273	164	-	-	-
SNNP	32,744	19,616	13,128	27,486	12,336	15,150	4,192	1,905	2,287
Gurage	1,988	*	*	2,850	*	2,206	*	-	*
Hadiya	5,980	2,393	3,587	6,203	2,122	4,081	*	*	*
Kembata Tembaro	1,563	1,429	*	1,268	1,145	*	*	*	-
Sidama	7,733	4,766	*	*	*	-	*	*	-
Gedio	-	-	-	*	*	-	*	*	-
Wolayita	3,346	2,084	*	*	*	*	-	-	-
South Omo	*	*	-	*	*	*	-	-	-
Shaka	*	*	-	481	481	-	*	*	-
Kaffa	-	-	-	*	*	-	-	-	-
Gamo Gofa	4,831	2,931	*	5,500	2,297	3,203	*	-	*
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	*	*	-	187	*	*	*	-	*
Dawro	-	-	-	*	*	-	-	-	-
Basketo Sp. Wereda	*	*	*	*	*	*	-	-	-
Konta Sp. Wereda	*	*	-	*	*	-	*	-	*
Silte	3,667	1,640	2,028	2,858	921	1,937	*	*	*
Alaba Sp. Wereda	1,576	895	681	1,622	376	1,246	*	-	*
Segen People	643	*	*	1,029	669	*	*	-	*
Gambela Region	*	*	-	*	*	-	-	-	-
Angnuwak	*	*	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	-	277	180	*	*	*	*
Hundene	*	*	-	277	180	*	*	*	*
Dire Dawa	290	186	*	597	*	365	252	*	*

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	35,719	17,081	18,639	18,231	10,599	7,631	*	*	*
Tigray	*	*	-	*	*	-	-	-	-
North West Tigray	*	*	-	-	-	-	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-	-	-
Western Tigray	*	*	-	-	-	-	-	-	-
Afar	-	-	-	*	*	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	*	*	*	-	-	-
Amhara	17,792	8,018	9,775	2,687	*	*	*	-	*
North Gonder	*	*	*	-	-	-	*	-	*
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	1,766	905	*	-	-	-	-	-	-
South Wolo	3,962	*	2,533	*	*	*	*	-	*
North Shewa	1,731	*	*	*	*	-	-	-	-
East Gojam	*	*	*	*	-	*	-	-	-
West Gojam	*	*	*	*	*	-	-	-	-
Waghamera	*	*	*	*	*	-	-	-	-
Awi	2,008	1,269	*	*	-	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	12,704	6,094	6,610	8,807	4,553	4,254	-	-	-
West Wellega	*	*	-	-	-	-	-	-	-
East Wellega	*	*	*	*	*	*	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	2,545	*	2,313	*	*	*	-	-	-
West Shewa	*	-	*	*	*	-	-	-	-
North Shewa	*	*	*	-	-	-	-	-	-
East Shewa	*	*	-	*	*	-	-	-	-
Arsi	2,949	1,983	*	*	*	-	-	-	-
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
Somale	*	*	*	*	*	-	-	-	-
Shinele	-	-	-	*	*	-	-	-	-
Jijiga	*	-	*	-	-	-	-	-	-
Liben	*	*	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	*	779	*	*	-	-	-
Metekel	*	-	*	679	*	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	*	*	-	*	*	*	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	4,305	2,290	2,015	5,147	3,605	1,542	*	*	*
Gurage	-	-	-	*	*	-	-	-	-
Hadiya	*	-	*	-	-	-	-	-	-
Kembata Tembaro	-	-	-	*	*	*	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	*	-	-	-	-	-	-	-
South Omo	*	*	-	*	*	*	-	-	-
Shaka	-	-	-	-	-	-	-	-	-
Kaffa	785	*	*	1,479	1,034	*	*	*	*
Gamo Gofa	1,571	1,043	*	*	*	*	-	-	-
Bench Maji	-	-	-	*	-	*	-	-	-
Yem Sp. Wereda	*	*	-	-	-	-	*	-	*
Dawro	*	*	*	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	*	*	*	*	*	-	*	*	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	44,783	34,851	9,932	4,596	3,784	*	41,195	18,113	23,082	3,672	*	2,650
Tigray	3,008	3,008	-	-	-	-	2,556	2,556	-	-	-	-
North West Tigray	*	*	-	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	-	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	-	-	-	*	*	-	-	-	-
Western Tigray	*	*	-	-	-	-	*	*	-	-	-	-
Afar	7,340	5,080	2,260	*	*	*	10,382	3,919	6,463	1,984	*	*
Zone 1	*	*	*	*	-	*	5,738	3,353	2,384	*	*	*
Zone 3	5,301	3,484	*	*	*	-	4,645	*	*	*	*	*
Amhara	8,591	7,566	*	*	*	*	2,730	2,730	-	-	-	-
North Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	*	*	*	-	-	-	*	*	-	-	-	-
South Wolo	*	*	-	-	-	-	*	*	-	-	-	-
North Shewa	2,201	2,201	-	-	-	-	*	*	-	-	-	-
East Gojam	*	*	*	*	*	*	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	782	782	-	-	-	-	*	*	-	-	-	-
Argoba special	*	*	*	-	-	-	-	-	-	-	-	-
Oromia	16,358	13,478	2,880	*	*	*	17,425	5,652	11,773	*	*	*
West Wellega	-	-	-	*	*	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-	*	-	*	*	-	*
Arsi	*	*	*	*	*	-	*	*	*	-	-	-
West Harerghe	*	*	*	*	-	*	*	*	*	*	*	-
East Harerghe	*	*	-	*	*	-	*	*	*	*	-	*
Bale	*	*	-	-	-	-	*	*	*	*	-	*
Borena	6,387	*	*	-	-	-	*	*	*	*	-	*
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
Somale	8,535	5,613	*	437	410	*	5,180	2,140	3,041	*	*	*
Shinele	*	*	*	-	-	-	*	*	*	*	-	*
Jijiga	*	*	*	*	*	*	*	*	*	-	-	-
Liben	6,276	3,502	*	*	*	-	4,518	*	2,727	*	*	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	*	-	*	-	-	-	*	*	*	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	*	*	*	-	-	-
Hundene	-	-	-	-	-	-	*	*	*	-	-	-
Dire Dawa	*	*	-	*	-	*	294	*	163	*	-	*

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	14,434,702	16,161,132	58,715,090	602,639
Tigray	1,749,804	3,550,081	6,142,710	80,984
North West Tigray	641,777	1,475,986	2,698,010	36,179
Central Tigray	469,061	866,332	1,167,460	14,565
Eastern Tigray	239,375	288,884	440,135	9,601
Southern Tigray	282,039	453,458	559,478	9,447
Western Tigray	117,552	465,422	1,277,627	11,192
Afar	15,474	34,393	208,287	-
Zone 1	*	*	*	-
Zone 3	*	31,188	194,490	-
Amhara	6,276,612	7,748,943	21,542,231	139,424
North Gonder	1,736,944	2,966,033	7,619,755	35,400
South Gonder	876,803	806,308	2,517,920	11,772
North Wolo	386,577	428,666	896,949	6,353
South Wolo	585,748	484,170	1,333,758	13,914
North Shewa	512,049	823,995	2,051,209	17,607
East Gojam	371,980	302,192	1,034,497	10,728
West Gojam	1,137,677	1,357,590	4,141,253	21,222
Waghamera	146,962	171,215	212,963	6,122
Awi	398,459	354,059	1,416,745	14,462
Oromia	113,281	49,146	292,559	*
Argoba Special	10,132	5,568	24,623	382
Oromia	4,545,949	3,365,751	19,410,066	238,352
West Wellega	277,861	302,764	1,690,475	8,134
East Wellega	175,922	181,469	1,005,769	6,687
Illubabor	206,634	211,093	990,721	9,290
Jimma	282,258	165,743	1,664,366	37,049
West Shewa	417,601	429,972	1,408,705	11,478
North Shewa	239,143	110,167	532,751	*
East Shewa	383,347	268,631	1,270,789	5,845
Arsi	543,052	434,678	1,564,029	16,087
West Harerghe	440,171	261,902	1,958,370	43,482
East Harerghe	251,246	97,362	1,730,934	40,097
Bale	174,290	117,868	520,142	3,075
Borena	157,301	64,883	585,974	3,291
South West Shewa	183,075	215,138	811,911	4,697
Guji	215,100	71,861	912,461	*
West Arsi	304,397	72,995	839,804	8,325
Kelem Wellega	134,673	189,642	1,303,322	18,602
Horoguduru Wellega	159,876	169,584	619,541	5,605

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	13,610	*	83,319	792
Shinele	711	*	*	*
Jijiga	*	-	4,623	-
Liben	12,095	*	75,778	*
Benshangul-Gumuz	253,465	412,880	1,808,101	13,407
Metekel	112,032	236,752	963,955	3,950
Asosa	112,359	136,817	614,404	*
Kemeshi	19,146	24,581	164,238	1,269
Mao Komo	9,928	14,730	65,503	676
SNNP	1,506,730	992,805	9,081,423	120,407
Gurage	67,226	75,413	258,073	*
Hadiya	127,018	109,091	570,763	14,372
Kembata Tembaro	56,867	38,102	373,081	5,428
Sidama	339,211	171,864	1,267,034	17,821
Gedio	76,480	75,421	198,798	*
Wolayita	133,537	15,865	831,318	16,290
South Omo	92,309	73,763	699,434	8,897
Shaka	16,543	48,394	345,982	4,103
Kaffa	157,164	119,738	1,454,787	24,808
Gamo Gofa	151,447	45,847	1,093,404	*
Bench Maji	86,958	114,737	822,852	7,300
Yem Sp. Wereda	10,863	3,353	39,688	1,896
Dawro	23,364	3,863	109,068	*
Basketo Sp. Wereda	2,052	3,251	40,050	*
Konta Sp. Wereda	8,319	5,949	99,718	*
Silte	99,700	53,696	457,129	4,783
Alaba Sp. Wereda	15,190	3,031	104,921	*
Segen People	42,483	31,429	315,322	1,953
Gambela Region	48,086	35,638	303,435	4,581
Angnuwak	24,405	17,474	150,837	2,170
Nuware	10,538	1,446	30,120	*
Mezhenger	5,685	13,041	86,593	*
Itang Special	7,459	3,677	35,884	1,251
Harari	10,792	932	49,784	1,296
Hundene	10,792	932	49,784	1,296
Dire Dawa	14,180	2,550	85,736	3,396

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

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Ethiopia	6,497,362	11,381,972	1.349	6	3,071,977,015	306,940	253,142	4.077	9	233,845,521
Tigray	69,422	853,667	1.327	6	274,218,335	*	*	*	*	*
North West Tigray	20,901	368,986	1.546	5	152,939,761	-	*	-	-	-
Central Tigray	7,878	117,080	0.936	6	21,570,714	-	-	-	-	-
Eastern Tigray	19,029	74,723	1.277	6	17,593,493	-	-	-	-	-
Southern Tigray	20,865	130,021	1.305	7	37,355,382	*	*	*	*	*
Western Tigray	*	162,856	1.397	6	44,758,985	*	*	-	-	-
Afar	238,211	373,806	2.014	6	138,231,117	141,867	89,375	3.455	10	77,371,332
Zone 1	150,757	238,473	2.191	6	96,747,704	18,551	30,766	4.239	10	30,608,386
Zone 3	87,454	135,333	1.658	6	41,483,414	123,315	58,610	2.957	10	46,762,946
Amhara	252,292	2,521,957	1.159	6	527,418,361	*	*	*	*	*
North Gondar	71,905	695,925	1.299	6	173,337,604	-	-	-	-	-
South Gondar	43,233	266,539	1.107	6	52,324,849	-	-	-	-	-
North Wolo	7,596	153,306	1.227	5	29,431,571	-	-	-	-	-
South Wolo	26,084	289,002	1.349	5	60,274,025	-	-	-	-	-
North Shewa	16,480	166,465	1.28	6	37,219,833	-	*	-	-	-
East Gojam	23,674	254,406	0.966	6	47,376,223	-	*	-	-	-
West Gojam	45,884	377,905	0.982	6	69,023,322	-	-	-	-	-
Waghamera	*	65,796	0.883	5	10,640,207	-	-	-	-	-
Awi	*	191,502	1.051	5	35,186,002	-	-	-	-	-
Oromia	12,168	56,749	1.18	6	11,720,323	*	*	*	*	*
Argoba Special	881	4,362	1.065	5	884,402	-	-	-	-	-
Oromia	2,400,051	4,622,194	1.439	6	1,329,938,740	68,182	74,793	3.909	9	64,504,255
West Wellega	13,438	191,465	1.067	7	42,006,340	-	-	-	-	-
East Wellega	18,414	180,699	1.14	6	39,256,844	-	-	-	-	-
Illubabor	113,551	226,953	1.136	6	52,987,280	-	-	-	-	-
Jimma	303,538	430,196	1.29	6	115,145,920	-	-	-	-	-
West Shewa	133,840	380,659	1.37	6	99,640,495	-	-	-	-	-
North Shewa	166,307	287,992	1.663	7	106,044,092	-	-	-	-	-
East Shewa	106,124	176,899	1.376	7	53,166,515	*	*	*	*	*
Arsi	317,405	507,362	1.641	7	176,239,144	*	*	*	*	*
West Harerghe	30,759	215,078	1.83	5	68,519,870	*	9,400	4.265	8	10,181,146
East Harerghe	62,603	282,303	1.796	5	82,901,725	*	*	3.975	8	5,609,517
Bale	375,208	356,556	1.497	6	115,658,398	10,522	13,331	*	8	6,149,536
Borena	134,984	262,024	1.402	6	76,975,967	16,032	20,263	3.571	9	19,210,678
South West Shewa	67,612	152,535	1.204	6	33,850,814	-	*	-	-	-
Guji	177,010	269,886	1.276	6	64,065,441	*	10,081	*	*	8,839,758
West Arsi	372,778	495,730	1.506	7	154,807,210	-	*	-	-	-
Kelem Wellega	*	93,308	1.156	6	20,853,851	-	-	-	-	-
Horoguduru Wellega	*	112,549	1.067	7	27,818,835	-	*	-	*	-

TABLE 3-21 CONT'D

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Somale	151,206	191,320	1.773	5	52,022,725	92,452	64,937	3.201	9	51,515,582
Shinele	1,658	3,957	1.475	5	1,091,191	1,284	2,062	2.872	9	1,131,455
Jijiga	101,465	112,753	1.804	5	29,656,951	35,013	28,666	2.937	8	18,284,677
Liben	48,083	74,610	1.733	6	21,274,583	56,154	34,208	3.381	10	32,099,451
Benshangul-Gumuz	31,801	118,653	1.157	6	25,676,818	-	*	-	-	-
Metekel	24,432	94,464	1.123	6	20,241,317	-	-	-	-	-
Asosa	5,119	12,745	1.185	6	2,907,544	-	-	-	-	-
Kemeshi	*	9,357	1.326	5	2,008,917	-	-	-	-	-
Mao Komo	93	2,087	1.332	6	519,040	-	*	-	-	-
SNNP	3,322,833	2,597,562	1.327	6	685,243,083	*	*	*	*	*
Gurage	327,868	221,456	1.379	6	59,044,356	-	-	-	-	-
Hadiya	262,947	206,794	1.295	6	55,112,347	-	-	-	-	-
Kembata Tembaro	121,475	97,361	1.451	6	29,061,440	-	-	-	-	-
Sidama	853,006	645,598	1.329	7	182,662,292	-	-	-	-	-
Gedio	14,341	14,727	1.132	6	3,163,307	-	-	-	-	-
Wolayita	231,871	203,203	1.426	7	62,089,084	-	-	-	-	-
South Omo	358,033	275,015	1.361	6	73,687,974	*	*	*	*	*
Shaka	41,248	37,971	1.593	5	10,125,495	-	-	-	-	-
Kaffa	189,340	216,121	1.409	5	54,076,929	-	-	-	-	-
Gamo Gofa	417,661	293,688	1.233	6	70,059,911	-	*	-	-	-
Bench Maji	77,611	76,700	1.576	6	22,051,763	-	-	-	-	-
Yem Sp. Wereda	8,688	10,207	1.082	6	2,049,299	-	-	-	-	-
Dawro	94,380	63,862	1.264	6	15,615,556	-	-	-	-	-
Basketo Sp. Wereda	14,195	9,712	1.053	5	1,776,334	-	-	-	-	-
Konta Sp. Wereda	31,479	24,502	1.234	6	5,602,712	-	-	-	*	-
Silte	155,759	108,148	1.161	6	21,803,711	-	-	-	-	-
Alaba Sp. Wereda	46,017	32,072	1.197	6	7,075,698	-	-	-	-	-
Segen People	76,916	60,426	0.914	5	10,184,874	-	-	-	-	-
Gambela Region	20,862	74,947	1.816	6	28,581,900	-	*	-	-	-
Angnuwak	3,618	5,219	1.847	5	1,531,369	-	*	-	-	-
Nuware	11,130	58,441	1.864	6	23,106,737	-	*	-	-	-
Mezhenger	6,009	9,294	1.713	5	2,856,227	-	-	-	-	-
Itang Special	*	1,993	1.971	7	*	-	-	-	-	-
Harari	7,198	15,206	2.078	5	5,961,638	2,072	1,181	3.712	9	1,183,975
Hundene	7,198	15,206	2.078	5	5,961,638	2,072	1,181	3.712	9	1,183,975
Dire Dawa	3,487	12,658	2.126	5	4,684,297	797	2,926	*	8	*

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

a. Indigenous Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	17,769,868	4	21	12	93,801,389
Tigray	1,440,309	5	21	13	9,360,923
North West Tigray	494,766	3	19	12	2,157,802
Central Tigray	346,857	5	21	13	2,727,622
Eastern Tigray	238,357	6	25	13	2,080,131
Southern Tigray	205,879	5	24	14	1,686,335
Western Tigray	154,450	3	19	11	709,033
Afar	36,436	4	20	11	163,587
Zone 1	*	*	*	*	*
Zone 3	31,208	3	20	11	136,653
Amhara	5,229,601	4	22	12	28,544,476
North Gonder	1,226,177	3	20	12	5,164,532
South Gonder	599,115	4	21	12	2,606,815
North Wolo	274,007	4	21	11	1,459,449
South Wolo	617,029	5	22	12	3,966,636
North Shewa	656,319	5	22	12	4,529,704
East Gojam	551,759	5	23	13	4,066,436
West Gojam	832,490	3	22	13	4,217,105
Waghamera	106,083	4	22	10	568,285
Awı	296,284	3	21	13	1,494,477
Oromia	62,565	4	23	12	404,188
Argoba Special	7,773	6	22	11	66,848
Oromia	7,173,970	4	21	12	38,903,209
West Wellega	387,161	3	18	10	1,190,989
East Wellega	261,491	3	18	10	781,078
Illubabor	388,123	3	20	11	1,358,508
Jimma	660,402	3	19	11	2,448,658
West Shewa	650,307	5	24	13	4,332,257
North Shewa	483,867	5	26	14	3,923,063
East Shewa	473,609	5	24	14	3,437,592
Arsi	743,884	5	23	13	5,611,336
West Harerghe	492,317	3	21	12	2,095,006
East Harerghe	648,226	4	20	11	2,790,751
Bale	264,419	4	23	14	1,724,397
Borena	206,058	3	17	11	968,376
South West Shewa	392,830	5	24	13	2,859,723
Guji	278,590	3	20	12	1,125,176
West arsi	445,087	5	22	13	2,809,703
Kelem Wellega	254,934	3	18	10	846,668
Horoguduru Wellega	142,665	3	20	12	599,928

