

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

**AGRICULTURAL SAMPLE SURVEY
2015/16 [2008 E.C.]**

VOLUME II

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



**ADDIS ABABA
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Abbreviations

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

CHAPTER I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

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

Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2015/16 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 11, 2015 or Hidar 1, 2008 E.C.) and reference period (November 11, 2014 to November 11, 2015 or Hidar 2, 2007 E.C. to Hidar 1, 2008 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 2015/16 (2008 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except the non-sedentary population of three zones of Afar & six zones of Somali region.

To be covered by the survey, a total of 2,247 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 8 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,239 EAs (99.64%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 67,410 agricultural households, however, 66,592 (98.79%) 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, 2014 to Nov 11, 2015.

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, 2014 to Nov 11, 2015.

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 Bahirdar 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 11, 2015 (Hidar 1/2008 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 2015/16 livestock survey has covered the rural sedentary areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 11, 2015), 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 57.83 million. Out of this total cattle population, the female cattle constitute about 55.38 percent and the remaining 44.62 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63.75 percent) is in the 3 years and less than 10 years age category, with about 27.64 percent male and about 36.11 percent female. Moreover, about 16.30 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 2.13 percent of the total estimated number of cattle population (also see Fig III.1).

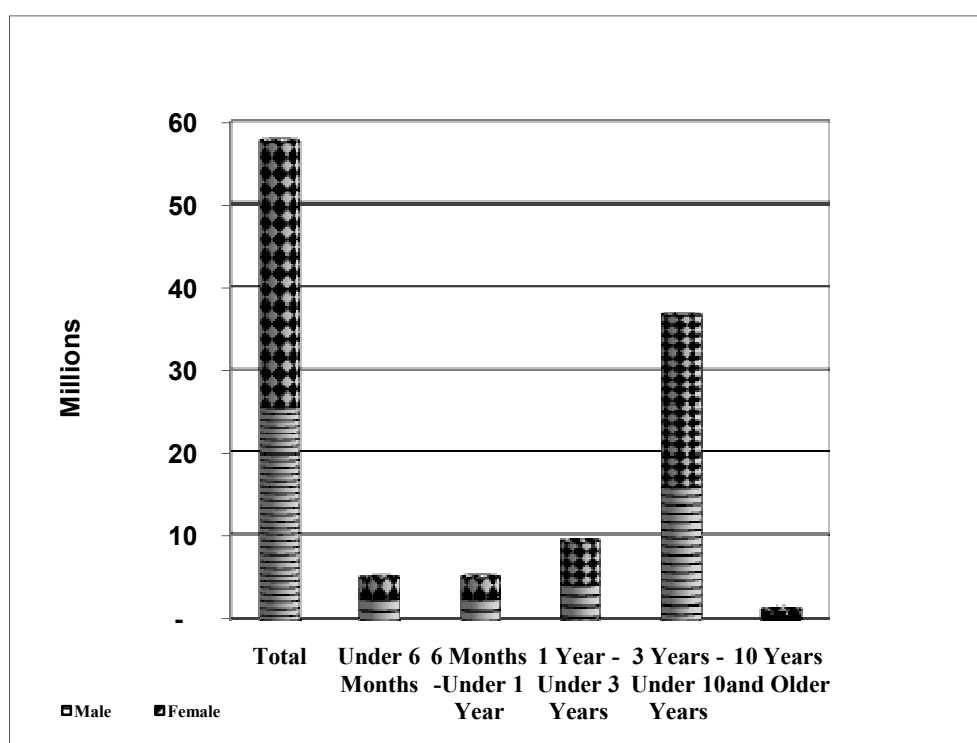
On the other hand, the results obtained indicated that 98.59 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 1.22 percent and 0.19 percent, respectively. Moreover,

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 25.09 percent and the percentage share of beef cattle is the lowest that is about 0.88 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 - 2015/16

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total	57,829,953	100	25,805,866	44.62	32,024,087	55.38
Under 6 months	5,116,394	8.85	2,463,178	4.26	2,653,217	4.59
6 months - under 1 year	5,190,724	8.98	2,493,402	4.31	2,697,321	4.66
1 year – under 3 years	9,428,861	16.3	4,222,420	7.3	5,206,441	9
3 years – under 10 years	36,864,080	63.75	15,983,576	27.64	20,880,503	36.11
10 years and older	1,229,894	2.13	643,290	1.11	586,604	1.01
Cattle by Breed						
Total	57,829,953	100	25,805,866	44.62	32,024,087	55.38
Indigenous	57,013,427	98.59	25,490,319	44.08	31,523,108	54.51
Hybrid	706,793	1.22	275,796	0.48	430,998	0.75
Exotic	109,733	0.19	39,751	0.07	69,982	0.12
Aged 3 – 10 Years by Purpose						
Total	36,864,080	63.75	15,983,576	27.64	20,880,503	36.11
Used for Milk	6,742,217	11.66			6,742,217	11.66
Used for Draught	14,509,564	25.09	14,295,141	24.72	214,423	0.37
Used for Beef	510,483	0.88	409,869	0.71	100,613	0.17
Used for Breeding	13,580,074	23.48	735,662	1.27	12,844,412	22.21
Used for Other	1,521,742	2.63	542,904	0.94	978,838	1.69
Dairy Animals						
Dairy Cows	6,742,217	11.66			6,742,217	11.66
Milking Cows	11,326,490	19.59			11,326,490	19.59

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



Dairy-cows¹ are estimated to be around 6.74 million and milking-cows² are about 11.33 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, 2014 to Nov. 10, 2015).