TABLE 3-22 – a CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	55,455	4	20	13	295,492
Shinele	2,014	4	21	13	11,541
Jijiga	4,517	5	14	13	30,346
Liben	48,923	4	21	13	253,606
Benshangul-Gumuz	298,145	3	18	11	1,203,409
Metekel	128,785	3	19	11	525,919
Asosa	130,388	3	18	11	539,183
Kemeshi	24,131	3	17	10	80,627
Mao Komo	14,841	3	18	11	57,680
SNNP	3,395,179	3	20	11	14,665,311
Gurage	275,348	4	22	13	1,594,424
Hadiya	260,518	3	21	11	1,119,369
Kembata Tembaro	130,148	4	19	11	569,758
Sidama	670,513	3	20	12	3,131,939
Gedio	94,490	3	19	12	395,584
Wolayita	267,748	3	18	10	988,357
South Omo	356,251	3	21	12	1,432,643
Shaka	66,206	3	18	11	261,626
Kaffa	288,031	3	17	9	877,015
Gamo Gofa	331,907	4	19	11	1,417,293
Bench Maji	138,100	3	19	12	574,790
Yem Sp. Wereda	20,655	4	21	11	109,007
Dawro	56,915	3	18	10	187,311
Basketo Sp. Wereda	21,766	3	21	12	79,628
Konta Sp. Wereda	28,788	3	16	9	82,365
Silte	224,497	4	21	11	1,071,501
Alaba Sp. Wereda	45,568	4	21	11	210,286
Segen People	117,731	4	20	12	562,414
Gambela Region	76,603	3	17	11	334,333
Angnuwak	28,764	3	17	11	127,251
Nuware	19,152	3	15	12	81,111
Mezhenger	19,928	3	18	11	82,582
Itang Special	8,758	3	16	12	43,389
Harari	25,485	4	21	11	123,978
Hundene	25,485	4	21	11	123,978
Dire Dawa	38,686	4	20	11	206,670

b. Hybrid

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	588,579	5	31	25	7,604,939
Tigray	169,428	5	28	20	2,177,722
North West Tigray	46,639	4	22	18	323,869
Central Tigray	39,012	5	28	19	443,189
Eastern Tigray	47,516	7	33	22	*
Southern Tigray	25,531	5	27	20	263,881
Western Tigray	10,729	4	23	17	65,906
Afar	*	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	*	*	*	*
Amhara	197,283	5	28	23	2,173,366
North Gonder	26,974	4	20	18	177,777
South Gonder	15,332	4	22	19	104,264
North Wolo	9,470	3	34	30	96,010
South Wolo	22,736	9	25	20	335,008
North Shewa	33,293	5	28	21	321,776
East Gojam	28,189	5	30	25	437,990
West Gojam	43,492	5	31	26	499,442
Waghamera	2,774	4	22	17	32,727
Awi	13,505	4	37	26	133,425
Oromia	1,475	6	35	28	34,509
Argoba Special	*	*	*	*	*
Oromia	175,596	6	38	32	2,820,489
West Wellega	*	6	24	23	89,671
East Wellega	2,070	*	34	28	*
Illubabor	5,719	4	24	19	55,432
Jimma	8,274	*	*	15	*
West Shewa	21,416	*	26	24	*
North Shewa	23,467	5	41	32	388,965
East Shewa	18,353	6	27	26	262,058
Arsi	37,114	5	48	44	452,848
West Harerghe	*	*	*	*	*
East Harerghe	14,277	4	27	23	80,801
Bale	8,698	4	37	31	113,477
Borena	836	4	*	*	23,610
South West Shewa	10,174	5	36	30	116,103
Guji	*	*	*	*	*
West Arsi	10,786	3	52	*	107,313
Kelem Wellega	4,341	4	*	*	44,043
Horoguduru Wellega	1,728	4	43	*	21,135

TABLE 3-22 - b CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	*	*	*	*	*
Shinele	*	-	-	-	-
Jijiga	*	-	-	-	-
Liben	*	*	*	*	*
Benshangul-Gumuz	*	6	22	19	26,652
Metekel	*	*	*	*	*
Asosa	*	*	*	*	*
Kemeshi	*	*	*	*	*
Mao komo	*	*	*	*	*
SNNP	37,715	4	26	23	342,524
Gurage	5,882	4	23	20	35,459
Hadiya	*	7	21	21	20,204
Kembata Tembaro	5,646	6	35	31	140,990
Sidama	7,116	3	25	22	43,807
Gedio	*	*	*	*	*
Wolayita	6,856	3	33	24	*
South Omo	*	*	*	*	*
Shaka	*	*	*	*	*
Kaffa	*	*	*	*	*
Gamo Gofa	3,868	*	26	21	*
Bench Maji	*	*	*	*	*
Yem Sp. Wereda	447	4	24	19	4,715
Dawro	*	5	18	16	6,246
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	*	*	*	*	*
Silte	*	*	21	17	*
Alaba Sp. Wereda	*	-	-	-	-
Segen People	*	*	*	*	*
Gambela Region	210	3	*	*	1,725
Angnuwak	-	*	*	*	*
Nuware	*	-	-	-	-
Mezhenger	133	3	*	*	1,211
Itang Special	-	-	-	-	-
Harari	*	*	*	*	*
Hundene	*	*	*	*	*
Dire Dawa	1,857	5	24	19	20,240

c. Exotic Breeds

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Ethiopia	463,200	-	129	107	5,164,479
Tigray	223,955	-	157	128	2,942,308
North West Tigray	14,516	-	154	115	109,789
Central Tigray	54,957	-	204	167	992,793
Eastern Tigray	87,279	-	126	94	828,591
Southern Tigray	50,943	-	181	165	944,480
Western Tigray	16,261	-	44	41	66,655
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	119,164	-	115	97	1,283,849
North Gonder	*	-	*	*	*
South Gonder	19,274	-	120	114	*
North Wolo	*	-	96	81	*
South Wolo	47,679	-	115	93	466,851
North Shewa	4,137	-	51	49	33,799
East Gojam	3,404	-	125	103	49,814
West Gojam	14,328	-	*	*	*
Waghamera	2,206	-	165	164	38,767
Awi	*	-	*	*	*
Oromia	3,488	-	*	*	*
Argoba Special	*	-	*	*	*
Oromia	81,914	-	129	105	794,691
West Wellega	4,295	-	81	72	20,588
East Wellega	-	-	-	-	-
Illubabor	2,729	-	63	63	17,848
Jimma	*	-	*	*	*
West Shewa	7,084	-	*	*	*
North Shewa	3,388	-	*	*	*
East Shewa	8,584	-	201	152	163,665
Arsi	17,119	-	165	134	216,582
West Harerghe	*	-	*	*	*
East Harerghe	*	-	*	*	*
Bale	2,196	-	*	*	*
Borena	-	-	-	-	-
South West Shewa	*	-	*	*	*
Guji	*	-	*	*	*
West Arsi	*	-	*	*	*
Kelem Wellega	2,854	-	*	*	*
Horoguduru Wellega	*	-	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	*	-	*	*	*
Shinele	-	-	*	*	*
Jijiga	*	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	3,447	-	47	37	15,134
Metekel	*	-	*	*	*
Asosa	2,675	-	*	*	*
Kemeshi	*	-	*	*	*
Mao Komo	*	-	22	22	*
SNNP	32,377	-	42	38	119,449
Gurage	14,306	-	24	24	*
Hadiya	*	-	*	*	*
Kembata Tembaro	2,332	-	*	*	*
Sidama	*	-	*	*	*
Gedio	-	-	-	-	-
Wolayita	*	-	*	*	*
South Omo	*	-	*	*	*
Shaka	*	-	*	*	*
Kaffa	*	-	*	*	*
Gamo Gofa	*	-	*	*	*
Bench Maji	*	-	*	*	*
Yem Sp. Wereda	239	-	28	28	543
Dawro	*	-	*	*	*
Basketo Sp. Wereda	*	-	*	*	*
Konta Sp. Wereda	-	-	-	-	-
Silte	1,766	-	31	31	*
Alaba Sp. Wereda	*	-	*	*	*
Segen People	*	-	*	*	*
Gambela Region	*	-	*	*	*
Angnuwak	-	-	*	*	*
Nuware	-	-	-	-	-
Mezhenger	*	-	*	*	*
Itang Special	-	-	-	-	-
Harari	-	-	-	-	-
Hundene	-	-	-	-	-
Dire Dawa	2,176	-	49	41	*

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

a. Cattle

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	30,598,305	*****S	9,957,019	2,613,921	4,599,678	3,418,549
Tigray	3,573,180	1,140,937	1,387,372	439,120	374,169	231,583
North West Tigray	964,018	330,097	345,308	112,061	*	*
Central Tigray	777,868	291,596	276,698	68,851	87,947	*
Eastern Tigray	586,773	215,968	255,233	49,533	65,270	*
Southern Tigray	601,668	116,922	305,040	119,572	57,067	*
Western Tigray	642,852	186,353	205,093	89,103	119,369	*
Afar	*	*	*	*	*	*
Zone 1	*	*	*	*	-	*
Zone 3	*	-	*	*	*	*
Amhara	5,709,338	1,983,372	1,677,219	382,860	357,934	1,307,953
North Gondar	926,530	427,235	230,029	27,783	*	163,916
South Gondar	622,737	247,306	156,072	*	*	161,883
North Wolo	388,515	137,714	163,525	*	*	56,690
South Wolo	552,036	63,865	345,378	*	57,823	*
North Shewa	331,723	71,951	190,823	*	*	12,380
East Gojam	1,041,527	488,978	212,708	133,321	*	145,458
West Gojam	1,048,374	390,187	207,110	*	*	314,369
Waghamera	122,871	53,818	40,719	*	*	20,988
Awi	579,234	*	93,696	*	*	356,851
Oromia	95,478	9,871	37,159	*	*	24,948
Argoba Special	314	*	-	306	-	-
Oromia	15,171,460	4,934,083	4,859,337	847,211	3,084,288	1,446,541
West Wellega	872,759	191,036	204,815	133,572	257,189	*
East Wellega	864,676	200,880	215,848	*	297,729	96,961
Illubabor	566,868	181,577	77,982	*	245,915	59,392
Jimma	939,410	556,277	186,865	*	183,715	*
West Shewa	1,061,310	270,396	436,029	*	153,869	166,357
North Shewa	1,466,732	424,400	520,716	*	206,100	206,965
East Shewa	1,122,304	452,619	347,128	72,844	202,194	*
Arsi	1,211,130	619,168	432,826	*	87,112	*
West Harerghe	826,368	258,554	230,694	*	261,654	*
East Harerghe	488,133	162,979	165,435	40,717	104,585	*
Bale	1,064,274	282,844	703,069	*	*	*
Borena	523,020	119,964	*	153,669	*	232,567
South West Shewa	736,868	289,971	305,367	*	74,992	50,704
Guji	666,400	*	329,536	*	175,089	-
West Arsi	1,952,152	757,065	539,674	*	417,824	224,794
Kelem Wellega	338,466	68,416	83,986	65,330	82,296	38,439
Horoguduru Wellega	470,591	53,797	71,858	*	260,477	79,721

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	49,435	*	*	*	*	*
Shinele	*	*	*	-	-	-
Jijiga	*	-	-	*	-	-
Liben	47,484	*	*	*	*	*
Benshangul-Gumuz	403,921	28,853	72,074	68,847	79,390	154,756
Metekel	293,847	*	69,987	*	53,486	119,540
Asosa	87,464	-	*	31,624	*	33,193
Kemeshi	15,874	4,076	*	*	3,224	*
Mao Komo	6,737	965	*	5,022	*	-
SNNP	5,582,651	1,872,037	1,926,597	858,511	667,168	258,337
Gurage	628,167	362,924	164,529	28,027	*	*
Hadiya	255,022	171,683	59,092	*	*	*
Kembata Tembaro	194,573	95,539	95,713	*	*	-
Sidama	980,988	118,605	245,480	*	415,621	122,480
Gedio	35,435	*	16,561	*	*	*
Wolayita	257,216	128,846	77,141	27,714	*	22,025
South Omo	1,024,596	347,089	262,584	*	*	*
Shaka	49,261	*	46,793	-	*	*
Kaffa	234,308	51,465	109,758	*	72,409	-
Gamo Gofa	697,495	215,958	374,776	*	*	*
Bench Maji	214,468	41,379	107,721	*	*	*
Yem Sp. Wereda	41,536	*	32,229	-	*	-
Dawro	145,170	60,132	79,734	*	*	-
Basketo Sp. Wereda	30,083	12,258	16,497	1,167	-	*
Konta Sp. Wereda	49,102	*	46,774	*	*	-
Silte	286,331	119,621	57,861	49,621	*	*
Alaba Sp. Wereda	122,645	86,785	16,946	*	*	*
Segen People	336,255	35,779	116,408	106,497	*	46,786
Gambela Region	27,325	1,242	*	*	*	*
Angnuwak	20,864	-	*	*	*	*
Nuware	*	-	-	-	*	*
Mezhenger	1,643	1,242	-	-	*	-
Itang Special	*	-	-	*	-	*
Harari	32,602	11,222	9,896	-	7,490	*
Hundene	32,602	11,222	9,896	-	7,490	*
Dire Dawa	25,367	8,941	9,833	*	6,256	-

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	6,055,826	1,094,527	660,697	1,359,964	1,483,975	1,456,664
Tigray	1,174,972	172,819	170,267	91,009	596,219	144,658
North West Tigray	79,600	*	*	*	52,791	*
Central Tigray	342,996	*	83,022	-	143,942	*
Eastern Tigray	414,532	62,237	43,635	42,726	249,463	16,471
Southern Tigray	277,110	*	37,395	36,947	125,468	*
Western Tigray	60,735	*	*	*	24,555	*
Afar	21,854	*	*	*	-	*
Zone 1	*	*	-	*	-	*
Zone 3	*	-	*	*	-	*
Amhara	1,993,240	386,207	188,357	337,419	275,236	806,021
North Gonder	218,070	86,834	*	*	*	*
South Gonder	123,519	47,380	*	*	-	*
North Wolo	231,292	*	*	*	65,798	*
South Wolo	468,551	*	*	21,914	*	236,286
North Shewa	418,784	*	*	130,993	*	204,403
East Gojam	307,937	74,694	*	*	13,994	156,636
West Gojam	147,019	*	*	*	*	*
Waghamera	34,941	12,612	*	*	*	10,306
Awi	34,792	*	*	*	*	8,376
Oromia	7,354	*	*	*	*	*
Argoba Special	982	-	-	177	*	*
Oromia	1,800,887	388,910	223,325	370,939	410,141	407,572
West Wellega	23,828	*	*	9,843	9,142	*
East Wellega	4,477	-	-	*	*	*
Illubabor	28,892	*	-	*	15,707	*
Jimma	25,103	*	-	*	*	*
West Shewa	140,387	*	33,096	*	60,784	*
North Shewa	186,802	45,515	14,698	*	19,435	80,823
East Shewa	162,360	17,131	17,495	39,010	23,214	65,510
Arsi	346,477	117,170	*	84,971	55,975	42,288
West Harerghe	43,393	4,131	2,332	*	*	*
East Harerghe	120,209	16,455	21,793	*	55,498	*
Bale	47,470	*	*	*	*	*
Borena	146,613	*	*	100,042	-	*
South West Shewa	99,662	27,561	*	*	*	8,313
Guji	17,609	-	*	*	*	*
West Arsi	321,068	106,517	41,121	*	72,218	65,753
Kelem Wellega	59,963	*	11,718	18,988	9,642	8,616
Horoguduru Wellega	26,574	-	*	*	17,855	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	81,684	*	*	*	*	*
Shinele	*	*	-	*	-	*
Jijiga	*	-	-	*	-	-
Liben	73,074	*	*	*	*	*
Benshangul-Gumuz	27,978	-	*	8,216	*	15,010
Metekel	12,154	-	*	*	*	6,298
Asosa	10,232	-	-	5,514	*	3,898
Kemeshi	1,059	-	-	*	-	987
Mao Komo	4,534	-	*	*	*	3,828
SNNP	922,353	120,408	67,409	497,466	187,587	49,482
Gurage	38,861	*	*	*	*	6,154
Hadiya	51,331	8,619	*	11,837	*	*
Kembata Tembaro	30,709	4,381	3,285	*	16,793	*
Sidama	*	-	*	*	*	*
Gedio	42,314	-	-	22,380	*	*
Wolayita	21,433	5,893	9,490	*	*	*
South Omo	*	*	*	*	*	-
Shaka	*	-	*	-	*	*
Kaffa	30,169	-	*	-	*	*
Gamo Gofa	*	*	*	*	*	-
Bench Maji	20,590	-	*	*	12,218	*
Yem Sp. Wereda	5,728	*	-	-	4,245	*
Dawro	10,748	*	5,464	*	*	-
Basketo Sp. Wereda	5,195	*	*	4,959	-	*
Konta Sp. Wereda	*	-	*	-	-	-
Silte	68,558	14,865	*	*	*	*
Alaba Sp. Wereda	28,859	15,112	*	*	11,827	*
Segen People	24,884	*	*	14,186	*	*
Gambela Region	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	*	*	*	-	*	-
Hundene	*	*	*	-	*	-
Dire Dawa	32,584	2,944	3,208	13,691	11,356	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	6,726,123	1,015,493	593,529	2,193,298	1,841,879	1,081,924
Tigray	2,298,279	286,231	309,812	132,147	1,198,050	372,038
North West Tigray	846,888	74,378	70,920	32,617	518,269	*
Central Tigray	656,970	*	149,537	*	322,272	96,895
Eastern Tigray	173,779	23,414	38,024	*	88,954	*
Southern Tigray	185,973	*	12,365	21,163	106,974	*
Western Tigray	434,669	103,348	*	61,885	161,582	68,886
Afar	23,608	-	*	6,454	*	*
Zone 1	11,479	-	-	3,806	*	*
Zone 3	*	-	*	*	-	*
Amhara	852,429	356,601	35,627	143,902	123,404	192,896
North Gonder	*	*	*	*	*	*
South Gonder	41,458	33,089	*	*	-	*
North Wolo	123,780	55,107	*	*	38,107	22,725
South Wolo	65,395	*	*	*	*	18,420
North Shewa	132,505	4,055	*	66,629	22,128	35,170
East Gojam	80,457	*	-	*	*	29,042
West Gojam	35,634	*	*	*	-	*
Waghamera	111,535	36,316	*	*	*	35,158
Awi	*	*	-	-	-	*
Oromia	27,777	*	*	*	*	*
Argoba Special	4,089	178	*	1,721	*	2,015
Oromia	1,576,946	243,741	196,287	387,853	402,601	346,463
West Wellega	12,584	-	-	8,675	*	*
East Wellega	*	*	*	*	*	-
Illubabor	35,675	*	-	*	16,361	*
Jimma	13,103	*	-	-	*	*
West Shewa	22,087	*	*	*	12,103	-
North Shewa	81,079	27,280	*	*	*	*
East Shewa	215,894	31,232	24,483	23,062	44,710	92,407
Arsi	106,492	24,097	*	12,118	47,503	*
West Harerghe	200,493	17,256	*	10,328	122,485	*
East Harerghe	140,608	30,654	22,377	*	70,779	*
Bale	188,331	*	*	*	*	*
Borena	231,247	*	-	151,486	*	*
South West Shewa	27,841	8,244	8,140	*	*	*
Guji	*	-	*	*	-	-
West Arsi	220,705	65,770	31,923	*	52,129	64,813
Kelem Wellega	22,447	*	*	4,772	3,968	*
Horoguduru Wellega	10,205	-	*	*	3,811	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	186,042	*	*	*	-	*
Shinele	4,975	*	-	*	-	*
Jijiga	*	*	-	*	-	-
Liben	174,387	*	*	*	-	*
Benshangul-Gumuz	145,013	*	*	38,160	*	86,685
Metekel	32,584	-	*	*	*	26,712
Asosa	83,015	*	*	33,133	*	33,954
Kemeshi	18,754	-	-	*	*	18,166
Mao Komo	10,660	-	*	*	*	7,853
SNNP	1,548,631	56,869	36,483	1,366,107	61,734	27,437
Gurage	17,515	*	*	*	*	-
Hadiya	24,407	*	*	*	*	*
Kembata Tembaro	11,651	*	*	-	4,481	4,328
Sidama	*	*	*	*	*	*
Gedio	*	-	-	*	*	*
Wolayita	5,889	*	*	*	*	*
South Omo	*	*	*	*	*	-
Shaka	*	-	*	-	*	*
Kaffa	*	-	*	-	*	*
Gamo Gofa	54,928	-	*	36,707	*	*
Bench Maji	4,548	-	*	-	*	*
Yem Sp. Wereda	4,986	*	-	-	3,892	*
Dawro	*	*	*	-	-	-
Basketo Sp. Wereda	4,090	*	*	2,807	*	*
Konta Sp. Wereda	*	-	*	-	-	-
Silte	*	*	*	*	*	*
Alaba Sp. Wereda	27,747	15,007	*	*	11,498	*
Segen People	43,651	-	*	38,414	*	1,995
Gambela Region	*	-	-	*	*	*
Angnuwak	*	-	-	*	*	*
Nuware	*	-	-	-	*	*
Mezhenger	-	-	-	-	-	-
Itang Special	*	-	-	*	-	-
Harari	7,477	3,137	1,824	-	2,249	*
Hundene	7,477	3,137	1,824	-	2,249	*
Dire Dawa	86,384	8,835	8,008	*	35,135	*

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	103,356	*	14,668	18,127	9,689	18,134
Tigray	13,210	4,852	5,029	*	*	*
North West Tigray	3,188	*	*	-	*	*
Central Tigray	*	*	*	-	*	-
Eastern Tigray	-	-	-	-	-	-
Southern Tigray	*	*	*	-	-	*
Western Tigray	3,683	1,973	*	*	*	-
Afar	*	-	*	-	-	*
Zone 1	-	-	-	-	-	-
Zone 3	*	-	*	-	-	*
Amhara	24,201	*	*	*	*	11,648
North Gonder	*	*	-	-	-	-
South Gonder	-	-	-	-	-	-
North Wolo	*	*	*	-	-	*
South Wolo	-	-	-	-	-	-
North Shewa	*	*	*	*	-	*
East Gojam	*	-	-	*	-	*
West Gojam	*	-	-	-	-	*
Waghamera	-	-	-	-	-	-
Awi	*	-	-	-	-	*
Oromia	*	-	*	-	*	*
Argoba Special	-	-	-	-	-	-
Oromia	22,648	*	*	*	*	*
West Wellega	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-
Illubabor	*	*	*	-	*	-
Jimma	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
Arsi	*	-	-	-	-	*
West Harerghe	*	-	*	-	*	-
East Harerghe	*	-	-	-	*	-
Bale	*	-	*	-	-	*
Borena	11,290	*	-	*	*	-
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
Somale	*	*	*	-	-	*
Shinele	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-
Liben	*	*	*	-	-	*
Benshangul-Gumuz	*	-	-	*	-	*
Metekel	*	-	-	-	-	*
Asosa	*	-	-	*	-	*
Kemeshi	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-
SNNP	*	*	*	*	-	*
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	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	*	*	*	-	*	*
Hundene	*	*	*	-	*	*
Dire Dawa	2,039	1,148	*	*	*	-

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	8,748,948	5,538,743	5,724,711	1,215,142	86,499	29,525,910
Tigray	449,286	251,820	890,893	36,733	6,199	3,140,714
North West Tigray	203,805	26,130	447,859	11,482	2,488	1,366,216
Central Tigray	44,812	50,199	161,248	8,695	*	597,861
Eastern Tigray	12,921	98,342	26,651	3,564	-	161,045
Southern Tigray	108,639	64,623	71,823	5,794	1,059	231,712
Western Tigray	79,108	12,526	183,313	7,198	2,138	783,880
Afar	216,038	301,585	555,147	11,545	19,096	158,738
Zone 1	110,803	149,833	303,698	3,985	8,533	*
Zone 3	105,235	151,752	251,449	7,560	10,563	156,424
Amhara	2,000,599	1,971,165	1,450,655	401,119	9,987	12,096,044
North Gondar	397,458	238,932	516,304	41,688	-	5,121,737
South Gondar	231,675	125,341	113,308	34,703	-	1,160,657
North Wolo	81,663	128,254	69,983	19,664	*	384,378
South Wolo	150,528	347,758	158,232	44,585	*	667,635
North Shewa	136,829	355,252	188,127	46,569	*	1,320,750
East Gojam	285,521	229,199	101,975	83,479	-	429,340
West Gojam	420,132	337,874	95,290	73,361	-	2,051,570
Waghamera	52,875	42,225	122,558	10,779	-	68,839
Awii	212,048	137,419	51,082	42,206	-	725,536
Oromia	30,314	27,832	29,464	3,983	*	157,657
Argoba Special	1,556	1,078	4,333	102	*	7,947
Oromia	3,992,237	2,107,064	1,589,622	591,899	34,593	9,380,609
West Wellega	407,662	92,527	53,646	36,411	-	867,251
East Wellega	375,365	85,388	61,315	33,458	-	462,743
Illubabor	328,552	107,214	92,647	24,700	-	389,569
Jimma	415,624	198,320	82,604	34,005	-	525,459
West Shewa	424,809	224,316	127,517	53,691	-	1,092,355
North Shewa	154,447	162,652	32,820	36,159	-	319,518
East Shewa	124,799	63,509	81,547	26,153	*	925,045
Arsi	250,678	347,390	162,122	66,506	*	851,310
West Harerghe	91,861	27,136	83,349	18,981	*	513,394
East Harerghe	137,755	47,745	94,844	22,469	*	404,844
Bale	162,770	35,578	157,132	36,990	3,379	191,483
Borena	156,084	206,727	213,069	8,493	18,122	296,129
South West Shewa	141,593	97,476	48,355	31,423	*	694,131
Guji	117,450	88,621	90,940	42,866	*	335,911
Werst Arsi	248,673	155,177	86,107	61,798	-	402,530
Kelem Wellega	267,481	106,826	56,956	29,805	-	847,248
Horoguduru Wellega	186,632	60,461	64,652	27,993	-	261,689

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

TABLE 3-24 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	42,790	128,877	196,095	5,151	14,468	23,513
Shinele	2,005	4,341	18,657	269	*	*
Jijiga	18,561	73,043	82,325	*	*	*
Liben	22,224	51,493	95,114	*	8,831	22,213
Benshangul-Gumuz	252,105	39,763	268,654	39,441	-	1,088,981
Metekel	161,663	19,773	100,061	19,478	-	493,905
Asosa	64,171	13,767	141,801	13,362	-	470,850
Kemeshi	20,875	2,850	17,469	5,823	-	80,243
Mao Komo	5,397	3,373	9,323	778	-	43,983
SNNP	1,728,722	720,112	715,569	126,616	*	3,415,493
Gurage	95,245	44,585	6,318	10,168	-	121,142
Hadiya	62,086	41,844	17,128	11,249	-	308,876
Kembata Tembaro	41,939	15,086	6,180	4,031	-	129,434
Sidama	172,417	37,875	12,374	13,990	-	427,909
Gedio	11,453	36,105	*	2,171	-	56,046
Wolayita	185,214	32,981	17,069	9,592	-	340,423
South Omo	268,783	134,544	370,889	7,878	*	347,419
Shaka	15,829	7,568	2,246	1,656	-	94,252
Kaffa	139,282	121,800	52,697	20,127	-	341,861
Gamo Gofa	327,136	104,033	81,892	20,706	-	452,801
Bench Maji	83,775	31,186	16,083	3,242	-	268,856
Yem Sp. Wereda	11,847	3,629	5,075	177	-	16,570
Dawro	70,781	14,128	6,640	2,406	*	33,927
Basketo Sp. Wereda	14,422	4,084	3,298	533	-	17,474
Konta Sp. Wereda	34,691	7,107	4,118	740	-	20,973
Silte	46,532	33,406	16,681	6,946	-	194,978
Alaba Sp. Wereda	25,562	14,625	12,651	5,420	-	58,239
Segen People	121,730	35,526	83,250	5,586	-	184,311
Gambela Region	55,704	6,459	25,836	608	-	181,355
Angnuwak	19,233	*	9,625	*	-	97,804
Nuware	28,579	3,445	14,859	*	-	15,987
Mezhenger	5,736	1,340	317	199	-	51,678
Itang Special	2,156	*	1,035	-	-	15,887
Harari	6,967	498	5,333	807	*	9,766
Hundene	6,967	498	5,333	807	*	9,766
Dire Dawa	4,500	11,400	26,908	1,224	597	30,697

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	5,807,307	2,337,809	1,827,725	661,600	31,288	2,804,940
Tigray	270,924	95,803	305,439	12,224	3,387	220,264
North West Tigray	124,232	12,212	141,576	3,863	*	103,524
Central Tigray	23,790	14,428	49,561	2,874	-	*
Eastern Tigray	6,271	32,474	*	994	-	12,339
Southern Tigray	86,814	35,854	44,556	2,878	*	5,570
Western Tigray	29,817	*	60,529	*	939	46,405
Afar	23,401	20,970	47,179	*	*	-
Zone 1	10,330	*	14,709	*	-	-
Zone 3	*	*	32,469	*	*	-
Amhara	1,304,045	990,057	395,825	220,818	6,345	879,495
North Gondar	212,534	117,993	120,871	18,496	-	231,639
South Gondar	164,980	72,109	29,162	17,485	-	30,236
North Wolo	48,425	50,550	15,836	7,120	*	11,797
South Wolo	74,720	125,212	37,688	20,008	*	74,995
North Shewa	84,280	149,774	46,748	19,766	*	135,590
East Gojam	189,436	140,689	22,830	50,592	-	69,444
West Gojam	328,400	207,854	33,360	50,510	-	152,096
Waghamera	31,582	24,588	61,142	6,296	-	2,072
Awi	152,523	92,054	13,071	29,041	-	137,237
Oromia	16,764	9,075	13,253	1,487	*	*
Argoba Special	401	*	1,865	*	*	-
Oromia	2,873,252	933,420	627,714	332,249	13,366	1,320,505
West Wellega	350,649	65,998	33,706	29,111	-	206,966
East Wellega	305,126	43,040	26,963	20,126	-	48,581
Illubabor	279,695	59,213	60,939	17,077	-	74,466
Jimma	226,482	20,655	14,458	12,671	-	*
West Shewa	309,101	122,940	53,018	29,279	-	195,542
North Shewa	109,756	86,189	12,044	12,887	-	45,030
East Shewa	98,201	37,225	46,346	18,904	*	188,307
Arsi	158,189	123,012	51,803	30,554	*	80,144
West Harerghe	55,837	8,992	28,608	8,513	*	*
East Harerghe	66,086	13,491	32,793	7,133	*	38,123
Bale	110,313	6,066	*	22,731	2,355	30,601
Borena	81,015	*	61,429	2,168	5,947	*
South West Shewa	108,089	47,798	15,440	19,329	-	71,419
Guji	48,051	9,121	*	16,089	*	*
West Arsi	162,581	44,146	16,813	38,341	-	54,104
Kelem Wellega	253,047	91,743	39,846	26,443	-	182,311
Horoguduru Wellega	151,034	42,597	15,190	20,891	-	35,983

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	12,523	*	29,617	*	*	*
Shinele	*	1,056	6,352	*	*	-
Jijiga	*	*	*	*	*	-
Liben	5,246	7,752	10,656	*	*	*
Benshangul-Gumuz	215,036	27,375	142,201	22,980	-	179,192
Metekel	129,200	12,116	47,648	10,078	-	52,729
Asosa	62,366	10,722	78,763	7,626	-	114,476
Kemeshi	18,374	1,684	9,452	4,566	-	6,850
Mao Komo	5,096	2,854	6,338	710	-	5,136
SNNP	1,089,406	243,104	269,811	70,538	*	202,499
Gurage	56,739	10,049	1,285	4,896	-	28,718
Hadiya	35,697	9,841	3,857	5,563	-	29,742
Kembata Tembaro	26,845	3,861	3,158	2,071	-	21,032
Sidama	88,656	18,502	4,399	9,889	-	*
Gedio	6,726	13,724	*	1,637	-	3,730
Wolayita	144,508	14,096	11,918	8,368	-	30,190
South Omo	150,687	61,078	135,538	1,216	*	14,303
Shaka	12,554	2,559	*	1,069	-	*
Kaffa	61,678	16,258	7,296	7,670	-	*
Gamo Gofa	203,744	*	33,629	12,835	-	*
Bench Maji	61,149	11,397	2,659	1,863	-	*
Yem Sp. Wereda	8,536	804	1,584	*	-	*
Dawro	60,247	7,276	2,658	2,026	*	1,380
Basketo Sp. Wereda	12,510	2,407	2,007	382	-	*
Konta Sp. Wereda	25,365	2,324	432	*	-	*
Silte	30,511	11,310	*	4,281	-	10,829
Alaba Sp. Wereda	*	*	*	2,859	-	5,062
Segen People	83,774	16,529	40,194	3,607	-	*
Gambela Region	12,431	405	*	182	-	1,633
Angnuwak	7,312	*	*	*	-	*
Nuware	460	*	*	-	-	*
Mezhenger	4,362	*	*	146	-	1,018
Itang Special	*	-	*	-	-	-
Harari	3,857	*	1,604	232	*	*
Hundene	3,857	*	1,604	232	*	*
Dire Dawa	2,432	2,559	6,618	*	335	*

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

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Ethiopia	2,525,197	3,568,447	3,761,332	138,869	336,071	12,645	26,326	27,759,983
Tigray	119,525	169,889	581,044	3,437	19,130	*	1,386	2,811,965
North West Tigray	45,476	12,546	263,385	*	4,419	-	-	1,141,738
Central Tigray	20,550	36,551	125,763	-	6,301	*	*	560,933
Eastern Tigray	8,714	79,862	21,953	-	3,410	-	-	161,396
Southern Tigray	25,726	33,383	35,963	*	1,970	-	*	227,494
Western Tigray	19,059	7,547	133,980	*	3,030	-	*	720,405
Afar	148,710	207,229	358,449	*	2,724	*	6,540	141,674
Zone 1	84,176	102,013	187,545	-	*	-	3,417	*
Zone 3	64,535	105,216	170,905	*	*	*	3,123	139,359
Amhara	443,469	1,205,865	1,001,524	28,114	126,724	*	*	11,509,027
North Gonder	107,613	135,634	347,291	*	13,105	-	-	4,794,139
South Gonder	51,876	82,899	87,890	*	13,792	-	-	1,188,434
North Wolo	33,269	94,596	56,261	*	9,858	-	-	371,323
South Wolo	60,843	246,284	112,422	2,770	20,412	*	*	662,796
North Shewa	40,510	230,887	152,823	2,722	17,666	*	*	1,257,861
East Gojam	52,857	120,733	59,992	6,614	19,797	-	-	429,063
West Gojam	46,578	175,297	58,098	*	18,822	-	-	1,911,055
Waghamera	16,536	26,169	70,366	*	3,042	*	-	66,466
Awi	18,482	70,910	35,355	3,336	7,969	-	-	663,785
Oromia	14,100	21,934	18,100	-	2,187	-	*	156,533
Argoba Special	805	521	2,926	-	73	-	-	7,573
Oromia	1,092,903	1,367,673	1,090,646	77,249	140,276	5,750	12,360	8,848,854
West Wellega	52,843	40,365	30,898	*	7,477	-	-	832,399
East Wellega	49,160	43,883	36,830	705	10,819	*	-	420,605
Illubabor	72,596	60,827	52,849	4,105	3,585	*	-	366,543
Jimma	150,638	168,101	61,335	7,216	6,688	*	-	505,504
West Shewa	100,648	143,178	87,500	6,577	9,398	*	-	987,018
North Shewa	56,045	113,847	30,386	1,770	8,315	-	-	332,902
East Shewa	38,036	35,816	51,751	2,006	11,745	*	*	897,909
Arsi	117,124	257,200	131,651	12,383	18,532	*	*	825,940
West Harerghe	36,000	20,750	56,236	*	8,557	-	*	503,112
East Harerghe	51,189	37,770	61,247	-	10,942	-	*	378,214
Bale	61,385	32,034	107,015	2,394	7,524	-	*	175,242
Borena	61,539	89,136	141,265	-	972	-	*	279,801
South West Shewa	37,407	55,986	31,538	4,483	8,415	*	-	626,359
Guji	65,046	78,594	72,964	16,640	5,853	*	*	325,969
West Arsi	86,428	116,896	67,540	14,997	12,851	*	-	368,147
Kelem Wellega	28,777	36,929	28,417	-	4,228	*	-	783,135
Horoguduru Wellega	28,041	36,363	41,225	3,372	4,376	*	-	240,055

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	15,962	65,844	98,287	*	*	*	*	20,538
Shinele	*	2,726	12,906	-	*	*	*	*
Jijiga	5,484	36,176	*	-	*	-	*	*
Liben	9,291	26,943	42,620	*	*	-	*	19,624
Benshangul-Gumuz	41,423	23,624	182,661	*	21,137	674	-	1,034,580
Metekel	28,546	11,063	73,268	*	*	*	-	478,288
Asosa	9,514	8,794	92,709	*	6,073	-	-	437,674
Kemeshi	2,121	1,665	10,269	-	3,246	*	-	76,908
Mao Komo	1,242	2,102	6,415	-	420	-	-	41,709
SNNP	623,510	514,343	403,016	24,033	22,632	4,357	-	3,183,326
Gurage	45,516	36,154	5,671	1,420	1,816	*	-	90,450
Hadiya	33,002	33,335	12,233	2,036	6,203	-	-	300,179
Kembata Tembaro	18,818	13,001	3,793	*	883	*	-	120,564
Sidama	62,477	22,709	9,654	*	*	-	-	406,899
Gedio	3,200	17,033	*	968	-	*	-	53,096
Wolayita	48,515	18,249	5,093	-	*	-	-	327,392
South Omo	120,108	87,097	199,762	2,578	*	*	-	308,382
Shaka	4,742	5,187	1,796	*	481	-	-	91,574
Kaffa	82,315	104,256	44,610	8,630	-	1,276	-	310,302
Gamo Gofa	96,377	90,668	37,972	*	5,172	*	-	433,896
Bench Maji	26,425	19,752	9,963	1,671	*	*	-	262,990
Yem Sp. Wereda	1,763	3,026	4,121	-	154	-	-	14,072
Dawro	16,194	7,644	4,422	*	*	-	-	32,178
Basketo Sp. Wereda	3,178	1,800	1,615	-	*	*	-	13,680
Konta Sp. Wereda	11,066	4,562	3,284	*	*	*	-	18,748
Silte	21,450	24,635	*	*	1,820	*	-	177,411
Alaba Sp. Wereda	6,822	6,188	5,597	468	1,622	-	-	53,282
Segen People	21,541	19,047	40,866	*	1,029	-	-	168,232
Gambela Region	35,090	5,217	21,943	169	*	-	-	170,708
Angnuwak	11,699	*	7,968	-	-	-	-	91,801
Nuware	20,588	2,929	12,829	*	-	-	-	15,627
Mezhenger	1,666	1,070	*	*	*	-	-	47,639
Itang Special	*	*	917	-	-	-	-	15,641
Harari	2,790	315	3,602	*	239	-	*	9,588
Hundene	2,790	315	3,602	*	239	-	*	9,588
Dire Dawa	1,816	8,447	20,160	*	*	-	281	29,724