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



3.1.2 Sheep And Goat Populations

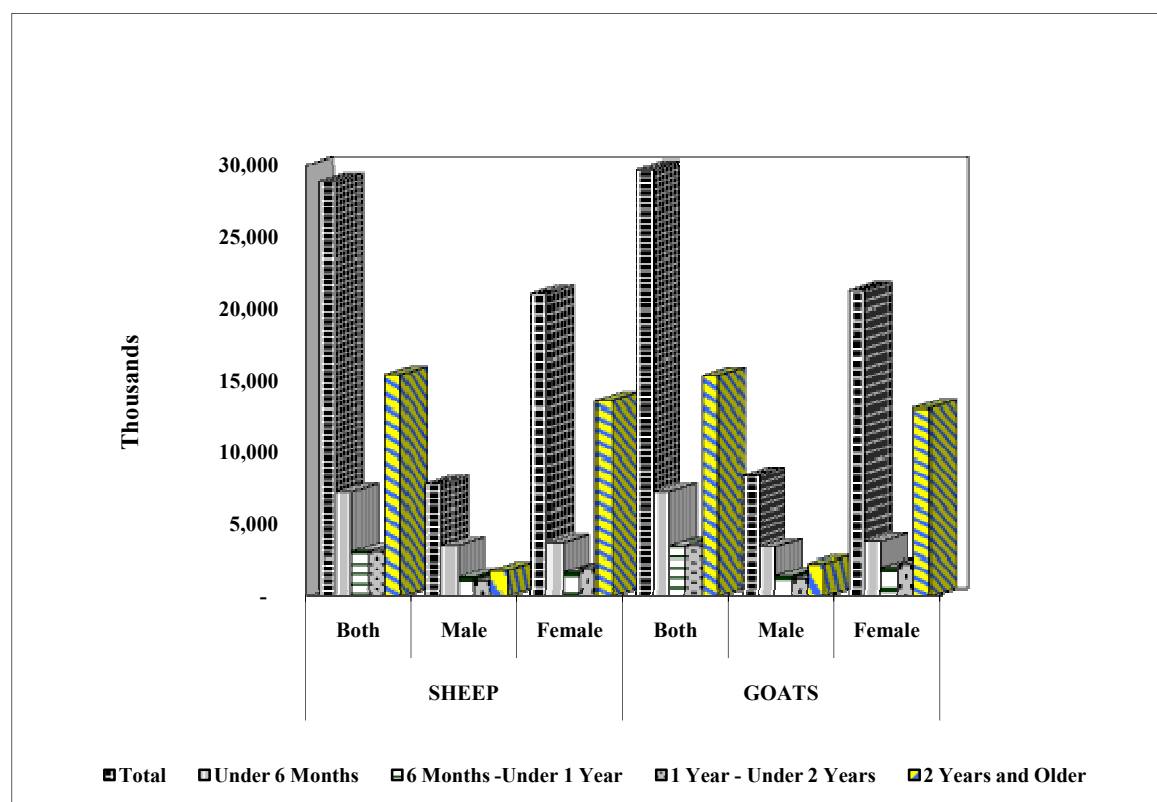
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 28.89 million sheep are estimated to be found in the country, out of which about 72.84 percent are females, and about 27.16 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 29.70 million. Out of these total goats, 71.57 percent are females and about 28.43 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 - 2015/16

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep	28,892,380	100.00	7,846,705	27.16	21,045,675	72.84
Under 6 months.....	7,285,802	25.22	3,542,996	12.26	3,742,807	12.95
6 months - under 1 year	3,084,734	10.68	1,368,301	4.74	1,716,434	5.94
1 year - under 2 years.....	3,083,811	10.67	1,101,089	3.81	1,982,722	6.86
2 years and older	15,438,032	53.43	1,834,319	6.35	13,603,713	47.08
Sheep by Breed						
Total.....	28,892,380	100.00	7,846,705	27.16	21,045,675	72.84
Indigenous.....	28,849,388	99.85	7,827,321	27.09	21,022,067	72.76
Hybrid	25,449	0.09	11,379	0.04	14,070	0.05
Exotic.....	*	*	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total.....	15,438,032	53.43	1,834,319	6.35	13,603,713	47.08
Used for Mutton.....	771,594	2.67	704,232	2.44	67,362	0.23
Used for Wool.....	90,870	0.31	15,458	0.05	75,412	0.26
Used for Breeding.....	14,449,850	50.01	1,048,719	3.63	13,401,132	46.38
Used for Other	125,718	0.44	65,911	0.23	59,808	0.21
Total Goats	29,704,958	100.00	8,444,229	28.43	21,260,729	71.57
Under 6 months...	7,288,815	24.54	3,447,375	11.61	3,841,440	12.93
6 months - under 1 year	3,515,719	11.84	1,461,337	4.92	2,054,382	6.92
1 year - under 2 years.....	3,521,911	11.86	1,238,466	4.17	2,283,444	7.69
2 years and older	15,378,514	51.77	2,297,051	7.73	13,081,463	44.04
Goats by Breed						
Total.....	29,704,958	100.00	8,444,229	28.43	21,260,729	71.57
Indigenous.....	29,694,119	99.96	8,441,670	28.42	21,252,449	71.55
Hybrid	8,468	0.03	2,228	0.01	6,240	0.02
Exotic.....	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total.....	15,378,514	51.77	2,297,051	7.73	13,081,463	44.04
Used for Milk.....	1,338,879	4.51			1,338,879	4.51
Used for Meat	739,931	2.49	691,158	2.33	48,773	0.16
Used for Breeding.....	13,180,981	44.37	1,527,827	5.14	11,653,154	39.23
Used for Other	118,722	0.40	78,066	0.26	40,656	0.14

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (53.43 percent and 51.77 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 25.22 percent and 24.54 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 (99.85 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 (53.43 % of the total sheep), 50.01 percent are kept for breeding; about 2.67 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 (51.77 % of the total), goats kept for breeding accounted for about 44.37 percent while goats kept for meat accounted for 2.49 percent. The number of female goats kept for milk at country level is estimated to be about 1.34 million, which is 4.51 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