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

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Ethiopia	706,150	801,380	1,138,850	37,876	90,869	5,585	14,869	30,955,107
Tigray	64,430	60,038	199,444	*	11,138	-	*	3,330,745
North West Tigray	26,195	4,235	82,426	*	5,181	-	-	1,556,272
Central Tigray	8,820	19,546	50,669	*	*	-	-	606,527
Eastern Tigray	5,357	22,485	11,116	-	864	-	-	278,739
Southern Tigray	7,497	11,529	20,034	*	2,372	-	*	331,985
Western Tigray	16,562	2,244	35,200	*	1,230	-	*	557,223
Afar	56,275	113,776	202,167	*	2,905	*	3,842	66,614
Zone 1	27,062	66,869	146,265	*	*	-	2,320	*
Zone 3	29,213	46,908	55,903	-	*	*	*	*
Amhara	203,223	249,043	301,335	4,946	37,337	*	*	10,033,204
North Gonder	47,535	50,586	75,340	-	3,844	-	-	2,825,616
South Gonder	20,984	16,137	10,443	*	*	-	-	1,329,486
North Wolo	24,493	19,806	22,385	-	2,639	-	*	525,626
South Wolo	23,477	33,533	42,482	*	5,100	*	*	670,962
North Shewa	26,650	58,956	61,121	*	14,602	-	-	793,349
East Gojam	19,502	19,008	*	*	3,913	*	-	605,434
West Gojam	18,986	30,559	21,821	*	3,294	*	-	2,230,197
Waghamera	9,388	9,678	27,158	-	1,614	-	-	146,497
Awı	6,599	7,544	4,162	*	*	*	-	752,959
Oromia	5,294	*	6,243	-	*	-	*	136,027
Argoba Special	315	1,093	838	-	107	-	-	17,050
Oromia	254,716	242,328	242,980	16,663	32,188	3,056	5,065	10,561,212
West Wellega	7,696	11,855	6,571	*	*	-	-	858,077
East Wellega	10,425	18,436	5,748	*	1,843	*	-	585,164
Illubabor	11,689	6,750	6,483	*	*	-	-	624,178
Jimma	14,853	20,444	9,048	*	*	*	-	1,158,862
West Shewa	22,017	15,894	8,814	*	2,938	-	-	421,687
North Shewa	18,466	*	5,074	*	*	-	-	199,850
East Shewa	6,168	11,876	16,285	-	4,019	*	-	372,881
Arsi	80,758	37,671	34,712	6,471	6,443	*	*	738,089
West Harerghe	9,484	4,910	32,128	*	2,368	-	*	1,455,258
East Harerghe	5,746	14,465	28,133	-	*	*	*	1,352,720
Bale	14,912	7,141	29,418	*	2,773	*	-	344,901
Borena	8,165	19,133	27,198	-	*	*	*	306,172
South West Shewa	6,945	5,733	4,503	1,303	1,234	-	-	185,551
Guji	5,572	5,516	*	*	*	-	*	586,492
West Arsi	19,917	17,647	7,471	*	1,456	-	-	471,657
Kelem Wellega	4,474	9,142	2,819	-	*	-	-	520,187
Horoguduru Wellega	7,430	3,860	7,183	614	919	-	-	379,487

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	*	50,482	81,482	*	1,135	-	1,120	62,781
Shinele	*	1,450	5,293	-	*	-	*	2,429
Jijiga	785	11,651	11,316	*	962	-	*	4,198
Liben	*	*	64,872	-	*	-	*	56,154
Benshangul-Gumuz	9,927	5,530	40,416	*	1,137	*	-	773,521
Metekel	8,201	3,206	19,609	-	*	*	-	485,668
Asosa	963	*	14,042	*	*	-	-	176,730
Kemeshi	340	558	5,479	-	291	-	-	87,330
Mao Komo	*	657	1,285	-	*	-	-	23,794
SNNP	90,320	74,676	57,784	5,668	4,854	*	*	5,898,096
Gurage	8,076	*	*	*	*	-	-	167,623
Hadiya	8,578	5,070	*	*	-	-	-	270,584
Kembata Tembaro	5,344	*	*	-	*	*	-	252,517
Sidama	8,163	*	*	*	-	-	-	860,135
Gedio	*	*	*	-	*	-	-	145,702
Wolayita	3,648	1,680	1,206	-	*	-	*	503,925
South Omo	*	6,139	*	-	*	-	*	391,053
Shaka	560	2,914	*	*	-	-	-	254,408
Kaffa	2,909	16,303	7,203	*	*	*	-	1,144,485
Gamo Gofa	13,093	8,416	11,454	*	*	-	-	659,508
Bench Maji	2,800	7,348	3,502	-	-	-	-	559,862
Yem Sp. Wereda	684	497	735	*	*	-	-	25,616
Dawro	1,626	1,719	*	*	-	-	-	76,890
Basketo Sp. Wereda	419	356	*	*	-	-	-	26,371
Konta Sp. Wereda	1,103	577	*	-	-	-	-	80,970
Silte	7,756	6,028	5,095	*	1,038	-	-	279,718
Alaba Sp. Wereda	969	593	*	-	-	-	-	51,639
Segen People	2,485	3,133	6,027	-	-	-	-	147,090
Gambela Region	8,530	1,031	2,180	*	-	-	-	132,727
Angnuwak	405	*	1,040	-	-	-	-	59,037
Nuware	7,850	748	1,054	*	-	-	-	14,492
Mezhenger	123	225	*	-	-	-	-	38,954
Itang Special	*	*	*	-	-	-	-	20,243
Harari	250	*	1,070	-	*	-	*	40,196
Hundene	250	*	1,070	-	*	-	*	40,196
Dire Dawa	351	4,367	9,990	*	*	-	*	56,012

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

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	3,731,838	4,324,558	4,137,377	3,401,497	786,479	133,019	13,526	1,655	
Tigray	287,353	263,330	335,260	267,238	70,967	13,729	1,481	103	
North West Tigray	51,465	53,062	85,676	105,017	43,772	7,775	880	-	
Central Tigray	79,917	83,408	101,950	49,494	788	-	-	-	
Eastern Tigray	60,464	41,765	57,534	28,636	818	-	-	-	
Southern Tigray	68,341	66,379	68,945	49,448	7,009	-	-	-	
Western Tigray	27,169	18,715	21,154	34,643	18,579	5,954	601	103	
Afar	87,705	29,204	32,232	52,270	38,498	15,908	2,941	-	
Zone 1	53,327	13,065	19,476	37,500	25,839	10,785	1,127	-	
Zone 3	34,379	16,139	12,756	14,770	12,658	5,123	1,814	-	
Amhara	1,003,187	1,387,062	1,349,692	953,993	132,376	11,283	1,389	-	
North Gondar	185,173	220,606	210,997	188,039	51,098	8,475	1,389	-	
South Gondar	67,866	171,596	202,607	114,714	4,849	-	-	-	
North Wolo	65,330	113,320	103,453	48,387	4,020	-	-	-	
South Wolo	136,229	237,519	240,490	77,937	343	-	-	-	
North Shewa	149,727	176,280	137,417	96,185	5,337	-	-	-	
East Gojam	158,394	193,980	161,824	136,310	15,672	417	-	-	
West Gojam	133,042	164,303	178,692	171,963	24,205	462	-	-	
Waghamera	27,997	32,733	35,173	21,434	4,547	145	-	-	
Awii	49,187	44,853	53,290	77,728	19,332	1,458	-	-	
Oromia	28,730	30,326	24,109	19,631	2,803	320	-	-	
Argoba Special	1,514	1,546	1,639	1,665	169	6	-	-	
Oromia	1,355,894	1,455,720	1,368,273	1,423,287	419,686	57,115	2,371	144	
West Wellega	115,844	58,631	52,039	56,245	27,144	2,095	-	-	
East Wellega	45,891	30,758	39,596	50,763	24,634	3,975	-	-	
Illubabor	77,005	64,412	69,393	71,816	23,873	1,695	204	-	
Jimma	115,898	148,825	171,090	165,538	21,544	2,999	369	-	
West Shewa	94,307	103,522	100,659	133,009	47,716	3,896	-	-	
North Shewa	76,600	88,307	95,308	107,462	30,184	793	-	-	
East Shewa	84,543	76,592	61,758	69,547	21,059	3,535	-	-	
Arsi	105,641	138,061	141,809	172,639	46,738	5,972	-	-	
West Harerghe	58,764	119,011	98,329	59,740	8,348	329	-	-	
East Harerghe	89,433	206,472	132,918	43,788	2,675	-	-	-	
Bale	54,783	51,393	68,848	101,745	37,702	3,930	332	-	
Borena	49,946	35,841	30,340	41,117	20,861	9,715	1,273	144	
South West Shewa	72,633	81,988	90,659	79,942	11,332	1,285	-	-	
Guji	101,021	67,914	60,264	76,107	32,094	7,674	-	-	
West Arsi	100,625	111,586	93,777	129,398	40,659	4,277	-	-	
Kelem Wellega	89,492	53,499	43,903	35,615	4,638	262	-	-	
Horoguduru Wellega	23,473	18,905	17,584	28,816	18,484	4,683	193	-	

TABLE 3- 27-a CONT'D

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	48,097	23,708	26,888	31,019	14,750	4,041	196	-	-
Shinele	4,471	1,506	1,053	662	104	60	19	-	-
Jijiga	14,366	14,110	18,448	23,743	8,581	1,106	-	-	-
Liben	29,261	8,092	7,386	6,615	6,065	2,875	177	-	-
Benshangul-Gumuz	127,592	32,028	26,625	30,093	13,925	4,754	161	-	-
Metekel	47,058	19,371	17,878	23,006	11,829	4,415	161	-	-
Asosa	62,547	7,791	5,768	4,363	1,219	135	-	-	-
Kemeshi	10,147	3,030	2,139	2,223	774	204	-	-	-
Mao Komo	7,838	1,837	840	501	103	-	-	-	-
SNNP	772,980	1,105,073	979,778	634,189	90,814	22,156	4,574	1,339	-
Gurage	36,263	62,293	98,310	67,130	5,924	691	-	-	-
Hadiya	42,220	103,002	101,509	45,860	2,859	-	-	-	-
Kembata Tembaro	17,285	54,088	51,762	17,664	-	-	-	-	-
Sidama	209,432	352,849	199,619	104,389	12,667	3,102	-	-	-
Gedio	152,396	44,940	7,926	3,120	105	-	-	-	-
Wolayita	48,903	117,451	123,515	32,925	859	-	-	-	-
South Omo	58,286	46,239	37,482	50,001	21,445	14,126	4,282	1,339	-
Shaka	19,891	14,512	9,497	6,606	1,929	563	-	-	-
Kaffa	23,206	45,708	60,716	69,940	13,271	1,716	166	-	-
Gamo Gofa	55,753	110,181	115,851	93,775	13,016	426	-	-	-
Bench Maji	29,966	34,153	26,897	22,537	2,720	-	126	-	-
Yem Sp. Wereda	3,606	4,983	6,960	5,310	421	35	-	-	-
Dawro	7,192	13,040	19,952	26,195	3,865	83	-	-	-
Basketo Sp. Wereda	4,524	6,097	5,027	3,033	205	29	-	-	-
Konta Sp. Wereda	4,778	6,984	9,542	9,283	211	-	-	-	-
Silte	16,223	45,370	64,961	40,921	2,660	-	-	-	-
Alaba Sp. Wereda	5,120	13,604	14,130	12,023	1,665	72	-	-	-
Segen People	37,937	29,577	26,123	23,478	6,992	1,314	-	-	-
Gambela Region	34,299	7,850	5,172	4,657	4,971	4,033	413	68	-
Angnuwak	17,534	2,479	1,926	1,416	516	63	-	-	-
Nuware	1,649	335	576	2,551	4,382	3,715	334	62	-
Mezhenger	11,334	4,975	2,670	668	-	-	-	-	-
Itang Special	3,785	61	-	21	73	255	78	6	-
Harari	5,904	10,024	6,821	2,986	397	-	-	-	-
Hundene	5,904	10,024	6,821	2,986	397	-	-	-	-
Dire Dawa	8,822	10,560	6,638	1,765	97	-	-	-	-

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

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Ethiopia	10,833,489	3,503,252	1,534,364	643,936	14,122	454	332	
Tigray	965,226	110,850	105,760	57,464	161	-	-	-
North West Tigray	320,977	9,715	10,924	6,031	-	-	-	-
Central Tigray	246,840	32,204	25,256	11,257	-	-	-	-
Eastern Tigray	87,707	31,970	44,928	24,612	-	-	-	-
Southern Tigray	194,004	31,286	21,644	13,188	-	-	-	-
Western Tigray	115,695	5,676	3,009	2,377	161	-	-	-
Afar	124,926	40,550	28,672	61,889	2,392	329	-	-
Zone 1	82,020	22,869	16,676	38,453	1,101	-	-	-
Zone 3	42,907	17,680	11,996	23,436	1,291	329	-	-
Amhara	3,075,710	911,541	602,691	246,250	2,790	-	-	-
North Gondar	674,693	101,302	64,401	23,650	1,731	-	-	-
South Gondar	351,738	121,912	76,510	11,472	-	-	-	-
North Wolo	231,361	46,657	35,484	21,008	-	-	-	-
South Wolo	400,684	102,511	125,362	63,961	-	-	-	-
North Shewa	345,726	91,078	56,991	70,104	1,047	-	-	-
East Gojam	388,014	148,876	101,212	28,495	-	-	-	-
West Gojam	360,535	209,197	87,241	15,694	-	-	-	-
Waghamera	96,460	15,193	6,249	4,127	-	-	-	-
Awi	141,008	56,876	42,528	5,436	-	-	-	-
Oromia	80,420	17,184	6,282	2,033	-	-	-	-
Argoba Special	5,073	756	430	269	11	-	-	-
Oromia	3,948,210	1,384,835	567,102	181,309	702	-	332	-
West Wellega	236,659	57,083	17,059	1,197	-	-	-	-
East Wellega	129,834	47,794	16,278	1,711	-	-	-	-
Illubabor	182,107	102,326	22,437	1,528	-	-	-	-
Jimma	377,930	195,707	48,010	4,616	-	-	-	-
West Shewa	294,635	102,763	62,601	23,110	-	-	-	-
North Shewa	225,484	72,286	70,316	30,568	-	-	-	-
East Shewa	246,417	40,191	23,592	6,834	-	-	-	-
Arsi	333,713	139,231	92,266	45,319	331	-	-	-
West Harerghe	279,720	52,664	11,560	577	-	-	-	-
East Harerghe	319,200	130,214	22,112	3,760	-	-	-	-
Bale	268,583	25,293	15,274	9,251	-	-	332	-
Borena	117,177	39,545	19,590	12,554	371	-	-	-
South West Shewa	213,236	82,706	32,700	9,197	-	-	-	-
Guji	216,109	94,409	28,748	5,808	-	-	-	-
West Arsi	281,092	125,816	53,094	20,320	-	-	-	-
Kelem Wellega	157,184	50,543	18,735	947	-	-	-	-
Horoguduru Wellega	69,134	26,262	12,731	4,011	-	-	-	-

TABLE 3-27 - b CONT'D

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Somale	64,656	18,819	18,464	42,341	4,294	125	-	-
Shinele	3,436	1,883	989	1,320	191	56	-	-
Jijiga	35,064	6,130	6,689	28,672	3,730	69	-	-
Liben	26,158	10,806	10,786	12,349	372	-	-	-
Benshangul-Gumuz	211,018	15,719	6,658	1,783	-	-	-	-
Metekel	108,354	9,762	4,389	1,213	-	-	-	-
Asosa	77,027	3,413	1,076	307	-	-	-	-
Kemeshi	16,356	1,491	521	149	-	-	-	-
Mao Komo	9,281	1,053	672	113	-	-	-	-
SNNP	2,355,047	1,004,203	198,019	49,864	3,770	-	-	-
Gurage	171,225	76,511	20,848	2,027	-	-	-	-
Hadiya	183,267	102,352	9,831	-	-	-	-	-
Kembata Tembaro	88,471	48,604	3,724	-	-	-	-	-
Sidama	704,854	159,825	15,422	1,957	-	-	-	-
Gedio	140,236	61,137	6,123	991	-	-	-	-
Wolayita	208,530	112,612	2,511	-	-	-	-	-
South Omo	113,342	54,385	31,777	29,926	3,770	-	-	-
Shaka	37,483	10,371	4,282	862	-	-	-	-
Kaffa	90,272	96,585	25,782	2,084	-	-	-	-
Gamo Gofa	277,385	74,947	28,833	7,837	-	-	-	-
Bench Maji	66,288	41,202	8,722	187	-	-	-	-
Yem Sp. Wereda	12,333	7,317	1,635	30	-	-	-	-
Dawro	38,831	27,571	3,925	-	-	-	-	-
Basketo Sp. Wereda	11,532	6,351	1,032	-	-	-	-	-
Konta Sp. Wereda	19,679	9,998	1,072	49	-	-	-	-
Silte	74,981	73,727	19,457	1,970	-	-	-	-
Alaba Sp. Wereda	27,515	14,998	4,015	86	-	-	-	-
Segen People	88,827	25,711	9,025	1,858	-	-	-	-
Gambela Region	54,977	3,738	1,517	1,219	12	-	-	-
Angnuwak	23,434	455	45	-	-	-	-	-
Nuware	10,387	865	1,248	1,092	12	-	-	-
Mezhenger	17,003	2,400	212	32	-	-	-	-
Itang Special	4,153	18	12	96	-	-	-	-
Harari	23,752	2,067	270	43	-	-	-	-
Hundene	23,752	2,067	270	43	-	-	-	-
Dire Dawa	9,966	10,931	5,212	1,773	-	-	-	-

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

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Ethiopia	12,011,096	2,597,587	1,183,988	698,710	29,160	8,518	890	-
Tigray	781,198	141,233	156,425	157,055	3,437	113	-	-
North West Tigray	172,929	42,307	48,658	82,038	1,715	-	-	-
Central Tigray	169,316	48,119	60,648	36,664	810	-	-	-
Eastern Tigray	161,346	11,566	9,877	6,428	-	-	-	-
Southern Tigray	206,367	21,967	20,417	11,174	197	-	-	-
Western Tigray	71,240	17,274	16,825	20,752	714	113	-	-
Afar	80,644	37,712	32,001	97,113	10,132	982	174	-
Zone 1	46,693	22,934	20,645	63,689	6,744	414	-	-
Zone 3	33,949	14,779	11,356	33,424	3,388	569	174	-
Amhara	3,717,356	615,115	362,923	142,562	1,026	-	-	-
North Gondar	621,078	102,880	87,527	53,864	428	-	-	-
South Gondar	443,222	71,259	36,059	11,092	-	-	-	-
North Wolo	235,113	58,149	30,861	10,387	-	-	-	-
South Wolo	473,609	156,873	53,788	8,248	-	-	-	-
North Shewa	410,206	81,722	53,956	19,062	-	-	-	-
East Gojam	576,371	39,435	34,820	15,971	-	-	-	-
West Gojam	594,613	48,035	24,085	5,934	-	-	-	-
Waghamera	68,039	24,264	18,297	11,000	429	-	-	-
Awi	218,221	15,257	10,625	1,745	-	-	-	-
Oromia	73,716	15,894	11,763	4,377	169	-	-	-
Argoba Special	3,172	1,348	1,139	880	-	-	-	-
Oromia	4,370,634	1,116,809	439,515	153,757	1,775	-	-	-
West Wellega	275,322	27,078	8,517	1,081	-	-	-	-
East Wellega	159,045	23,237	11,373	1,962	-	-	-	-
Illubabor	239,270	51,215	16,992	921	-	-	-	-
Jimma	485,664	116,581	22,020	1,998	-	-	-	-
West Shewa	388,273	58,561	27,863	8,412	-	-	-	-
North Shewa	335,220	43,336	16,440	3,658	-	-	-	-
East Shewa	226,377	46,789	27,944	15,522	402	-	-	-
Arsi	460,089	93,037	40,963	16,098	673	-	-	-
West Harerghe	157,203	115,257	50,981	21,080	-	-	-	-
East Harerghe	202,678	210,399	56,603	5,606	-	-	-	-
Bale	191,023	63,659	42,733	21,318	-	-	-	-
Borena	90,490	36,517	30,539	31,092	599	-	-	-
South West Shewa	250,921	58,929	23,022	4,967	-	-	-	-
Guji	266,355	46,025	20,630	12,064	-	-	-	-
West Arsi	369,241	81,524	25,510	4,047	-	-	-	-
Kelem Wellega	192,186	28,270	6,635	318	-	-	-	-
Horoguduru Wellega	81,279	16,394	10,750	3,614	101	-	-	-

TABLE 3- 27- c CONT'D

Geographic Area	Holdings with no Goats	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Somale	37,412	20,924	24,391	60,319	4,777	876	-	-
Shinele	1,360	1,432	1,393	2,936	544	210	-	-
Jijiga	25,732	11,455	11,042	29,963	1,976	186	-	-
Liben	10,323	8,037	11,956	27,420	2,256	479	-	-
Benshangul-Gumuz	157,655	42,423	23,598	11,241	261	-	-	-
Metekel	89,775	17,816	10,499	5,367	261	-	-	-
Asosa	50,064	17,789	9,578	4,392	-	-	-	-
Kemeshi	10,383	4,547	2,550	1,037	-	-	-	-
Mao Komo	7,432	2,271	971	445	-	-	-	-
SNNP	2,804,702	596,072	129,466	65,720	7,688	6,540	715	-
Gurage	228,757	36,315	4,330	1,209	-	-	-	-
Hadiya	241,645	44,256	8,728	821	-	-	-	-
Kembata Tembaro	112,990	25,872	1,937	-	-	-	-	-
Sidama	783,956	82,540	13,513	2,049	-	-	-	-
Gedio	202,821	3,999	1,667	-	-	-	-	-
Wolayita	257,745	62,184	3,497	227	-	-	-	-
South Omo	125,078	25,786	19,966	47,506	7,688	6,461	715	-
Shaka	46,053	5,813	1,132	-	-	-	-	-
Kaffa	130,289	71,039	12,645	750	-	-	-	-
Gamo Gofa	276,589	86,541	21,414	4,458	-	-	-	-
Bench Maji	89,090	22,529	4,497	283	-	-	-	-
Yem Sp. Wereda	12,178	6,737	2,170	230	-	-	-	-
Dawro	50,920	16,226	2,737	444	-	-	-	-
Basketo Sp. Wereda	15,192	3,006	632	85	-	-	-	-
Konta Sp. Wereda	22,622	7,592	553	31	-	-	-	-
Silte	110,690	47,208	11,864	373	-	-	-	-
Alaba Sp. Wereda	26,646	15,379	4,368	221	-	-	-	-
Segen People	71,441	33,049	13,817	7,035	-	79	-	-
Gambela Region	48,672	6,021	3,875	2,831	64	-	-	-
Angnuwak	19,719	2,627	1,178	358	52	-	-	-
Nuware	6,912	1,965	2,487	2,228	12	-	-	-
Mezhenger	18,425	1,107	115	-	-	-	-	-
Itang Special	3,616	323	95	245	-	-	-	-
Harari	10,035	12,135	3,455	507	-	-	-	-
Hundene	10,035	12,135	3,455	507	-	-	-	-
Dire Dawa	2,787	9,144	8,340	7,604	-	7	-	-

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

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Ethiopia	15,221,565	1,152,334	134,714	19,348	1,988	11,426,065	4,680,815	392,097	30,343	629
Tigray	1,236,478	2,983	-	-	-	717,533	476,817	42,656	2,455	-
North West Tigray	347,647	-	-	-	-	196,164	137,301	12,174	2,008	-
Central Tigray	315,557	-	-	-	-	183,401	122,661	9,247	248	-
Eastern Tigray	187,742	1,475	-	-	-	100,543	81,076	7,598	-	-
Southern Tigray	259,449	673	-	-	-	158,911	90,501	10,710	-	-
Western Tigray	126,083	835	-	-	-	78,514	45,278	2,927	199	-
Afar	258,758	-	-	-	-	193,555	50,876	12,078	2,107	142
Zone 1	161,119	-	-	-	-	127,078	26,709	6,475	715	142
Zone 3	97,639	-	-	-	-	66,478	24,167	5,603	1,391	-
Amhara	4,539,092	278,773	19,875	1,242	-	2,960,863	1,755,328	119,719	3,072	-
North Gondar	846,605	16,324	2,380	468	-	547,640	300,969	17,168	-	-
South Gondar	543,542	17,349	741	-	-	330,270	224,989	6,373	-	-
North Wolo	312,136	21,712	662	-	-	195,214	133,415	5,881	-	-
South Wolo	622,608	68,786	1,124	-	-	374,510	301,475	16,085	448	-
North Shewa	529,150	34,384	1,412	-	-	280,729	257,654	26,247	316	-
East Gojam	590,492	70,299	5,396	410	-	425,816	217,254	21,657	1,870	-
West Gojam	650,494	20,033	2,140	-	-	466,588	191,141	14,938	-	-
Waghamera	121,699	330	-	-	-	67,578	49,628	4,688	135	-
Awi	210,102	29,362	6,020	364	-	199,749	40,963	4,832	304	-
Oromia	105,724	195	-	-	-	68,422	35,744	1,753	-	-
Argoba Special	6,539	-	-	-	-	4,345	2,096	98	-	-
Oromia	5,360,113	604,238	99,819	16,380	1,940	4,093,555	1,787,238	182,475	18,761	461
West Wellega	310,813	982	203	-	-	235,296	67,999	8,385	318	-
East Wellega	192,544	2,811	131	131	-	137,150	52,846	5,206	415	-
Illubabor	276,184	28,222	3,992	-	-	276,606	28,238	3,072	482	-
Jimma	563,298	58,081	2,712	1,580	592	562,832	63,431	-	-	-
West Shewa	401,417	68,650	11,510	1,532	-	326,382	145,350	10,683	694	-
North Shewa	336,106	54,844	7,704	-	-	234,763	144,845	18,057	989	-
East Shewa	305,305	11,296	433	-	-	136,870	144,551	29,803	5,553	257
Arsi	466,978	121,743	20,097	1,877	165	329,774	251,670	27,047	2,369	-
West Harerghe	344,521	-	-	-	-	174,056	163,901	6,072	492	-
East Harerghe	474,263	1,023	-	-	-	280,799	184,586	9,280	621	-
Bale	280,431	28,945	7,126	1,235	996	165,975	132,661	17,907	2,190	-
Borena	188,440	797	-	-	-	140,894	39,944	7,256	1,040	103
South West Shewa	286,506	49,177	2,156	-	-	201,940	121,429	12,690	1,780	-
Guji	253,274	70,547	16,020	5,233	-	290,828	49,409	4,837	-	-
West Arsi	366,520	86,002	24,787	3,013	-	342,131	123,116	14,339	736	-
Kelem Wellega	219,399	7,629	381	-	-	185,526	40,929	954	-	-
Horoguduru Wellega	94,118	13,490	2,566	1,778	186	71,736	32,332	6,888	1,081	101

TABLE 3-27 – d CONT'D

Geographic Area	Horses					Donkeys				
	Holdings with no Horses	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Donkeys	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Somale	148,699	-	-	-	-	66,268	70,793	10,301	1,310	27
Shinele	7,875	-	-	-	-	4,531	2,741	498	78	27
Jijiga	80,354	-	-	-	-	35,316	38,769	5,765	504	-
Liben	60,471	-	-	-	-	26,420	29,283	4,039	729	-
Benshangul-Gumuz	234,249	749	78	102	-	186,905	44,547	3,168	558	-
Metekel	122,789	749	78	102	-	98,037	24,520	826	335	-
Asosa	81,823	-	-	-	-	64,475	15,198	2,014	136	-
Kemeshi	18,517	-	-	-	-	14,632	3,487	312	86	-
Mao Komo	11,119	-	-	-	-	9,761	1,342	16	-	-
SNNP	3,329,429	264,907	14,942	1,625	-	3,114,677	474,060	20,099	2,067	-
Gurage	226,848	42,221	1,542	-	-	196,942	66,693	6,272	704	-
Hadiya	271,194	23,985	271	-	-	212,458	81,299	1,693	-	-
Kembata Tembaro	134,539	6,145	115	-	-	114,674	25,992	133	-	-
Sidama	842,194	39,291	573	-	-	822,762	58,013	1,283	-	-
Gedio	195,986	11,576	925	-	-	205,853	2,634	-	-	-
Wolayita	323,425	228	-	-	-	289,668	33,733	252	-	-
South Omo	213,686	16,293	2,347	874	-	219,956	9,093	3,459	692	-
Shaka	46,849	5,349	727	73	-	50,581	2,417	-	-	-
Kaffa	165,114	44,863	4,358	388	-	212,981	1,742	-	-	-
Gamo Gofa	356,171	29,805	2,736	290	-	334,045	53,848	1,109	-	-
Bench Maji	108,800	7,047	552	-	-	115,206	1,193	-	-	-
Yem Sp. Wereda	20,735	580	-	-	-	18,154	3,028	133	-	-
Dawro	65,598	4,556	173	-	-	67,950	2,286	91	-	-
Basketo Sp. Wereda	18,690	225	-	-	-	17,882	1,033	-	-	-
Konta Sp. Wereda	29,709	1,089	-	-	-	29,402	1,396	-	-	-
Silte	143,662	26,139	334	-	-	88,665	78,884	2,071	515	-
Alaba Sp. Wereda	43,341	2,986	287	-	-	19,103	25,808	1,628	75	-
Segen People	122,892	2,529	-	-	-	98,396	24,969	1,975	81	-
Gambela Region	60,780	683	-	-	-	60,617	846	-	-	-
Angnuwak	23,934	-	-	-	-	23,179	755	-	-	-
Nuware	13,604	-	-	-	-	13,604	-	-	-	-
Mezhenger	18,964	683	-	-	-	19,555	92	-	-	-
Itang Special	4,279	-	-	-	-	4,279	-	-	-	-
Harari	26,084	-	-	-	48	16,807	8,917	408	-	-
Hundene	26,084	-	-	-	48	16,807	8,917	408	-	-
Dire Dawa	27,882	-	-	-	-	15,282	11,393	1,194	13	-

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

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Ethiopia	16,165,943	358,537	5,264	205	-	16,270,922	155,705	35,994	36,355	30,973
Tigray	1,234,659	4,613	189	-	-	1,207,867	26,189	2,499	2,906	-
North West Tigray	347,307	340	-	-	-	334,925	12,368	354	-	-
Central Tigray	314,522	1,035	-	-	-	312,043	3,514	-	-	-
Eastern Tigray	188,256	772	189	-	-	189,217	-	-	-	-
Southern Tigray	258,715	1,407	-	-	-	251,818	3,351	2,047	2,906	-
Western Tigray	125,859	1,059	-	-	-	119,864	6,956	98	-	-
Afar	258,381	377	-	-	-	190,123	35,618	8,659	10,233	14,125
Zone 1	161,119	-	-	-	-	116,448	31,188	3,886	4,758	4,839
Zone 3	97,262	377	-	-	-	73,676	4,429	4,773	5,475	9,286
Amhara	4,692,619	145,106	1,257	-	-	4,790,785	45,868	1,780	549	-
North Gonder	853,202	12,575	-	-	-	862,771	3,006	-	-	-
South Gonder	546,366	15,266	-	-	-	561,632	-	-	-	-
North Wolo	323,145	11,365	-	-	-	321,381	12,626	503	-	-
South Wolo	663,953	28,565	-	-	-	682,424	9,430	332	332	-
North Shewa	552,100	12,846	-	-	-	551,857	13,089	-	-	-
East Gojam	649,535	16,641	421	-	-	666,597	-	-	-	-
West Gojam	642,851	28,981	835	-	-	672,667	-	-	-	-
Waghamera	119,222	2,807	-	-	-	122,029	-	-	-	-
Awi	230,023	15,825	-	-	-	245,848	-	-	-	-
Oromia	105,711	208	-	-	-	97,345	7,443	914	217	-
Argoba Special	6,512	27	-	-	-	6,233	275	31	-	-
Oromia	5,940,613	139,531	2,346	-	-	6,017,434	32,638	15,274	13,715	3,429
West Wellega	307,429	4,569	-	-	-	311,998	-	-	-	-
East Wellega	190,901	4,716	-	-	-	195,617	-	-	-	-
Illubabor	295,588	11,919	891	-	-	308,398	-	-	-	-
Jimma	607,038	19,225	-	-	-	626,263	-	-	-	-
West Shewa	471,424	11,685	-	-	-	483,109	-	-	-	-
North Shewa	393,744	4,658	252	-	-	398,654	-	-	-	-
East Shewa	308,252	8,556	226	-	-	315,879	833	-	322	-
Arsi	591,878	18,632	350	-	-	602,784	4,038	1,346	2,692	-
West Harerghe	341,932	2,589	-	-	-	335,809	3,869	2,848	1,216	779
East Harerghe	474,971	315	-	-	-	467,349	4,211	1,570	1,491	665
Bale	301,543	17,190	-	-	-	306,875	7,108	3,080	1,670	-
Borena	187,487	1,750	-	-	-	170,162	9,103	4,206	4,139	1,627
South West Shewa	332,933	4,642	264	-	-	337,839	-	-	-	-
Guji	330,966	13,826	282	-	-	337,110	3,198	2,224	2,184	358
West Arsi	474,781	5,541	-	-	-	480,045	277	-	-	-
Kelem Wellega	220,222	7,187	-	-	-	227,409	-	-	-	-
Horoguduru Wellega	109,526	2,531	81	-	-	112,138	-	-	-	-

TABLE 3-27 – e CONT'D

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Somale	148,478	221	-	-	-	108,896	11,611	6,534	8,292	13,366
Shinele	7,875	-	-	-	-	6,301	879	287	239	169
Jijiga	80,236	118	-	-	-	63,363	6,117	2,420	3,314	5,140
Liben	60,368	103	-	-	-	39,233	4,615	3,828	4,739	8,056
Benshangul-Gumuz	233,438	1,740	-	-	-	235,050	-	-	128	-
Metekel	122,169	1,549	-	-	-	123,718	-	-	-	-
Asosa	81,823	-	-	-	-	81,695	-	-	128	-
Kemeshi	18,347	170	-	-	-	18,517	-	-	-	-
Mao Komo	11,098	21	-	-	-	11,119	-	-	-	-
SNNP	3,542,441	66,786	1,471	205	-	3,609,497	900	506	-	-
Gurage	266,828	3,783	-	-	-	270,611	-	-	-	-
Hadiya	291,212	4,238	-	-	-	295,450	-	-	-	-
Kembata Tembaro	140,039	760	-	-	-	140,799	-	-	-	-
Sidama	872,050	10,008	-	-	-	882,058	-	-	-	-
Gedio	205,722	2,765	-	-	-	208,487	-	-	-	-
Wolayita	322,296	1,357	-	-	-	323,653	-	-	-	-
South Omo	223,873	7,797	1,325	205	-	232,070	775	355	-	-
Shaka	52,023	975	-	-	-	52,935	63	-	-	-
Kaffa	203,780	10,943	-	-	-	214,573	-	150	-	-
Gamo Gofa	375,420	13,582	-	-	-	389,002	-	-	-	-
Bench Maji	115,387	1,012	-	-	-	116,399	-	-	-	-
Yem Sp. Wereda	21,095	220	-	-	-	21,285	30	-	-	-
Dawro	65,778	4,549	-	-	-	70,327	-	-	-	-
Basketo Sp. Wereda	18,365	550	-	-	-	18,884	31	-	-	-
Konta Sp. Wereda	29,902	896	-	-	-	30,798	-	-	-	-
Silte	168,003	2,132	-	-	-	170,135	-	-	-	-
Alaba Sp. Wereda	46,387	227	-	-	-	46,614	-	-	-	-
Segen People	124,284	991	146	-	-	125,421	-	-	-	-
Gambela Region	61,438	25	-	-	-	61,463	-	-	-	-
Angnuwak	23,934	-	-	-	-	23,934	-	-	-	-
Nuware	13,604	-	-	-	-	13,604	-	-	-	-
Mezhenger	19,622	25	-	-	-	19,647	-	-	-	-
Itang Special	4,279	-	-	-	-	4,279	-	-	-	-
Harari	26,132	-	-	-	-	25,112	470	314	190	46
Hundene	26,132	-	-	-	-	25,112	470	314	190	46
Dire Dawa	27,745	137	-	-	-	24,693	2,412	428	342	7

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	6,972,315	7,691,189	1,861,382	4,962	101	
Tigray	338,147	671,628	228,702	984	-	-
North West Tigray	84,760	161,040	101,163	684	-	-
Central Tigray	72,937	195,648	46,972	-	-	-
Eastern Tigray	43,039	120,139	26,039	-	-	-
Southern Tigray	98,871	141,297	19,954	-	-	-
Western Tigray	38,541	53,504	34,573	300	-	-
Afar	232,240	22,994	3,524	-	-	-
Zone 1	158,830	1,964	325	-	-	-
Zone 3	73,410	21,030	3,199	-	-	-
Amhara	1,615,818	2,634,675	586,167	2,322	-	-
North Gonder	191,128	440,579	231,748	2,322	-	-
South Gonder	168,177	335,934	57,521	-	-	-
North Wolo	85,048	229,130	20,332	-	-	-
South Wolo	210,763	438,652	43,103	-	-	-
North Shewa	187,029	340,459	37,458	-	-	-
East Gojam	378,854	252,408	35,335	-	-	-
West Gojam	220,851	344,250	107,566	-	-	-
Waghamera	45,073	69,818	7,138	-	-	-
Awi	77,044	129,471	39,333	-	-	-
Oromia	50,097	50,187	5,635	-	-	-
Argoba Special	1,753	3,786	1,000	-	-	-
Oromia	2,764,960	2,660,058	656,905	466	101	-
West Wellega	121,164	130,662	60,172	-	-	-
East Wellega	73,302	87,650	34,665	-	-	-
Illubabor	132,100	132,701	43,597	-	-	-
Jimma	313,761	251,782	60,720	-	-	-
West Shewa	189,365	235,905	57,839	-	-	-
North Shewa	185,066	185,069	28,519	-	-	-
East Shewa	140,292	132,866	43,876	-	-	-
Arsi	272,933	279,816	58,111	-	-	-
West Harerghe	128,671	164,957	50,893	-	-	-
East Harerghe	179,105	263,245	32,601	335	-	-
Bale	200,246	95,915	22,572	-	-	-
Borena	93,984	72,490	22,632	131	-	-
South West Shewa	135,080	175,942	26,817	-	-	-
Guji	186,881	129,309	28,884	-	-	-
West Arsi	273,540	177,231	29,551	-	-	-
Kelem Wellega	96,986	94,624	35,799	-	-	-
Horoguduru Wellega	42,487	49,894	19,656	-	101	-

TABLE 3-27 – f CONT'D

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	119,646	24,547	4,371	135	-	-
Shinele	6,616	1,089	170	-	-	-
Jijiga	76,747	3,459	148	-	-	-
Liben	36,282	20,000	4,054	135	-	-
Benshangul-Gumuz	75,759	104,984	53,960	475	-	-
Metekel	46,256	57,413	19,863	186	-	-
Asosa	19,917	36,136	25,481	289	-	-
Kemeshi	6,468	6,299	5,750	-	-	-
Mao Komo	3,116	5,137	2,866	-	-	-
SNNP	1,770,287	1,529,187	311,069	360	-	-
Gurage	109,830	141,879	18,902	-	-	-
Hadiya	134,052	131,132	30,266	-	-	-
Kembata Tembaro	61,747	69,961	9,091	-	-	-
Sidama	510,841	327,394	43,823	-	-	-
Gedio	140,883	63,852	3,752	-	-	-
Wolayita	161,829	133,029	28,795	-	-	-
South Omo	92,912	94,901	45,387	-	-	-
Shaka	20,253	28,627	4,118	-	-	-
Kaffa	66,977	121,209	26,537	-	-	-
Gamo Gofa	216,857	140,380	31,494	271	-	-
Bench Maji	48,557	49,865	17,977	-	-	-
Yem Sp. Wereda	9,635	11,174	506	-	-	-
Dawro	39,605	26,402	4,320	-	-	-
Basketo Sp. Wereda	8,340	8,121	2,454	-	-	-
Konta Sp. Wereda	14,178	13,869	2,751	-	-	-
Silte	50,612	97,125	22,398	-	-	-
Alaba Sp. Wereda	19,170	22,398	5,046	-	-	-
Segen People	64,007	47,870	13,455	89	-	-
Gambela Region	31,643	16,959	12,641	220	-	-
Angnuwak	12,478	5,676	5,691	89	-	-
Nuware	6,925	2,656	3,999	24	-	-
Mezhenger	10,123	7,886	1,606	32	-	-
Itang Special	2,117	741	1,345	76	-	-
Harari	13,967	10,148	2,017	-	-	-
Hundene	13,967	10,148	2,017	-	-	-
Dire Dawa	9,847	16,010	2,025	-	-	-