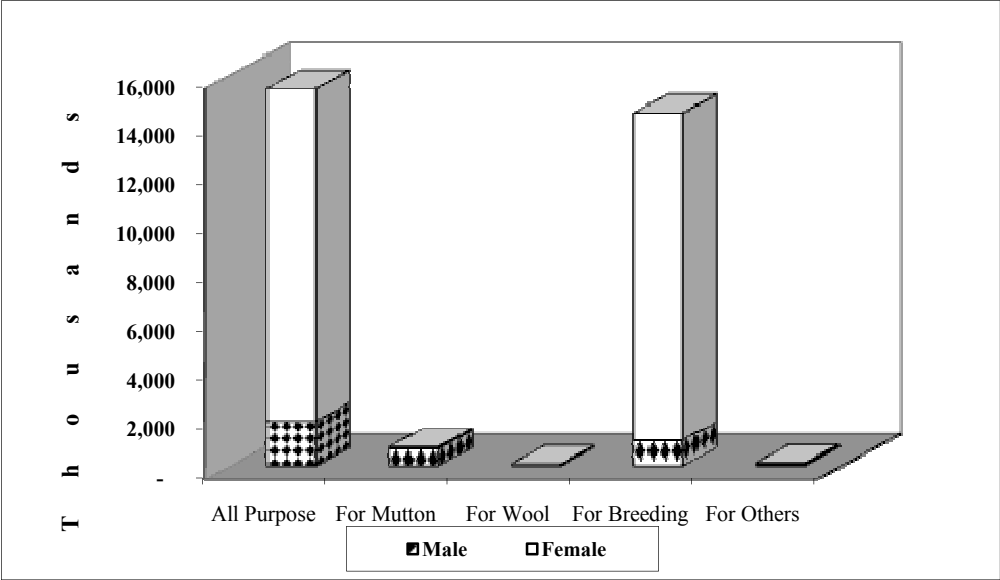
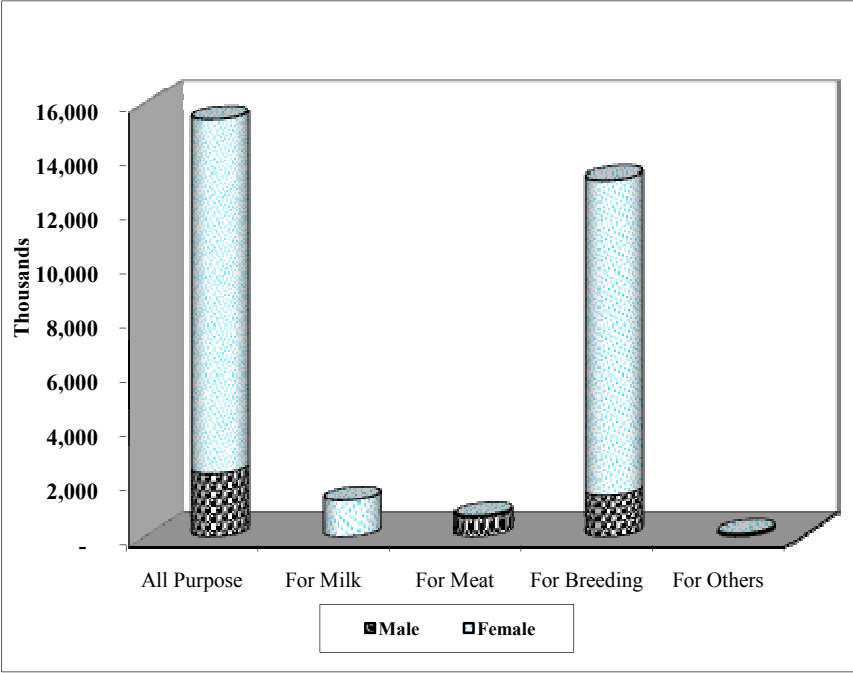


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 2.08 million horses, 7.88 million donkeys, 0.41 million mules, and about 1.23 million camels in the sedentary areas of the country.

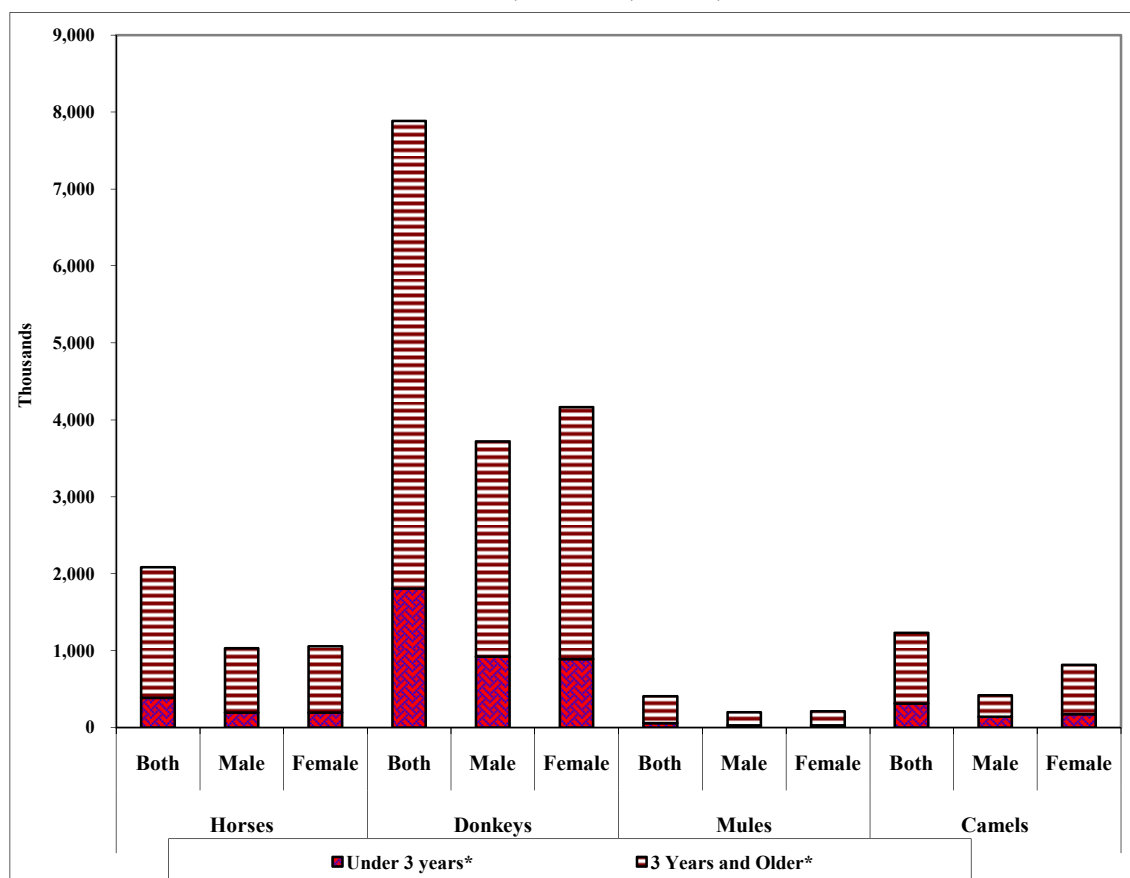
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 52.82 percent are females and the remaining 47.18 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 74.85 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 1.26 million were used for transportation, 0.24 million were for draught and the remaining 0.20 million were used for other purposes. With regard to donkeys, about 4.96 million were used for transportation whereas about 0.92 million and 0.20 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 - 2015/16**

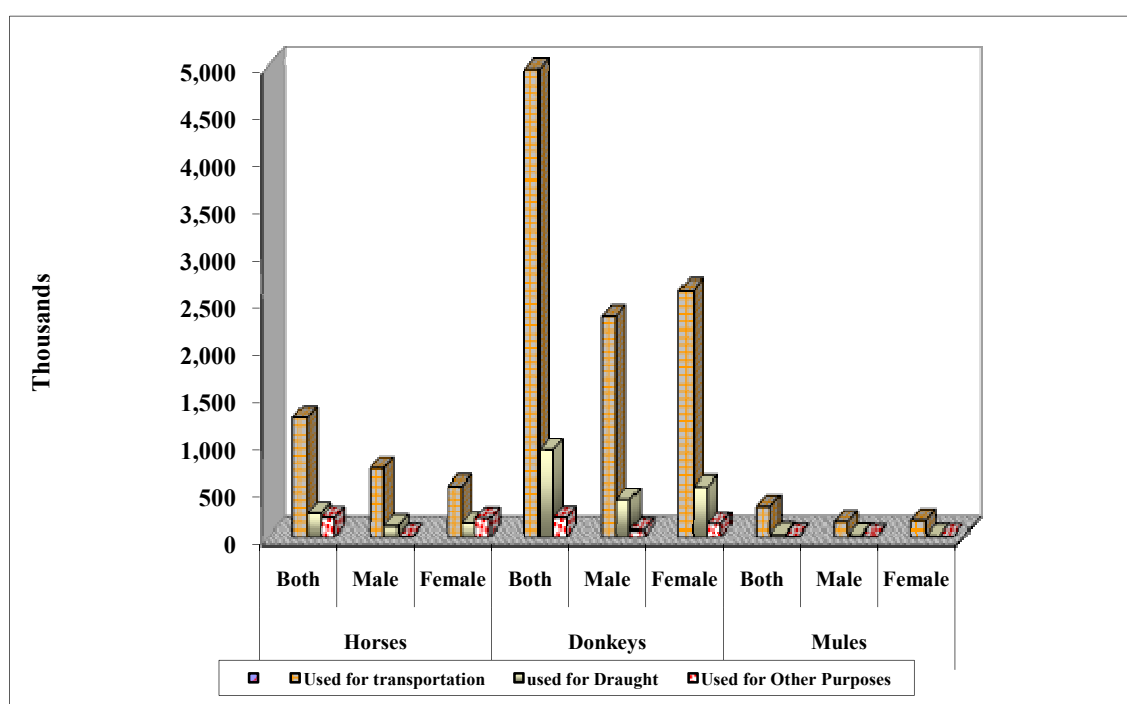
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses	2,082,203	100	1,029,124	49.42	1,053,079	50.58
Under 3 Years	382,046	18.35	190,817	9.16	191,230	9.18
3 years and older	1,700,157	81.65	838,308	40.26	861,849	41.39
Horses Aged 3 Years and Older by Purpose						
All Uses	1,700,157	81.65	838,308	40.26	861,849	41.39
Transportation	1,259,992	60.51	722,288	34.69	537,704	25.82
Draught	244,012	11.72	107,475	5.16	136,536	6.56
Other Uses	196,153	9.42	8,545	0.41	187,608	9.01
Total Donkeys	7,881,394	100	3,718,590	47.18	4,162,804	52.82
Under 3 Years	1,803,482	22.88	917,536	11.64	885,945	11.24
3 years and older	6,077,913	77.12	2,801,054	35.54	3,276,859	41.58
Donkeys Aged 3 Years and Older by Purpose						
All Uses	6,077,913	77.12	2,801,054	35.54	3,276,859	41.58
Transportation	4,955,775	62.88	2,337,967	29.66	2,617,808	33.22
Draught	924,471	11.73	395,126	5.01	529,345	6.72
Other Uses	197,666	2.51	67,960	0.86	129,706	1.65
Total Mules	405,950	100	195,635	48.19	210,314	51.81
Under 3 Years	54,464	13.42	26,059	6.42	28,404	7
3 years and older	351,486	86.58	169,576	41.77	181,910	44.81
Mules Aged 3 Years and Older by Purpose						
All Uses	351,486	86.58	169,576	41.77	181,910	44.81
Transportation	317,807	78.29	151,682	37.36	166,124	40.92
Draught	24,566	6.05	14,761	3.64	9,804	2.42
Other Uses	9,114	2.25	3,132	0.77	5,982	1.47
Total Camels	1,228,023	100	417,424	33.99	810,600	66.01
Under 4 Years	308,898	25.15	137,473	11.19	171,426	13.96
4 years and older	919,125	74.85	279,951	22.8	639,174	52.05
Camels Aged 4 Years and Older by Purpose						
All Uses	919,125	74.85	279,951	22.8	639,174	52.05
Meat	12,209	0.99	10,343	0.84	-	-
Milk	316,999	25.81			316,999	25.81
Transportation	205,351	16.72	177,398	14.45	27,954	2.28
Draught	11,185	0.91	11,185	0.91	-	-
Other Uses	373,380	30.4	81,025	6.6	292,355	23.81