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

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	100	56.23	30.06	0.3	7.44	1.21	4.76
Tigray	100	39.35	38.57	0.56	14.3	3.29	3.93
North West Tigray	100	45.63	27.94	0.64	13.82	4.55	7.43
Central Tigray	100	29.56	51.46	0.29	16.54	1.54	0.61
Eastern Tigray	100	28.66	49.91	0.67	14.23	5.88	0.66
Southern Tigray	100	39.26	42.96	0.55	12.46	2.25	2.53
Western Tigray	100	58.73	15.24	0.79	14.29	2.2	8.76
Afar	100	87.04	7.25	0.03	0.97	2.65	2.06
Zone 1	100	89.05	6.49	0.04	0.74	2.18	1.51
Zone 3	100	83.57	8.56	0.01	1.37	3.47	3.01
Amhara	100	37.63	39.83	0.21	15.36	0.77	6.2
North Gonder	100	39.26	36.3	0.21	22.26	1.06	0.9
South Gonder	100	29.19	47.83	0.31	20.2	1.5	0.97
North Wolo	100	33.99	45.23	0.52	12.27	0.38	7.62
South Wolo	100	28.93	41.89	0.42	20.87	0.54	7.36
North Shewa	100	35.9	41.94	0.08	16.31	1.13	4.65
East Gojam	100	40.76	42.83	0.08	5.78	0.09	10.45
West Gojam	100	44.7	34.51	0.01	8.74	0.89	11.16
Waghamera	100	36.3	38.61	0.31	14.16	0.18	10.44
Awi	100	55.42	26.46	0.1	10.61	0.21	7.21
Oromia	100	46.63	29.8	0.04	16.67	1.31	5.55
Argoba Special	100	45.47	29.19	-	20.18	0.09	5.07
Oromia	100	65.21	26.15	0.23	2.87	1.13	4.41
West Wellega	100	87.98	9.19	0.02	0.13	0.3	2.39
East Wellega	100	82.7	13.62	0.06	0.13	0.04	3.44
Illubabor	100	87.94	8.71	0.04	0.03	0.36	2.91
Jimma	100	88.24	8.75	0.01	0.22	0.32	2.45
West Shewa	100	67.54	23.35	0.17	3.3	0.64	5
North Shewa	100	45.37	30.53	0.23	18.5	1.34	4.03
East Shewa	100	45.99	43.94	0.42	1.74	5.41	2.49
Arsi	100	56.07	35.51	0.13	2.92	2.14	3.23
West Harerghe	100	34.94	42.18	0.12	3.63	1.51	17.62
East Harerghe	100	37.56	48.5	1.41	3.34	0.95	8.24
Bale	100	77.22	20.9	0.05	0.49	0.84	0.49
Borena	100	78.85	12.93	0.5	2.16	0.81	4.75
South West Shewa	100	60.18	32.47	0.21	3.38	0.75	3.01
Guji	100	76.15	17.06	0.08	0.78	0.21	5.72
West Arsi	100	64.63	31.34	0.05	0.9	1.56	1.53
Kelem Wellega	100	82.95	13.44	-	0.48	0.22	2.91
Horoguduru Wellega	100	78.19	17.98	0.02	1.88	0.08	1.84

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	84.86	13.17	0.08	1.27	0.33	0.29
Shinele	100	88.71	9.83	-	0.07	0.25	1.14
Jijiga	100	80.39	18.43	-	0.77	0.14	0.26
Liben	100	90.54	6.32	0.2	2.11	0.6	0.23
Benshangul-Gumuz	100	83.96	9.41	0.22	3.48	0.75	2.18
Metekel	100	82.55	11.22	0.11	4.45	0.21	1.46
Asosa	100	83	8.17	0.45	2.95	1.68	3.74
Kemeshi	100	93.85	4.08	0.05	0.3	0.36	1.36
Mao Komo	100	89.86	5.26	0.4	1.05	1.69	1.73
SNNP	100	66.75	24.3	0.46	3.18	1.1	4.22
Gurage	100	55.05	31.83	0.38	7.74	2.21	2.79
Hadiya	100	56.88	28.66	0.45	4.77	1.11	8.14
Kembata Tembaro	100	48.43	30.71	3.91	2.98	2.75	11.23
Sidama	100	66.58	25.6	0.45	1.28	1.31	4.79
Gedio	100	75.5	22.87	-	0.43	0.78	0.42
Wolayita	100	64.23	22.25	0.41	6.06	2.32	4.73
South Omo	100	77.34	17.34	0.21	3.32	0.16	1.63
Shaka	100	96.3	1.98	-	-	0.03	1.69
Kaffa	100	94.1	4.03	0.04	0.2	0.05	1.59
Gamo Gofa	100	63.7	27.91	0.18	3.85	0.04	4.31
Bench Maji	100	89.57	6.71	0.03	-	0.04	3.65
Yem Sp. Wereda	100	71.52	21.93	0.19	4.48	0.04	1.85
Dawro	100	76.86	15.77	0.29	3.16	0.07	3.85
Basketo Sp. Wereda	100	68.76	27.07	0.08	1.33	0.09	2.68
Konta Sp. Wereda	100	79.98	14.75	0.01	1.05	0.25	3.96
Silte	100	47.59	41.61	0.64	5.33	2.29	2.54
Alaba Sp. Wereda	100	51.07	40.69	0.62	4.96	1.22	1.43
Segen People	100	68.64	27.01	0.02	0.82	0.13	3.38
Gambela Region	100	84.87	3.15	-	-	0.18	11.81
Angnuwak	100	89.47	8.32	-	-	0.2	2.01
Nuware	100	100	-	-	-	-	-
Mezhenger	100	65.35	2.82	-	-	0.35	31.48
Itang Special	100	100	-	-	-	-	-
Harari	100	30.64	51.08	5.99	0.86	9.24	2.19
Hundene	100	30.64	51.08	5.99	0.86	9.24	2.19
Dire Dawa	100	71.03	21.52	0.1	0.95	6.1	0.29

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

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	14,278,578	12,276,747	309,030	4,906,662	1,402,438	4,840,846
Tigray	1,040,962	993,264	39,390	818,358	307,491	293,516
North West Tigray	313,662	302,390	14,545	260,585	146,142	179,585
Central Tigray	247,091	250,907	5,737	206,972	33,208	15,449
Eastern Tigray	152,157	143,141	4,647	116,944	45,010	7,508
Southern Tigray	216,228	204,952	6,331	141,974	46,807	33,141
Western Tigray	111,824	91,874	8,130	91,882	36,325	57,833
Afar	249,391	82,174	1,054	17,951	28,582	25,856
Zone 1	156,333	52,918	816	12,824	15,998	9,499
Zone 3	93,059	29,256	238	5,127	12,585	16,357
Amhara	4,154,175	3,988,398	59,451	2,688,942	312,566	1,706,010
North Gondar	713,102	670,446	15,258	590,221	81,401	37,701
South Gondar	504,694	507,147	14,401	378,614	89,045	47,568
North Wolo	279,815	282,272	8,305	158,486	6,633	42,095
South Wolo	598,355	584,874	12,547	470,325	14,333	139,519
North Shewa	467,083	452,137	1,849	333,579	39,035	289,817
East Gojam	571,189	544,787	2,551	166,745	5,906	441,497
West Gojam	603,232	562,794	713	314,663	63,429	528,967
Waghamera	98,992	98,618	1,149	80,205	1,129	19,167
Awi	223,012	200,215	2,248	134,887	4,083	140,663
Oromia	89,105	79,822	432	57,149	7,561	18,677
Argoba Special	5,597	5,287	-	4,069	11	340
Oromia	5,270,225	4,299,196	79,640	801,266	462,522	1,750,664
West Wellega	244,553	116,904	427	1,987	3,007	51,469
East Wellega	173,242	120,559	571	1,652	449	54,240
Illubabor	267,484	136,711	755	467	6,088	69,851
Jimma	555,399	341,332	400	11,127	11,786	139,319
West Shewa	435,105	369,949	5,392	92,096	28,108	217,035
North Shewa	351,355	326,572	7,806	289,373	45,869	154,172
East Shewa	263,600	252,077	7,288	28,532	105,058	53,169
Arsi	558,640	514,537	5,328	75,817	82,953	126,116
West Harerghe	291,222	313,492	1,015	54,674	29,029	275,370
East Harerghe	403,552	444,132	35,139	88,556	30,817	227,726
Bale	285,252	230,378	1,125	10,190	23,814	8,509
Borena	159,091	95,418	5,475	24,597	9,077	54,063
South West Shewa	300,024	259,587	5,902	63,956	24,548	98,259
Guji	281,300	209,127	985	11,538	4,829	111,199
West Arsi	422,689	383,779	1,857	30,738	53,501	55,480
Kelem Wellega	175,653	106,523	-	5,666	3,165	36,357
Horoguduru Wellega	102,065	78,119	175	10,300	425	18,328

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	144,622	90,416	822	7,894	3,756	4,542
Shinele	7,597	3,876	-	33	177	568
Jijiga	79,617	69,555	-	3,948	516	1,489
Liben	57,408	16,984	822	3,913	3,063	2,485
Benshangul-Gumuz	172,871	94,107	1,572	32,376	7,643	38,328
Metekel	96,824	65,131	582	22,343	531	19,533
Asosa	53,926	21,769	802	9,430	5,616	16,271
Kemeshi	14,803	5,070	24	231	780	1,575
Mao Komo	7,318	2,136	165	373	716	948
SNNP	3,165,339	2,677,477	120,624	537,366	258,956	1,006,177
Gurage	247,512	229,714	5,410	105,895	36,600	57,889
Hadiya	274,404	258,245	10,902	71,883	15,521	131,405
Kembata Tembaro	132,603	125,330	43,053	25,850	37,303	88,944
Sidama	731,780	649,341	25,217	41,677	67,047	226,438
Gedio	121,569	88,719	-	1,749	4,838	5,869
Wolayita	300,117	278,510	16,451	97,370	59,603	159,046
South Omo	203,623	162,026	5,029	35,032	1,927	22,070
Shaka	42,579	8,146	-	-	230	12,706
Kaffa	204,934	69,483	391	2,663	1,671	49,376
Gamo Gofa	357,454	344,887	3,337	58,835	2,250	107,708
Bench Maji	103,754	51,314	143	-	706	34,297
Yem Sp. Wereda	19,823	17,468	188	6,654	35	4,100
Dawro	67,755	58,778	876	16,519	337	37,341
Basketo Sp. Wereda	16,135	15,267	64	1,312	57	3,283
Konta Sp. Wereda	28,702	24,302	40	2,960	1,171	6,323
Silte	161,652	154,496	7,299	50,132	25,213	25,210
Alaba Sp. Wereda	44,755	44,433	2,005	14,342	3,489	7,925
Segen People	106,187	97,019	221	4,492	958	26,246
Gambela Region	33,502	5,512	-	-	377	10,028
Angnuwak	9,241	3,927	-	-	74	1,232
Nuware	12,953	-	-	-	-	-
Mezhenger	10,275	1,585	-	-	304	8,796
Itang Special	1,033	-	-	-	-	-
Harari	20,378	23,819	5,939	1,232	9,457	5,153
Hundene	20,378	23,819	5,939	1,232	9,457	5,153
Dire Dawa	27,113	22,384	537	1,276	11,089	573

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

1. Green Fodder

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	5,912,231	291,080	3,701,981	4,081,657	291,629
Tigray	194,668	3,197	436,428	402,899	3,771
North West Tigray	32,470	665	124,084	156,443	-
Central Tigray	58,051	563	69,358	117,376	1,743
Eastern Tigray	84,441	371	21,423	45,156	766
Southern Tigray	13,152	285	152,826	49,965	-
Western Tigray	6,554	1,313	68,736	33,959	1,262
Afar	7,556	4,087	206,736	12,373	18,638
Zone 1	3,915	483	136,158	7,543	8,234
Zone 3	3,641	3,604	70,578	4,831	10,404
Amhara	1,083,393	76,719	1,466,092	1,471,141	56,829
North Gondar	126,983	9,648	383,262	188,545	4,664
South Gondar	107,412	2,107	221,332	171,292	2,552
North Wolo	132,874	10,631	62,533	66,892	6,885
South Wolo	299,537	22,134	88,681	183,370	4,633
North Shewa	202,817	17,380	89,077	133,837	23,971
East Gojam	51,395	5,077	301,271	208,217	5,230
West Gojam	109,790	5,233	175,837	306,143	6,229
Waghamera	10,541	832	59,961	27,658	-
Awı	8,286	1,159	62,537	148,975	2,055
Oromia	30,794	2,279	21,437	33,985	611
Argoba Special	2,965	239	164	2,228	-
Oromia	2,523,159	166,635	1,017,514	1,406,754	156,163
West Wellega	42,780	1,074	87,726	110,917	2,055
East Wellega	26,116	3,094	61,682	74,161	8,189
Illubabor	132,511	2,704	50,399	72,039	9,830
Jimma	329,817	3,598	79,659	120,674	21,650
West Shewa	197,618	34,667	28,973	137,911	35,935
North Shewa	192,621	45,685	29,316	65,765	17,968
East Shewa	108,403	7,814	79,756	57,399	10,228
Arsi	335,243	36,160	45,428	130,749	11,060
West Harerghe	149,871	1,807	80,143	56,737	2,663
East Harerghe	227,368	1,759	83,411	89,390	1,623
Bale	78,665	2,705	72,217	127,767	3,899
Borena	36,824	177	98,152	22,640	1,297
South West Shewa	209,604	11,350	21,298	41,971	15,801
Guji	146,343	883	56,688	74,281	3,106
West Arsi	263,919	9,073	14,426	127,143	8,129
Kelem Wellega	26,023	175	99,832	49,187	436
Horoguduru Wellega	19,432	3,910	28,408	48,022	2,294

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	2,440	207	86,140	55,756	78
Shinele	66	24	7,172	336	-
Jijiga	1,449	83	34,074	44,011	-
Liben	925	101	44,895	11,409	78
Benshangul-Gumuz	9,430	652	143,669	18,653	466
Metekel	3,888	594	76,621	15,256	466
Asosa	4,157	-	48,227	1,542	-
Kemeshi	826	28	12,263	1,686	-
Mao Komo	560	31	6,558	170	-
SNNP	2,069,030	38,817	302,228	700,175	55,089
Gurage	161,836	5,775	10,422	67,157	2,321
Hadiya	201,319	3,560	24,444	38,751	6,330
Kembata Tembaro	78,126	775	1,502	51,091	1,110
Sidama	535,799	5,723	31,063	156,527	2,668
Gedio	83,032	821	14,221	22,946	549
Wolayita	188,237	6,993	16,319	81,836	6,732
South Omo	72,310	2,672	66,593	60,863	1,185
Shaka	32,874	307	4,287	837	4,274
Kaffa	158,927	3,549	11,463	17,835	13,160
Gamo Gofa	172,377	3,729	65,121	108,727	7,500
Bench Maji	70,724	139	11,035	16,608	5,248
Yem Sp. Wereda	12,862	320	749	5,565	327
Dawro	43,702	873	1,738	18,935	2,508
Basketo Sp. Wereda	10,968	89	2,059	2,803	216
Konta Sp. Wereda	22,554	123	149	5,615	262
Silte	145,576	1,386	2,076	11,915	699
Alaba Sp. Wereda	34,081	226	901	9,547	-
Segen People	43,727	1,756	38,085	22,618	-
Gambela Region	7,898	472	23,175	1,500	456
Angnuwak	2,006	64	6,759	328	84
Nuware	244	162	12,547	-	-
Mezhenger	5,625	247	2,859	1,172	372
Itang Special	23	-	1,010	-	-
Harari	11,969	-	5,195	3,176	37
Hundene	11,969	-	5,195	3,176	37
Dire Dawa	2,686	293	14,802	9,230	101

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	10,757,095	260,983	106,157	957,900	194,612
Tigray	811,979	22,265	4,786	144,579	9,655
North West Tigray	244,784	7,450	986	47,826	1,343
Central Tigray	209,757	1,998	1,600	35,061	2,492
Eastern Tigray	104,530	5,036	186	31,928	1,461
Southern Tigray	178,389	4,614	821	19,246	1,882
Western Tigray	74,519	3,167	1,194	10,517	2,477
Afar	59,119	3,910	3,536	1,350	14,259
Zone 1	41,815	273	1,826	1,057	7,947
Zone 3	17,304	3,637	1,710	293	6,312
Amhara	3,347,055	94,433	14,883	464,433	67,594
North Gondar	580,623	30,276	3,890	44,338	11,319
South Gondar	430,251	7,993	1,586	61,884	5,434
North Wolo	217,165	5,151	1,456	56,432	2,069
South Wolo	459,289	6,515	448	115,940	2,683
North Shewa	369,929	9,971	897	59,211	12,129
East Gojam	464,537	13,893	2,399	52,223	11,736
West Gojam	497,079	10,792	-	39,929	14,995
Waghamera	79,038	1,144	-	18,019	416
Awı	175,469	6,284	3,274	9,079	6,108
Oromia	68,926	2,332	914	6,944	707
Argoba Special	4,750	83	20	434	-
Oromia	3,899,367	71,825	53,116	199,349	75,540
West Wellega	107,149	1,524	2,209	4,172	1,850
East Wellega	109,018	1,326	613	5,680	3,922
Illubabor	124,133	3,693	2,516	5,137	1,233
Jimma	315,218	17,292	902	3,201	4,719
West Shewa	345,018	5,885	2,670	9,209	7,167
North Shewa	272,103	10,143	6,336	28,151	9,838
East Shewa	234,210	7,212	2,364	5,113	3,178
Arsi	469,886	7,328	2,263	30,454	4,606
West Harerghe	301,815	2,273	1,097	3,353	4,954
East Harerghe	425,465	1,789	2,143	13,104	1,631
Bale	193,727	2,672	7,734	23,443	2,802
Borena	68,468	2,799	4,159	1,770	18,222
South West Shewa	241,820	3,853	1,786	8,266	3,862
Guji	197,094	312	5,338	6,108	276
West Arsi	324,679	2,954	8,588	41,464	6,094
Kelem Wellega	100,038	175	1,405	4,782	123
Horoguduru Wellega	69,527	595	991	5,942	1,064

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	82,049	5,464	451	1,850	601
Shinele	3,650	102	-	-	124
Jijiga	66,263	631	451	1,733	477
Liben	12,136	4,732	-	116	-
Benshangul-Gumuz	87,086	738	1,019	4,447	816
Metekel	59,559	520	671	3,565	816
Asosa	21,124	-	331	314	-
Kemeshi	4,433	70	-	568	-
Mao Komo	1,970	149	17	-	-
SNNP	2,421,366	61,951	27,917	141,161	25,082
Gurage	212,700	6,375	4,068	6,115	456
Hadiya	239,201	4,628	2,937	7,411	4,068
Kembata Tembaro	118,544	563	433	5,212	579
Sidama	581,551	20,543	1,579	45,668	-
Gedio	82,175	2,498	1,136	2,554	357
Wolayita	218,327	8,762	3,707	40,188	7,526
South Omo	147,207	3,937	857	8,749	1,277
Shaka	7,543	325	57	139	82
Kaffa	63,035	527	-	4,321	1,599
Gamo Gofa	318,786	6,921	3,521	10,285	5,374
Bench Maji	48,271	-	1,945	614	484
Yem Sp. Wereda	16,657	139	197	329	146
Dawro	53,298	1,503	727	1,566	1,683
Basketo Sp. Wereda	14,713	146	69	267	72
Konta Sp. Wereda	23,385	193	25	529	171
Silte	146,486	2,753	2,407	1,982	868
Alaba Sp. Wereda	41,512	171	86	2,597	67
Segen People	87,977	1,968	4,168	2,633	273
Gambela Region	5,125	202	102	82	-
Angnuwak	3,574	169	102	82	-
Nuware	-	-	-	-	-
Mezhenger	1,551	34	-	-	-
Itang Special	-	-	-	-	-
Harari	23,173	23	169	349	105
Hundene	23,173	23	169	349	105
Dire Dawa	20,776	171	177	301	959