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



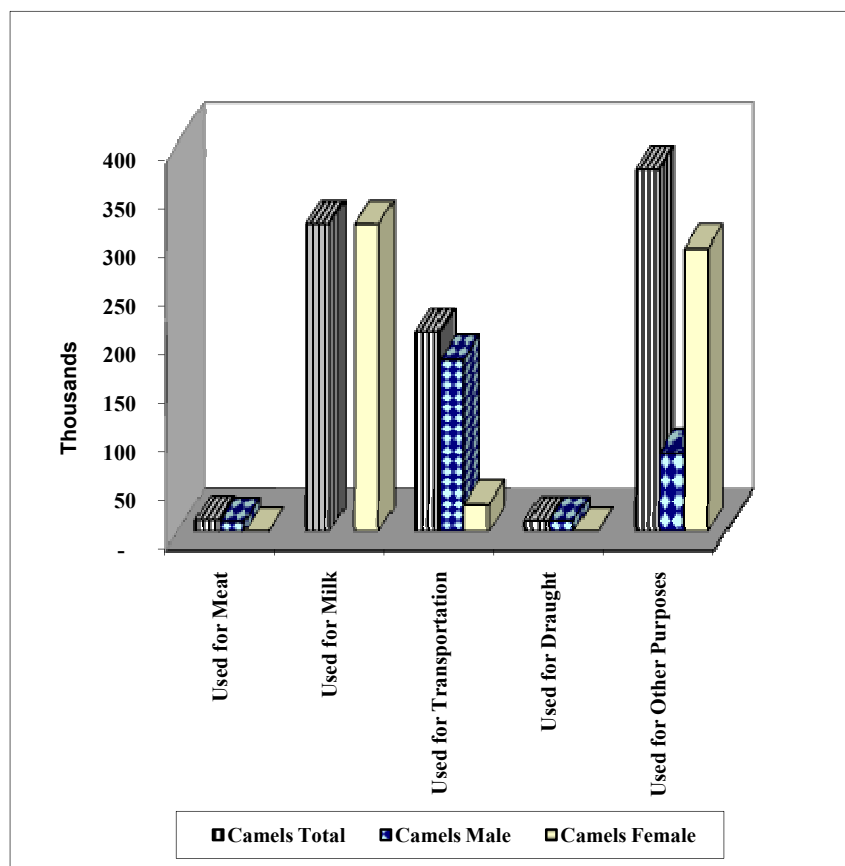
* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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

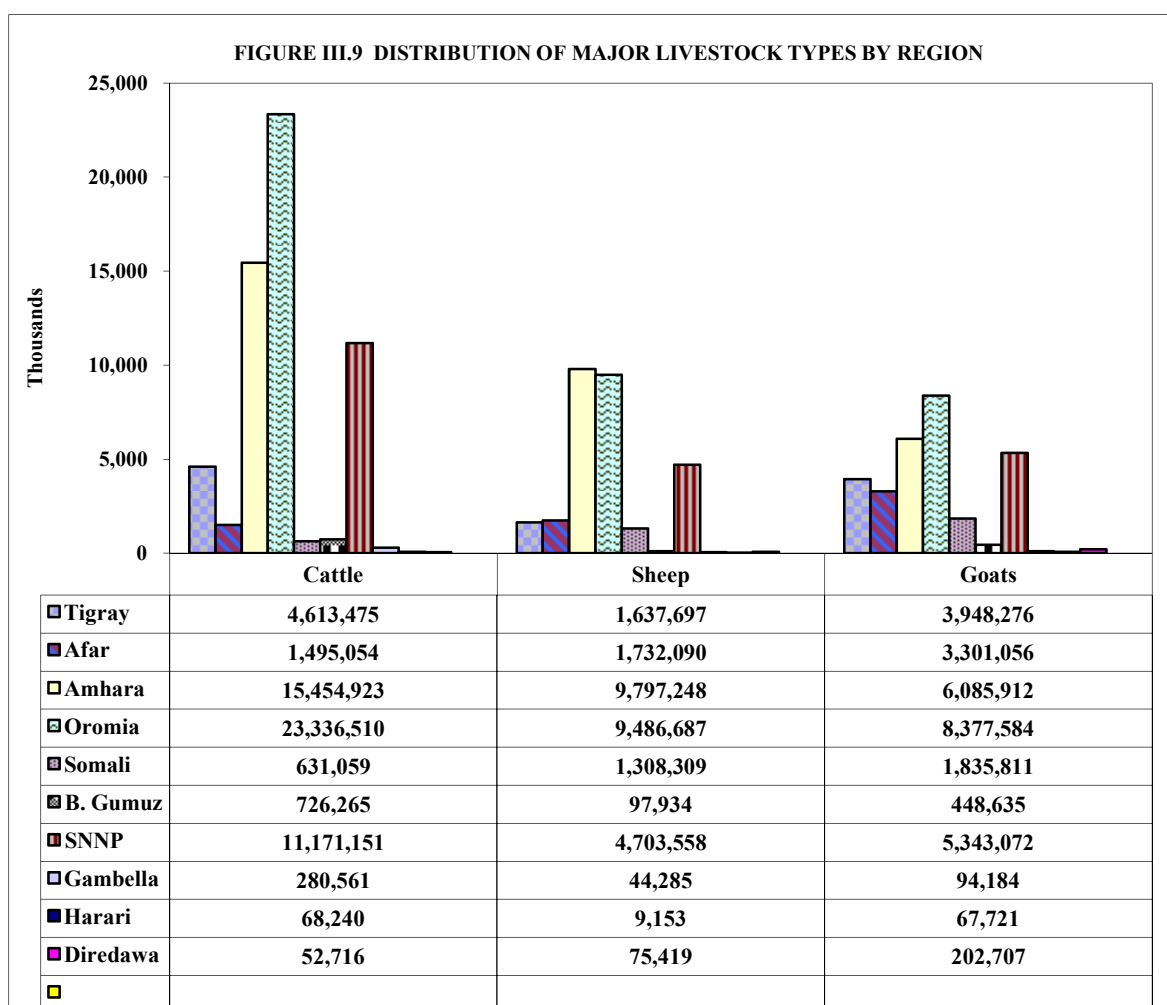


Considering the purpose of the mules, the data shows that the predominance (78.29%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 25.81 percent of the camels reported were kept for milk, 16.72 percent were for transportation, and only 0.91 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 12.21 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.



S

3.1.4 Poultry Population

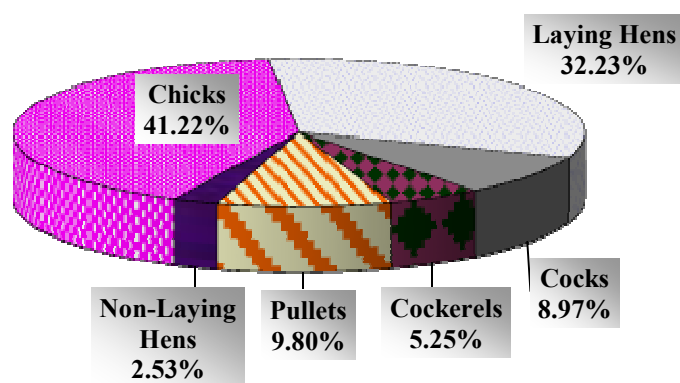
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 60.51million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (41.22 percent), followed by laying hens (32.23 percent). Pullets are estimated to be about 5.93 million in the country. Cocks and cockerels are also estimated separately, and are 5.43 million and about 3.17 million, respectively. The others are non-laying hens that make up about 2.53 percent (1.53 million) of the total poultry population in the country. With regard to breed, 94.33 percent, 3.21 percent and 2.47 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 - 2015/16

Type of Poultry	All		Indigenous		Exotic		Hybrid	
	Number	%	Number	%	Number	%	Number	%
All Poultry.....	60,505,327	100	57,072,596	94.33	1,493,251	2.47	1,939,479	3.21
Cocks	5,426,302	8.97	5,066,268	8.37	167,859	0.28	192,176	0.32
Cockerels	3,173,736	5.25	3,043,859	5.03	22,212	0.04	107,665	0.18
Pullets	5,932,298	9.8	5,458,940	9.02	211,121	0.35	262,237	0.43
Non-Laying Hens.....	1,533,216	2.53	1,457,560	2.41	33,135	0.05	42,521	0.07
Chicks	24,941,049	41.22	24,038,628	39.73	291,104	0.48	611,317	1.01
Laying Hens.....	19,498,726	32.23	18,007,343	29.76	767,819	1.27	723,564	1.2

FIGURE III.10 DISTRIBUTION OF POULTRY BY TYPE



3.1.5 Beehive Population

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

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

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

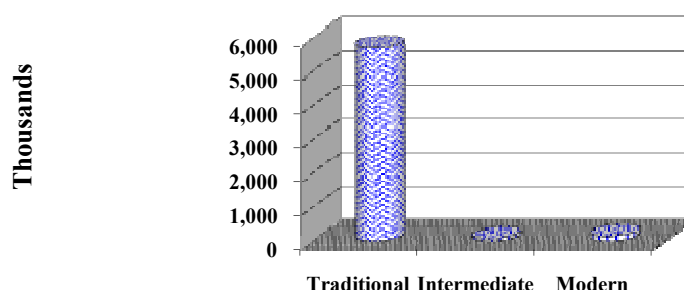
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 11, 2014 to November 10, 2015). Accordingly, the result of the survey revealed that a total of about 5.92 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (96.46 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,
Ethiopia - 2015/16

Type of Beehive	Number	%
All Beehives	5,916,100	100
Traditional Beehives	5,706,959	96.46
Intermediate Beehives	70,753	1.2
Modern Beehives	138,388	2.34

FIGURE III.11 DISTRIBUTION OF BEEHIVES BY TYPE



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

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

According to the survey result, about 87.85 million chickens, 12.29 million sheep, 11.74 million goats and 10.98 million cattle were born during the reference period in the rural sedentary areas of the country. Females accounted for the greater portions of most of the newly born animals (see Summary Table III.6).

With regard to other acquisitions, households have purchased about 24.75 million animals (either to build their stock or for some other reasons) and acquired about 2.17 million animals through gifts or any other means during the reference period (see Summary Table III.6).

SUMMARY TABLE III.6 Estimated Numbers of Births, Purchases, and Acquired Animals by Type during the Reference Period, Ethiopia - 2015/16

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

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

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

estimated number of deaths is about 74.94 million animals and households have also offered about 1.92 million animals to their relatives or others as gifts.

SUMMARY TABLE III.7 Estimated Numbers of Sales, Slaughters, Deaths, and Offerings by Type during the Reference Period,
Ethiopia - 2015/16

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

* Includes animals that died from diseases and other causes

3.4 LIVESTOCK PRODUCTS

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

3.4.1 Milk Production

Estimation of milk production entails three components, namely number of milking cows, number of months milking cows actually milked within the reference period and average milk production per cow per day. Hence, data on these components have been collected and the total milk production in the sedentary areas of the country is estimated by multiplying these three components. However, two basic concepts about milk production should be mentioned here. “Gross production”, which includes whole fresh milk actually milked and milk sucked by young animals and also milk fed to other animals. “Net production” consists of whole milk actually milked and milk fed to other animals but excludes milk sucked by young animals. Therefore, in the case of this survey, milk production is estimated based on the concept of “net production”, and as indicated in Summary Table III.8, the estimate of total cow milk production for the rural sedentary areas of the country during the reference period, is about 3.06 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 220.00 million liters.