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	236,566	45,913	4,162	13,527	8,862
Tigray	23,034	8,686	687	6,285	697
North West Tigray	3,144	5,987	332	5,082	-
Central Tigray	4,987	-	250	500	-
Eastern Tigray	3,679	-	-	388	581
Southern Tigray	3,817	2,198	-	315	-
Western Tigray	7,407	501	105	-	117
Afar	386	103	100	-	464
Zone 1	386	103	100	-	227
Zone 3	-	-	-	-	238
Amhara	52,944	4,279	-	574	1,653
North Gonder	14,749	508	-	-	-
South Gonder	13,963	-	-	437	-
North Wolo	8,021	284	-	-	-
South Wolo	10,277	1,779	-	-	491
North Shewa	1,050	319	-	-	480
East Gojam	1,678	444	-	-	430
West Gojam	460	-	-	-	252
Waghamera	557	454	-	137	-
Awi	2,092	156	-	-	-
Oromia	96	336	-	-	-
Argoba Special	-	-	-	-	-
Oromia	54,515	15,435	2,921	1,403	5,365
West Wellega	-	427	-	-	-
East Wellega	454	117	-	-	-
Illubabor	755	-	-	-	-
Jimma	-	-	400	-	-
West Shewa	4,202	610	-	290	290
North Shewa	6,172	1,294	-	340	-
East Shewa	429	5,749	220	440	449
Arsi	1,726	3,602	-	-	-
West Harerghe	1,015	-	-	-	-
East Harerghe	32,855	1,952	-	333	-
Bale	956	169	-	-	-
Borena	-	77	2,059	-	3,339
South West Shewa	5,213	446	242	-	-
Guji	648	337	-	-	-
West Arsi	-	569	-	-	1,288
Kelem Wellega	-	-	-	-	-
Horoguduru Wellega	89	85	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	164	658	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	164	658	-	-	-
Benshangul-Gumuz	1,388	168	-	15	-
Metekel	465	117	-	-	-
Asosa	802	-	-	-	-
Kemeshi	24	-	-	-	-
Mao Komo	98	51	-	15	-
SNNP	99,165	16,437	454	3,921	647
Gurage	3,999	1,016	200	195	-
Hadiya	9,452	-	-	1,183	267
Kembata Tembaro	42,006	372	-	521	153
Sidama	16,014	8,109	-	1,093	-
Gedio	-	-	-	-	-
Wolayita	15,742	481	-	-	228
South Omo	1,474	3,555	-	-	-
Shaka	-	-	-	-	-
Kaffa	200	191	-	-	-
Gamo Gofa	1,558	1,592	187	-	-
Bench Maji	143	-	-	-	-
Yem Sp. Wereda	188	-	-	-	-
Dawro	603	137	-	136	-
Basketo Sp. Wereda	32	32	-	-	-
Konta Sp. Wereda	40	-	-	-	-
Silte	6,403	732	-	165	-
Alaba Sp. Wereda	1,090	219	67	628	-
Segen People	221	-	-	-	-
Gambela Region	-	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	4,465	146	-	1,294	34
Hundene	4,465	146	-	1,294	34
Dire Dawa	504	-	-	34	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	3,172,853	785,492	122,611	730,880	94,826
Tigray	633,102	36,216	18,291	123,788	6,960
North West Tigray	211,133	9,147	3,639	36,326	341
Central Tigray	170,989	4,896	2,161	26,822	2,103
Eastern Tigray	80,178	5,471	4,175	26,732	387
Southern Tigray	113,337	3,897	892	22,386	1,463
Western Tigray	57,465	12,805	7,424	11,523	2,666
Afar	11,458	918	4,230	183	1,162
Zone 1	11,165	-	901	183	575
Zone 3	293	918	3,329	-	587
Amhara	1,608,157	499,307	72,607	458,938	49,933
North Gonder	352,551	152,827	4,371	70,396	10,075
South Gonder	237,479	74,405	1,264	60,521	4,945
North Wolo	113,882	13,187	1,211	28,852	1,354
South Wolo	281,730	54,209	2,988	128,173	3,224
North Shewa	210,027	37,671	3,348	67,865	14,668
East Gojam	85,707	35,315	28,977	12,954	3,793
West Gojam	140,453	87,913	24,851	53,193	8,253
Waghamera	67,377	3,089	150	9,449	141
Awı	80,744	30,233	4,626	16,394	2,890
Oromia	35,089	10,201	821	10,448	589
Argoba Special	3,119	258	-	692	-
Oromia	513,739	164,165	13,152	84,360	25,850
West Wellega	965	611	207	-	204
East Wellega	1,376	276	-	-	-
Illubabor	467	-	-	-	-
Jimma	10,746	380	-	-	-
West Shewa	58,569	22,011	290	9,393	1,834
North Shewa	167,254	60,088	7,155	48,223	6,653
East Shewa	16,466	8,084	1,147	2,014	822
Arsi	53,438	18,584	1,640	1,252	904
West Harerghe	33,136	18,121	1,288	1,807	322
East Harerghe	60,010	12,690	-	15,856	-
Bale	8,032	1,640	188	330	-
Borena	5,708	3,764	289	-	14,836
South West Shewa	48,528	11,556	538	3,139	195
Guji	9,741	1,247	-	550	-
West Arsi	25,014	3,959	242	1,523	-
Kelem Wellega	5,338	159	169	-	-
Horoguduru Wellega	8,949	996	-	274	81

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	3,855	483	122	2,226	1,208
Shinele	33	-	-	-	-
Jijiga	1,444	279	-	2,226	-
Liben	2,378	205	122	-	1,208
Benshangul-Gumuz	23,633	5,627	1,392	1,464	261
Metekel	14,829	5,573	749	931	261
Asosa	8,469	-	597	363	-
Kemeshi	231	-	-	-	-
Mao Komo	103	53	46	171	-
SNNP	376,792	78,479	12,818	59,888	9,390
Gurage	74,594	16,911	4,450	9,501	440
Hadiya	52,508	7,959	1,049	9,858	509
Kembata Tembaro	20,890	3,371	-	1,589	-
Sidama	30,344	10,896	-	438	-
Gedio	862	457	-	430	-
Wolayita	70,549	13,261	755	5,696	7,109
South Omo	18,144	5,535	942	10,412	-
Shaka	-	-	-	-	-
Kaffa	2,264	-	-	400	-
Gamo Gofa	33,887	7,266	3,444	13,682	557
Bench Maji	-	-	-	-	-
Yem Sp. Wereda	5,828	186	-	577	63
Dawro	11,501	3,772	174	530	542
Basketo Sp. Wereda	1,161	120	31	-	-
Konta Sp. Wereda	2,607	49	-	304	-
Silte	37,716	6,702	1,919	3,625	171
Alaba Sp. Wereda	11,216	1,503	-	1,624	-
Segen People	2,722	493	53	1,223	-
Gambela Region	-	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	1,084	148	-	-	-
Hundene	1,084	148	-	-	-
Dire Dawa	1,033	148	-	34	62

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	572,322	731,208	3,903	63,837	31,168
Tigray	226,264	53,175	1,043	25,068	1,940
North West Tigray	123,925	6,027	323	15,867	-
Central Tigray	28,313	4,082	-	250	563
Eastern Tigray	14,483	25,761	611	3,962	194
Southern Tigray	34,213	10,037	-	2,049	508
Western Tigray	25,331	7,268	109	2,940	675
Afar	4,443	23,327	238	575	-
Zone 1	4,028	11,394	-	575	-
Zone 3	414	11,933	238	-	-
Amhara	171,978	120,793	449	1,570	17,775
North Gondar	62,206	18,224	-	463	508
South Gondar	82,431	3,880	449	463	1,822
North Wolo	1,891	4,455	-	-	287
South Wolo	2,297	12,036	-	-	-
North Shewa	5,515	18,990	-	307	14,223
East Gojam	2,992	2,914	-	-	-
West Gojam	10,852	51,643	-	-	934
Waghamera	833	154	-	142	-
Awi	2,731	1,352	-	-	-
Oromia	220	7,146	-	195	-
Argoba Special	11	-	-	-	-
Oromia	120,078	303,562	1,309	28,796	8,777
West Wellega	2,271	736	-	-	-
East Wellega	449	-	-	-	-
Illubabor	4,433	1,453	-	202	-
Jimma	9,458	1,834	-	494	-
West Shewa	17,177	9,870	-	1,061	-
North Shewa	15,067	27,905	505	2,030	363
East Shewa	13,275	86,352	-	3,333	2,098
Arsi	9,486	65,949	-	7,518	-
West Harerghe	3,033	20,029	495	4,869	603
East Harerghe	1,041	29,776	-	-	-
Bale	10,470	11,037	-	2,307	-
Borena	1,820	1,245	-	300	5,712
South West Shewa	12,071	11,464	242	771	-
Guji	3,447	985	-	397	-
West Arsi	13,253	34,733	-	5,515	-
Kelem Wellega	2,971	194	-	-	-
Horoguduru Wellega	358	-	67	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	856	2,746	-	124	30
Shinele	7	170	-	-	-
Jijiga	120	272	-	124	-
Liben	729	2,305	-	-	30
Benshangul-Gumuz	7,151	331	161	-	-
Metekel	424	108	-	-	-
Asosa	5,344	136	136	-	-
Kemeshi	780	-	-	-	-
Mao Komo	604	87	25	-	-
SNNP	40,900	207,253	665	7,669	2,470
Gurage	13,721	22,257	422	-	200
Hadiya	3,836	11,144	242	-	299
Kembata Tembaro	7,366	28,856	-	802	278
Sidama	605	65,231	-	1,210	-
Gedio	636	3,986	-	215	-
Wolayita	5,503	52,364	-	753	983
South Omo	1,121	-	-	807	-
Shaka	230	-	-	-	-
Kaffa	1,671	-	-	-	-
Gamo Gofa	763	1,488	-	-	-
Bench Maji	606	101	-	-	-
Yem Sp. Wereda	35	-	-	-	-
Dawro	-	337	-	-	-
Basketo Sp. Wereda	-	57	-	-	-
Konta Sp. Wereda	258	913	-	-	-
Silte	1,660	19,015	-	3,827	710
Alaba Sp. Wereda	1,985	1,504	-	-	-
Segen People	904	-	-	53	-
Gambela Region	238	105	-	35	-
Angnuwak	74	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	164	105	-	35	-
Itang Special	-	-	-	-	-
Harari	220	9,199	38	-	-
Hundene	220	9,199	38	-	-
Dire Dawa	195	10,717	-	-	176

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

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Ethiopia	56,571	46,979	87,284	10,869	12,874
Tigray	11,416	8,263	41,204	3,435	1,648
North West Tigray	712	1,408	5,403	333	-
Central Tigray	3,089	521	15,001	1,271	804
Eastern Tigray	3,221	1,359	9,993	842	425
Southern Tigray	4,394	4,974	5,050	781	210
Western Tigray	-	-	5,757	208	209
Afar	549	-	-	-	-
Zone 1	549	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	4,652	25,767	16,232	4,870	4,235
North Gondar	672	1,180	-	672	621
South Gondar	-	-	1,980	-	-
North Wolo	540	247	287	-	-
South Wolo	-	415	6,190	854	1,872
North Shewa	-	278	1,856	-	-
East Gojam	430	5,291	1,003	1,288	-
West Gojam	1,736	14,444	4,122	544	-
Waghamera	-	156	307	949	-
Awi	1,274	3,541	131	563	1,369
Oromia	-	214	357	-	374
Argoba Special	-	-	-	-	-
Oromia	33,411	9,675	17,913	1,186	5,578
West Wellega	-	1,351	2,127	-	-
East Wellega	117	-	285	-	-
Illubabor	208	187	2,540	475	-
Jimma	187	-	1,466	-	-
West Shewa	2,961	2,256	1,271	-	-
North Shewa	3,055	628	520	-	429
East Shewa	443	-	595	-	-
Arsi	17,877	1,342	2,665	326	338
West Harerghe	520	1,206	742	245	-
East Harerghe	519	345	335	-	-
Bale	-	192	180	-	-
Borena	-	1,405	141	141	281
South West Shewa	4,027	587	2,004	-	3,044
Guji	-	-	275	-	237
West Arsi	2,783	-	567	-	1,250
Kelem Wellega	376	-	2,105	-	-
Horoguduru Wellega	338	177	93	-	-

TABLE 3 – 30 CONT'D

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	-	427	928	177	-
Metekel	-	254	108	102	-
Asosa	-	173	677	76	-
Kemeshi	-	-	128	-	-
Mao Komo	-	-	16	-	-
SNNP	6,511	2,835	10,925	1,201	1,412
Gurage	2,110	493	5,808	379	1,159
Hadiya	2,368	574	544	-	-
Kembata Tembaro	142	129	-	-	-
Sidama	655	627	-	-	-
Gedio	-	-	-	212	-
Wolayita	-	-	737	254	-
South Omo	-	-	759	-	-
Shaka	-	-	73	108	-
Kaffa	440	-	282	210	-
Gamo Gofa	268	426	1,091	-	-
Bench Maji	-	-	514	-	-
Yem Sp. Wereda	117	159	220	38	253
Dawro	-	-	153	-	-
Basketo Sp. Wereda	63	-	-	-	-
Konta Sp. Wereda	-	61	-	-	-
Silte	348	183	743	-	-
Alaba Sp. Wereda	-	67	-	-	-
Segen People	-	116	-	-	-
Gambela Region	32	12	43	-	-
Angnuwak	32	-	-	-	-
Nuware	-	12	23	-	-
Mezhenger	-	-	21	-	-
Itang Special	-	-	-	-	-
Harari	-	-	-	-	-
Hundene	-	-	-	-	-
Dire Dawa	-	-	38	-	-

**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	56,706,389	836,010	1.47	29,332,382	818,331	2.79	29,112,963	1,329,523	4.57
Tigray	4,578,181	233,287	5.1	1,817,305	155,605	8.56	4,255,290	295,092	6.93
Afar	1,580,313	190,156	12.03	1,665,727	204,887	12.3	3,149,351	402,285	12.77
Amhara	14,710,911	375,109	2.55	10,024,277	536,490	5.35	6,064,944	393,748	6.49
Oromia	22,925,730	484,327	2.11	9,715,587	405,576	4.17	7,849,924	369,498	4.71
Somali	645,166	65,961	10.22	1,296,412	173,579	13.39	1,903,891	223,874	11.76
Benshangul-Gumuz	659,587	52,305	7.93	104,547	16,215	15.51	440,719	48,011	10.89
SNNP	11,215,636	474,789	4.23	4,580,220	347,264	7.58	5,092,628	1,083,439	21.27
Gambella	278,584	22,194	7.97	35,476	6,210	17.5	88,610	9,765	11.02
Harari	62,401	5,884	9.43	6,287	1,086	17.28	57,624	4,665	8.1
Dire Dawa	49,880	3,573	7.16	86,545	11,670	13.48	209,982	27,778	13.23

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,033,115	111,389	5.48	400,329	23,094	5.77	7,428,037	127,204	1.71	1164106	137901	11.85
Tigray	3,541	1,086	30.67	5,754	1,320	22.94	753,450	36,980	4.91	55921	13478	24.1
Afar	-	-	-	377	260	68.86	124,787	19,769	15.84	434291	102267	23.55
Amhara	420,760	52,343	12.44	157,213	15,888	10.11	2,677,429	72,059	2.69	66364	12390	18.67
Oromia	1,222,760	91,476	7.48	156,331	12,409	7.94	3,007,027	87,529	2.91	239357	45090	18.84
Somali	-	-	-	221	157	70.93	136,159	12,148	8.92	353124	78606	22.26
Benshangul-Gumuz	1,672	1,017	60.84	1,936	605	31.25	67,702	7,223	10.67	1151	1143	99.3
SNNP	382,927	36,012	9.4	78,334	11,167	14.26	630,492	36,881	5.85	2865	1875	65.45
Gambella	683	257	37.71	25	25	96.55	846	507	59.87	-	-	-
Harari	773	744	96.2	-	-	-	11,445	1,659	14.5	4363	2053	47.05
Dire Dawa	-	-	-	137	104	75.47	18,699	2,382	12.74	6670	1295	19.42

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	2,526,365	54,330	2.15	2,262,429	48,369	2.14	213,585	86,988	2.06	15,646,158	209,076	1.34	614,453	31,988	5.21
Tigray.....	222,571	20,328	9.13	149,243	11,985	8.03	347,588	18,919	5.44	1,394,104	45,135	3.24	98,366	11,305	11.49
Afar	72,300	9,346	12.93	59,487	7,318	12.3	74,548	13,279	17.81	109,005	18,703	17.16	4,776	2,623	54.92
Amhara.....	574,726	26,959	4.69	438,106	22,609	5.16	133,867	47,654	4.2	5,124,564	109,391	2.13	279,703	20,659	7.39
Oromia	1,023,834	32,304	3.16	980,257	32,704	3.34	768,784	44,860	2.54	6,418,428	131,062	2.04	189,148	19,141	10.12
Somali	59,930	7,381	12.32	28,373	3,129	11.03	39,602	4,656	11.76	75,072	9,526	12.69	318	209	65.81
Benshangul-Gumuz	29,310	3,595	12.26	30,641	3,082	10.06	56,604	6,470	11.43	182,802	14,880	8.14	6,286	1,866	29.69
SNNP	522,772	24,723	4.73	555,414	23,212	4.18	765,450	51,787	6.77	2,291,713	108,806	4.75	35,569	9,582	26.94
Gambella	13,557	1,332	9.82	15,361	1,714	11.16	14,843	1,666	11.22	35,642	5,400	15.15	287	176	61.42
Harari	3,842	516	13.44	3,539	690	19.5	7,182	947	13.19	7,708	1,356	17.59	-	-	-
Dire Dawa	3,522	481	13.65	2,008	298	14.82	5,118	498	9.73	7,119	710	9.98	-	-	-

Annex Table 2- Cont'd
Female Cattle

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,747,552	61,051	2.22	2,497,709	57,946	2.32	265,112	120,607	2.29	20,371,628	340,929	1.67	561,399	28,816	5.13
Tigray.....	248,041	23,186	9.35	165,741	15,231	9.19	393,597	30,784	7.82	1,492,171	80,638	5.4	66,759	7,686	11.51
Afar	128,378	19,405	15.12	120,302	19,526	16.23	187,042	30,359	16.23	805,549	100,746	12.51	18,928	4,904	25.91
Amhara.....	595,708	26,772	4.49	473,248	26,791	5.66	205,422	51,546	4.28	4,684,774	132,579	2.83	200,792	17,825	8.88
Oromia	1,093,363	36,020	3.29	1,038,852	35,803	3.45	129,640	63,589	2.99	8,081,170	200,809	2.48	202,254	17,724	8.76
Somali	57,111	8,012	14.03	36,784	6,079	16.53	58,267	7,707	13.23	286,797	30,500	10.63	2,913	1,594	54.72
Benshangul-Gumuz	28,073	2,744	9.78	30,551	3,892	12.74	58,216	5,946	10.21	230,531	18,829	8.17	6,574	1,593	24.23
SNNP	573,294	26,906	4.69	607,291	26,267	4.33	188,018	76,637	6.45	4,615,173	200,632	4.35	60,941	10,486	17.21
Gambella	16,957	1,705	10.06	19,946	1,571	7.88	29,224	2,652	9.07	131,704	11,506	8.74	1,062	426	40.08
Harari	3,615	465	12.87	3,040	401	13.18	8,411	694	8.26	24,463	2,495	10.2	600	311	51.76
Dire Dawa	3,012	463	15.37	1,954	374	19.15	7,275	785	10.79	19,296	1,612	8.35	575	205	35.7