Data on lactation period and average milk yield per cow per day were also collected. As a result, the average lactation period per cow during the reference period at country level is estimated to be about *six* months, and average milk yield per cow per day is about 1.37 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 3.56 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 50.79 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 1.61, 1.95, and 1.64 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 95.77 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, 35 and 142 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, 30 and 126 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2015/16**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...			1.365
Average Lactation Period (Months).....			6
Total Milk Production (Liters)			3,055,903,834
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			3.559
Average Lactation Period (Months)			9
Total Milk Production (Liters)			220,000,095
Honey Production			
All Types of Beehives (Number).....			5,916,100
Production (Kilograms).....			50,790,578
Average Frequency (Harvests/Year).....			1.62
Traditional Beehives (Number).....			5,706,959
Production (Kilograms).....			47,352,624
Average Frequency (Harvests/Year).....			1.61
Intermediate Beehives (Number).....			70,753
Production (Kilograms).....			1,293,068
Average Frequency (Harvests/Year).....			1.95
Modern Beehives (Number).....			138,388
Production (Kilograms).....			2,144,886
Average Frequency (Harvests/Year).....			1.64
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	4	5	-
Average Length of a Period (in days).....	21	35	142
Average Number of Eggs/Hen/Period.....	12	30	126
Total Egg Production (Number).....	95,767,222	8,097,156	10,771,696

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 - 2015/16

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax ³	Blackleg ⁴	Pleuro-Pneumonia ⁵	Hemorrhagic Septicemia ⁶	Others
Cattle.....	31,926,072	10,666,559	10,215,766	3,175,162	4,787,533	3,081,052
Sheep.....	6,286,005	881,374	789,308	1,545,201	1,642,629	1,427,493
Goats.....	6,935,509	977,027	768,003	1,435,200	2,082,577	1,672,702
Camels.....	98,424	25,016	13,383	38,158	7,326	14,541
Total	45,246,010	12,549,976	11,786,460	6,193,721	8,520,065	6,195,788

SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2015/16

Item	Number	%
Total Afflicted.....	53,810,216	100
Cattle.....	9,289,243	17.26
Sheep.....	5,564,112	10.34
Goats.....	5,374,508	9.99
Horses, Donkeys, and Mules.	1,210,049	2.25
Camels.....	135,429	0.25
Poultry.....	32,236,875	59.91
Total Treated.....	15,240,453	100
Cattle.....	6,280,231	41.21
Sheep.....	2,371,763	15.56
Goats.....	1,913,727	12.56
Horses, Donkeys, and Mules.	721,583	4.73
Camels.....	34,604	0.23
Poultry.....	3,918,546	25.71

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 45.25 million. Out of these animals, about 70.56 percent were cattle followed by goats, which took about 15.33 percent share. Sheep also accounted for about 13.89 percent of the total vaccinated animals. The survey results revealed that about 98.42 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.

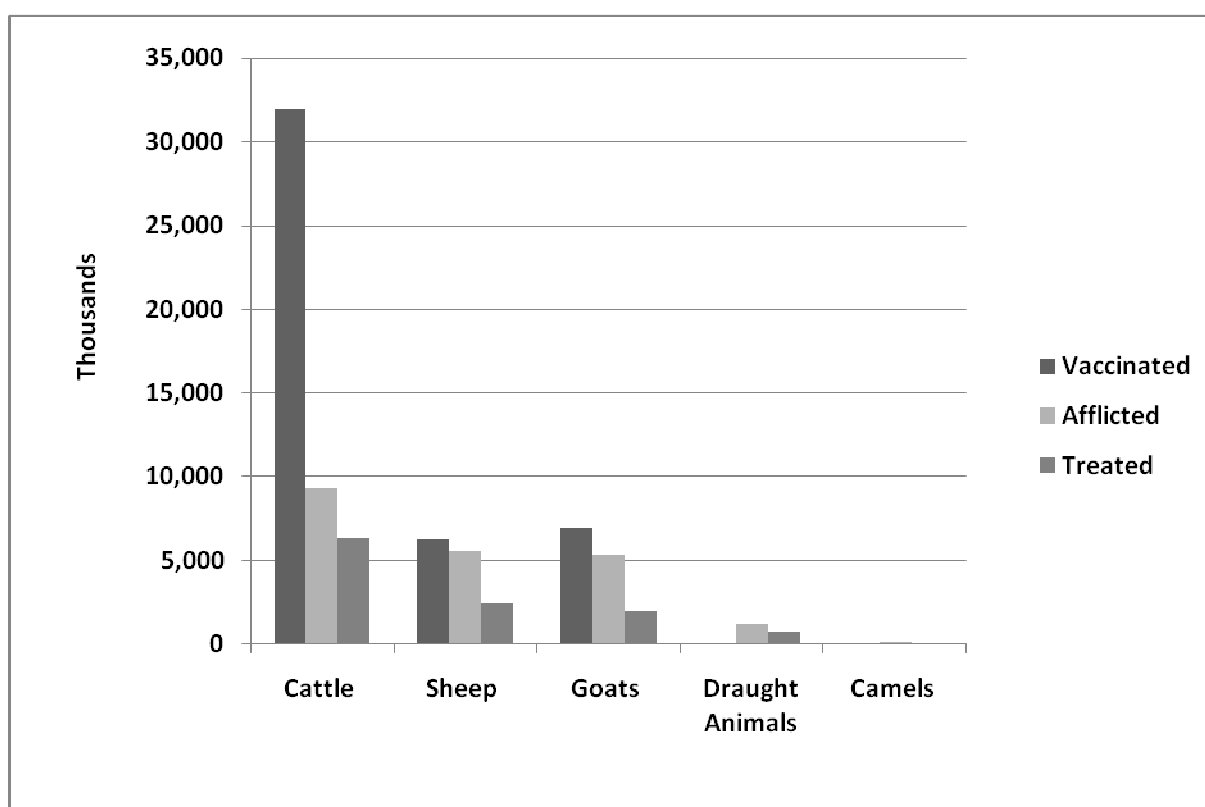
⁴ Blackleg- is an infectious bacterial disease of farm animals that causes swellings on the legs.

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 53.81 million animals were diseased / afflicted by different types of diseases during the reference period and only about 15.24 million of them were treated. The cattle constituted about 41.21 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).