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	3,799,105	102,721	2.7	1,325,710	50,029	3.77	1,131,699	64,656	5.71	1,730,596	95,872	5.54
Tigray.....	199,938	16,289	8.15	92,104	10,290	11.17	70,736	9,515	13.45	110,035	14,634	13.3
Afar	137,589	20,529	14.92	60,391	9,300	15.4	71,976	11,732	16.3	103,187	16,798	16.28
Amhara	1,425,044	74,443	5.22	384,621	31,162	8.1	350,941	35,986	10.25	528,590	50,306	9.52
Oromia	1,410,903	58,175	4.12	479,960	28,049	5.84	310,439	24,014	7.74	450,492	43,384	9.63
Somali	107,631	12,973	12.05	69,941	13,883	19.85	98,987	25,123	25.38	142,744	21,433	15.02
Benshangul-Gumuz.....	18,832	3,425	18.18	5,644	1,167	20.68	4,391	931	21.2	7,292	1,763	24.18
SNNP	482,892	27,492	5.69	225,682	18,918	8.38	217,777	38,049	17.47	383,404	61,798	16.12
Gambella.....	4,021	849	21.12	1,940	413	21.27	2,770	650	23.47	2,253	656	29.1
Harari	852	216	25.33	441	138	31.17	509	151	29.57	231	103	44.78
Dire Dawa.....	11,404	1,408	12.35	4,986	752	15.09	3,173	590	18.6	2,368	627	26.47

Annex Table 3-Cont'd

Female Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	4,048,196	120,004	2.96	1,760,917	64,177	3.64	2,016,491	87,329	4.33	13,519,667	371,395	2.75
Tigray.....	221,745	19,708	8.89	126,064	13,435	10.66	144,706	20,494	14.16	851,977	75,349	8.84
Afar	203,062	31,552	15.54	116,211	18,354	15.79	196,016	30,262	15.44	777,296	93,602	12.04
Amhara	1,470,702	85,007	5.78	525,259	38,345	7.3	592,795	47,659	8.04	4,746,325	257,601	5.43
Oromia	1,472,416	67,351	4.57	593,990	33,256	5.6	577,059	33,718	5.84	4,420,327	183,318	4.15
Somali	122,154	16,908	13.84	88,192	18,471	20.94	118,493	23,945	20.21	548,270	67,623	12.33
Benshangul-Gumuz.....	14,386	2,846	19.78	5,879	1,374	23.36	4,715	1,112	23.58	43,407	6,719	15.48
SNNP	527,987	30,937	5.86	295,521	26,069	8.82	367,349	47,970	13.06	2,079,608	137,427	6.61
Gambella.....	5,054	1,109	21.95	2,847	729	25.6	3,706	782	21.09	12,885	2,339	18.16
Harari	414	173	41.71	480	127	26.51	438	154	35.06	2,922	585	20.03
Dire Dawa.....	10,277	1,497	14.56	6,472	1,351	20.87	11,214	2,435	21.71	36,650	4,639	12.66

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	3,275,989	108,325	3.31	1,465,650	72,241	4.93	1,383,403	123,361	8.92	2,294,890	199,464	8.69
Tigray.....	500,560	35,136	7.02	213,827	19,483	9.11	184,121	22,232	12.07	253,545	21,390	8.44
Afar	227,733	32,981	14.48	104,016	15,671	15.07	114,207	21,251	18.61	204,793	32,353	15.8
Amhara	795,189	53,361	6.71	347,407	30,177	8.69	306,620	33,070	10.79	532,785	43,462	8.16
Oromia	1,067,080	49,698	4.66	403,704	22,470	5.57	310,789	20,273	6.52	437,300	30,862	7.06
Somali	152,425	18,046	11.84	91,866	15,251	16.6	127,752	29,670	23.22	211,076	29,925	14.18
Benshangul-Gumuz.....	60,640	6,925	11.42	24,919	3,258	13.07	18,238	2,739	15.02	21,557	3,753	17.41
SNNP	432,970	60,932	14.07	257,744	54,133	21	306,183	108,985	35.59	616,603	185,815	30.14
Gambella.....	10,374	1,500	14.46	5,698	1,040	18.25	3,260	707	21.7	4,550	758	16.66
Harari	7,035	740	10.52	3,577	411	11.48	4,481	649	14.47	3,196	590	18.46
Dire Dawa.....	21,983	2,364	10.75	12,892	1,787	13.86	7,752	1,020	13.16	9,485	1,542	16.26

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	3,794,032	148,566	3.92	2,108,672	116,107	5.51	2,504,412	219,138	8.75	12,285,914	476,842	3.88
Tigray.....	545,652	46,006	8.43	336,809	31,505	9.35	439,039	45,443	10.35	1,781,738	111,246	6.24
Afar	347,544	47,317	13.61	277,530	46,142	16.63	367,819	61,980	16.85	1,505,709	188,372	12.51
Amhara	905,502	63,280	6.99	403,757	39,402	9.76	377,223	39,957	10.59	2,396,460	144,679	6.04
Oromia	1,163,664	56,287	4.84	551,964	40,410	7.32	535,301	35,363	6.61	3,380,121	165,595	4.9
Somali	192,551	20,568	10.68	135,172	20,676	15.3	167,092	31,055	18.59	825,958	94,589	11.45
Benshangul-Gumuz.....	65,444	6,950	10.62	29,372	3,530	12.02	31,630	3,997	12.64	188,920	24,168	12.79
SNNP	529,943	100,296	18.93	346,165	81,987	23.68	547,292	195,575	35.74	2,055,728	348,560	16.96
Gambella.....	12,079	1,462	12.1	7,487	1,045	13.95	7,822	1,050	13.43	37,339	4,188	11.22
Harari	6,097	701	11.5	3,386	390	11.51	4,564	561	12.29	25,289	2,035	8.05
Dire Dawa.....	25,557	3,277	12.82	17,030	3,265	19.17	26,632	6,035	22.66	88,651	10,887	12.28

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	191,629	14,286	7.46	809,155	47,861	5.91	193,497	14,126	7.3	838,834	52,200	6.22
Tigray.....	119	118	99.45	2,031	700	34.49	322	233	72.49	1,070	439	41.05
Afar	-	-	-	-	-	-	-	-	-	-	-	-
Amhara	33,278	5,661	17.01	130,806	19,083	14.59	35,807	5,831	16.28	220,869	32,092	14.53
Oromia	132,685	12,583	9.48	502,247	40,521	8.07	121,860	11,753	9.64	465,968	37,245	7.99
Somali	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz.....	383	304	79.36	281	210	74.51	78	78	99.46	929	499	53.74
SNNP	24,971	3,687	14.76	172,528	16,841	9.76	35,430	5,229	14.76	149,998	17,530	11.69
Gambella.....	-	-	-	683	257	37.71	-	-	-	-	-	-
Harari	193	186	96.2	580	558	96.2	-	-	-	-	-	-
Dire Dawa.....	-	-	-	-	-	-	-	-	-	-	-	-

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	878,673	25,083	2.85	2,534,740	68,660	2.71	866,126	25,435	2.94	3,148,498	70,091	2.23
Tigray.....	88,693	7,037	7.93	298,452	18,835	6.31	77,453	6,679	8.62	288,852	18,129	6.28
Afar	17,199	3,467	20.16	37,292	7,654	20.52	15,067	3,063	20.33	55,228	10,546	19.1
Amhara	365,698	16,994	4.65	759,906	43,479	5.72	357,548	18,156	5.08	1,194,277	42,909	3.55
Oromia.....	337,185	15,657	4.64	1,054,837	44,818	4.25	347,488	15,275	4.4	1,267,517	46,103	3.64
Somali	13,027	2,078	15.95	56,627	4,532	8	11,641	1,816	15.6	54,864	6,472	11.8
Benshangul-Gumuz.....	6,032	1,059	17.56	40,987	4,947	12.07	6,430	1,652	25.7	14,253	2,117	14.86
SNNP	47,445	5,287	11.14	275,001	18,821	6.84	47,287	4,868	10.29	260,760	21,389	8.2
Gambella.....	37	40	108.05	810	502	62.05	-	-	-	-	-	-
Harari	688	189	27.48	6,217	1,337	21.51	851	257	30.24	3,689	826	22.4
Dire Dawa	2,668	498	18.65	4,613	647	14.03	2,361	458	19.4	9,057	1,307	14.43

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	29,670	4,310	14.53	161,286	10,968	6.8	26,556	4,335	16.32	182,817	13,909	7.61
Tigray.....	189	189	99.95	2,644	819	30.95	380	268	70.58	2,540	735	28.94
Afar	-	-	-	377	260	68.86	-	-	-	-	-	-
Amhara	17,954	3,771	21.01	55,885	7,855	14.06	16,743	3,701	22.11	66,631	8,517	12.78
Oromia.....	7,515	1,647	21.92	63,408	6,148	9.7	6,339	1,879	29.64	79,070	8,015	10.14
Somali	-	-	-	103	103	99.89	-	-	-	118	118	100.21
Benshangul-Gumuz.....	-	-	-	1,384	493	35.64	-	-	-	553	301	54.37
SNNP	4,012	1,265	31.54	37,348	4,449	11.91	3,095	1,222	39.48	33,879	7,486	22.11
Gambella.....	-	-	-	-	-	-	-	-	-	25	25	96.55
Harari.....	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	-	-	-	137	104	75.47	-	-	-	-	-	-

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	140,422	17,206	12.25	274,008	26,755	9.76	171,289	24,383	14.23	578,386	85,954	14.86
Tigray.....	10,080	6,996	69.41	44,111	10,345	23.45	810	557	68.8	920	564	61.3
Afar	44,549	10,658	23.92	57,555	10,346	17.98	67,454	17,190	25.48	264,733	70,264	26.5
Amhara	4,591	1,707	37.19	61,318	12,070	19.69	-	-	-	455	278	61.13
Oromia	42,291	8,549	20.21	33,663	7,380	21.92	46,658	11,657	24.98	116,746	23,763	20.3
Somali	36,612	7,564	20.66	73,189	17,321	23.67	53,296	12,728	23.88	190,026	43,404	22.8
Benshangul-Gumuz.....	128	127	99.3	1,023	1,016	99.3	-	-	-	-	-	-
SNNP	273	176	64.46	750	476	63.51	711	710	99.89	1,131	813	71.9
Gambella.....												
Harari.....	841	364	43.3	258	144	55.91	1,030	528	51.31	2,234	1,067	47.7
Dire Dawa.....	1,056	317	30.01	2,142	580	27.08	1,331	265	19.92	2,141	458	21.3

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	56,866,719	859,530	1.51	5,807,609	92,754	1.63	214,333	99,899	3.11	5,914,054	137,324	2.32	679,687	75,605	4.51	1,429,389	478,120	2.23	8,821,646	233,378	1.24
Tigray	6,189,848	272,391	4.4	532,629	27,558	5.17	472,761	39,007	8.25	811,316	47,256	5.82	287,665	37,023	12.87	2,251,786	126,407	5.61	1,833,692	73,849	4.03
Afar	132,215	37,705	28.52	15,170	3,845	25.35	7,917	3,794	47.93	13,039	4,861	37.28	13,046	4,847	37.16	46,131	15,016	32.55	36,912	9,499	25.73
Amhara	18,031,121	569,945	3.16	1,621,646	47,924	2.96	981,692	64,633	6.58	1,867,420	88,928	4.76	401,764	40,337	10.04	7,612,551	361,098	4.74	5,546,048	126,969	2.29
Oromia	20,076,129	460,040	2.29	2,307,520	58,673	2.54	1,011,007	44,772	4.43	1,957,266	70,640	3.61	613,712	43,668	7.12	6,755,045	227,928	3.37	7,431,480	150,019	2.02
Somali	162,884	33,829	20.77	26,341	4,776	18.13	5,706	1,368	23.97	14,385	3,011	20.93	6,833	2,261	33.08	50,946	14,918	29.28	58,673	12,059	20.55
Benshangul-Gumuz	1,375,326	73,362	5.33	114,476	6,688	5.84	92,948	9,212	9.91	157,574	11,568	7.34	42,022	9,350	22.25	664,896	43,048	6.47	303,410	16,016	5.28
SNNP	10,433,773	345,813	3.31	1,131,045	44,866	3.97	607,082	46,547	7.67	1,037,175	59,499	5.74	305,005	26,340	8.64	3,888,194	166,859	4.29	3,465,272	99,215	2.86
Gambella	307,387	21,991	7.15	38,651	2,686	6.95	26,763	2,773	10.36	39,903	4,222	10.58	5,025	990	19.71	120,173	10,703	8.91	76,872	5,243	6.82
Harari	71,419	6,148	8.61	10,156	895	8.82	5,100	760	14.9	7,631	966	12.66	2,611	658	25.22	19,352	3,221	16.64	26,569	2,453	9.23
Dire Dawa	86,617	8,096	9.35	9,874	1,149	11.64	3,357	597	17.77	8,348	1,059	12.69	2,005	533	26.59	20,315	2,956	14.55	42,718	3,934	9.21

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	5,885,263	257,734	4.38	5,663,492	256,001	4.52	71,900	11,681	16.25	149,871	20,514	13.69
Tigray	250,598	20,083	8.01	188,318	18,954	10.06	4,270	2,035	47.65	58,010	9,764	16.83
Afar	2,360	1,312	55.59	2,360	1,312	55.59	-	-	-	-	-	-
Amhara	1,361,329	104,151	7.65	1,296,931	102,149	7.88	18,366	5,104	27.79	46,032	8,429	18.31
Oromia	2,864,320	199,455	6.96	2,809,143	199,417	7.1	37,572	10,018	26.66	17,605	6,005	34.11
Somali	1,351	619	45.85	1,351	619	45.85	-	-	-	-	-	-
Benshangul-Gumuz	218,616	46,911	21.46	215,130	46,835	21.77	767	601	78.27	2,719	1,871	68.8
SNNP	1,127,618	112,778	10	1,091,546	110,942	10.16	10,704	2,349	21.94	25,368	14,658	57.78
Gambella	55,502	21,718	39.13	55,224	21,719	39.33	141	100	71.13	138	143	104
Harari	1,291	286	22.12	1,291	286	22.12	-	-	-	-	-	-
Dire Dawa	2,278	608	26.69	2,198	608	27.66	80	75	93.91	-	-	-

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 2014/15(2007 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	930	921
	Central Tigray	39	39	1170	1,170
	Eastern Tigray	29	29	870	868
	Southern Tigray	38	38	1140	1,131
	Western Tigray	35	35	1050	1,046
	Region Total	172	172	4,860	5,136
Afar	Zone One	29	28	870	829
	Zone Three	21	17	630	498
	Region Total	50	45	1,500	1,327
Amhara	North Gonder	49	49	1470	1,467
	South Gonder	45	45	1350	1,349
	North Wello	46	46	1380	1,374
	South Wello	49	49	1470	1,469
	North Shewa	47	46	1410	1,379
	East Gojam	47	47	1410	1,405
	West Gojam	46	46	1380	1,380
	Wag Hemira	29	29	870	867
	Awi	32	32	960	957
	Oromia	28	28	840	840
	Argoba Special Woreda	20	20	600	600
	Region Total	438	437	13,140	13,087
Oromia	West Wellega	43	43	1290	1,288
	East Wellega	41	40	1230	1,199
	Illubabor	48	48	1440	1,430
	Jimma	47	47	1410	1,410
	West Shewa	44	44	1320	1,314
	North Shewa	39	39	1170	1,166
	East Shewa	40	40	1200	1,195
	Arsi	53	53	1590	1,587
	West Harerghe	41	41	1230	1,230
	East Harerghe	48	48	1440	1,439
	Bale	47	44	1410	1,317
	Borena	38	37	1140	1,101
	South West Shewa	38	38	1140	1,137
	Guji	38	38	1140	1,138
	West Arsi	39	39	1170	1,170
	Kelem Wellega	36	36	1080	1,079
	Horoguduru Wellega	37	36	1110	1,080
	Region Total	716	711	21,480	21,280

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	585
	Jijiga	28	28	840	836
	Liben	25	23	750	660
	Region Total	73	71	2190	2,081
Benishangul-Gumuz	Metekel	31	30	930	897
	Asosa	26	26	780	778
	Kemeshi	23	20	690	599
	Maokomo	20	20	600	600
	Region Total	100	96	3,000	2,874
SNNP	Guraghe	41	39	1230	1,165
	Hadiya	33	33	990	988
	Kembata_Tambaro	33	33	990	987
	Sidama	45	45	1350	1,345
	Gedeo	34	33	1020	989
	Wolayita	39	39	1170	1,166
	South Omo	36	35	1080	1,045
	Shaka	24	24	720	704
	Keffa	37	37	1110	1,106
	Gamo_Gofa	42	42	1260	1,257
	Benchi_Maji	36	36	1080	1,076
	Yem Special Wereda	20	20	600	597
	Dawro	32	32	960	959
	Basketo Special Wereda	20	20	600	597
	Konta Special Wereda	20	20	600	600
	Siltie	30	30	900	898
	Alaba Special Wereda	20	20	600	599
	Segen People	40	40	1,200	1,198
	Region Total	582	578	17,460	17,276
Gambella	Agnuak	21	21	630	629
	Nuer	19	18	570	539
	Mezhenger	20	20	600	589
	Etang Special Woreda	20	10	600	299
	Region Total	80	69	2,400	2,056
Harari	Harari	24	24	720	719
Dire Dawa	Dire Dawa	24	24	720	720
Country Total		2,250	2,227	67,500	66,556

APPENDIX II

Estimation Procedures of Totals, Ratios, and Sampling Errors

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

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

1. For Estimating Total livestock and products:

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

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

Where:

h represents the stratum

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

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

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

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

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

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

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

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

2. For Estimating Ratios in stratum h :

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

for characteristic z and x , respectively.

3. Sampling Variance of Estimates:

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

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

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

Where,

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

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

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

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

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

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

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

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

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

4. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

None

Total
47
50
53
56
59
62
65
68
71
74
77
80
83

Male
48
51
54
57
60
63
66
69
72
75
78
81
84

Female
49
52
55
58
61
64
67
70
73
76
79
82
85

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

3. Goats of all ages
 - a. Goats less than 6 months _____
 - b. Goats 6 months and less than 1 year _____
 - c. Goats 1 year and less than 2 years _____
 - d. Goats 2 years and older _____
1. Goats for meat _____
2. Dairy Goats _____
3. Goats for breeding _____
4. Goats for other purposes _____
- e. Grand Total _____
1. Local breed _____
2. Exotic _____
3. Hybrid _____

None

Total
86
89
92
95
98
101
104
106
109
112
115
118
121

Male
87
90
93
96
99
102
107
110
113
116
119
122

Female
88
91
94
97
100
103
105
108
111
114
117
120
123

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

Horses

4. Horses of all ages _____

a. Horses less than 3 years _____

b. Horses 3 years and older _____

1. Horses used primary for draft purposes _____

2. Horses for transportation _____

3. Horses for other purposes _____

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

Mules

5. Mules of all ages _____

a. Mules less than 3 years _____

b. Mules 3 years and older _____

1. Mules used primary for draft purposes _____

2. Mules for transportation _____

3. Mules for other purposes _____

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

Donkeys

6. Donkeys of all ages _____

a. Donkeys less than 3 years _____

b. Donkeys 3 years and older _____

1. Donkeys used for draft purposes _____

2. Donkeys for transportation _____

3. Donkeys for other purposes _____

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

Camels

7. Camels of all ages _____

a. Camels less than 4 years _____

b. Camels 4 years and older _____

1. Camels for slaughter _____

2. Camels for draft purposes _____

3. Camels for milk _____

4. Camels for transportation _____

5. Camels for other purposes _____

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

Poultry

8. Poultry total on Nov 10, 2014

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

None

Total

201
205
209
213
217
221
225

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

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

Yes=1 No=2

--

Yes Complete questions below

No – End of the question

None

Total

229
230
231
232

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

- a. Traditional Beehives _____
- b. Intermediate Beehives _____
- c. Modern Beehives _____

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

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

233	
234	
235	
236	
237	
238	

Milk, Egg, and Honey Production during the reference period

11. Dairy cows and Camels

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

None

239
240
241
242
243
244
245
246

12. Egg production per hen per clutch _____

None

Indigenous

Hybrid

Exotic

13. Average number of days per clutch _____

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		
Sr. No.	Livestock Type	Afflicted/Diseased			Total Treated		
		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
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		Rinderpest		Others		
		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