Most of the holdings, about 51.42 percent, reported one to four cattle and considerable portion (20.54 percent) of the holdings possess five to nine cattle. About 22.56 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 - 2015/16

Size	Number of Holdings	%
All Holdings.....	16,817,470	100
Holdings with no Cattle...	3,794,635	22.56
1-2 Head.....	4,345,615	25.84
3-4 Head.....	4,301,634	25.58
5-9 Head.....	3,453,892	20.54
10-19 Head.....	781,449	4.65
20-49 Head.....	130,421	0.78
50-99 Head.....	6,878	0.04
100-199 Head.....	1,876	0.01
>=200 Head.....	1,070	0.01

The result of the survey also revealed that about 21.46 percent and 15.28 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 65.97 percent and about 73.30 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 – 2015/16

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	16,817,470	100	16,817,470	100
Holdings with no Sheep/Goats.	11,093,885	65.97	12,326,428	73.3
1-4 Head.....	3,609,788	21.46	2,569,259	15.28
5-9 Head.....	1,502,623	8.93	1,168,359	6.95
10-49 Head.....	597,783	3.55	712,196	4.23
50-99 Head.....	10,696	0.06	32,169	0.19
100-199 Head.....	824	*	6,570	0.04
200-499 Head.....	1,604	0.01	1,794	0.01
>=500 Head.....	267	*	695	*

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 98.29 percent, 97.78 percent, 92.03 percent, and 67.92 percent of the total holdings were with no camel; no mule, no horse, and no donkey, respectively (see Summary Table III.10c).

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

Summary Table III.10c: Number of Holdings by Size of Draught Animals,
Ethiopia - 2015/16

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	16,817,470	100	16,817,470	100	16,817,470	100	16,817,470	100
Holdings with no Animals.	15,476,511	92.03	11,422,178	67.92	16,443,767	97.78	16,530,550	98.29
1-2 Head.....	1,172,459	6.97	4,956,261	29.47	371,443	2.21	167,046	0.99
3-4 Head.....	148,165	0.88	407,326	2.42	2,260	0.01	43,180	0.26
5-9 Head.....	19,645	0.12	30,700	0.18	-	-	42,444	0.25
>= 10 Head.....	690	*	1,005	0.01	-	-	34,250	0.2

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

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2015/16

Size	Number of Holdings	%
All Holdings.....	16,817,470	100
Holdings with no Poultry...	7,847,549	46.66
1-9 Head.....	6,814,227	40.52
10-49 Head.....	2,141,308	12.73
50-99 Head.....	13,376	0.08
100-199 Head.....	1,010	0.01
200-499 Head.....	-	-

3.7 ANIMAL FEED

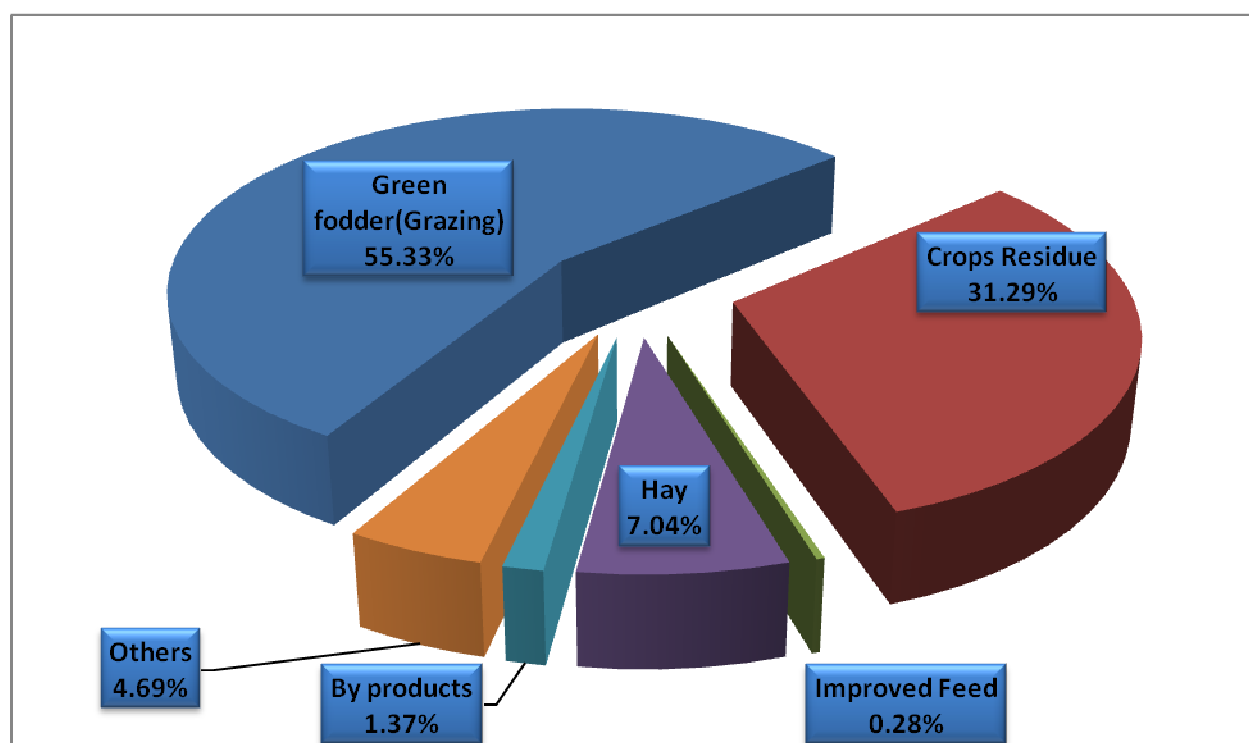
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds.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

According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 55.33percent) followed by crops residue that is 31.29 percent. Hay and by-products were also used as animal feeds that comprise about 7.04 and 1.37 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 0.28 percent) was used as animal feed and other types of feed that accounted for about 4.69 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2015/16

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing	14,388,408	55.33
Crops Residue.....	12,320,487	31.29
Improved Feed.....	268,026	0.28
Hay	4,780,021	7.04
By-products	1,543,908	1.37
Others	4,798,271	4.69

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 14.39 million holders have used green fodder to feed their animals. Significant number of holders (about 12.32 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 4.78 million, and about 1.54 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 4.79 million) as well reported to use other types of feeds while about 268 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 - 2015/16

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	14,388,407	12,320,487	268,026	4,780,020	1,543,907	4,798,270
Own Holding.....	6,165,697	10,684,443	192,823	3,072,907	565,276	3,398,250
Purchased.....	320,095	280,181	46,609	739,411	867,805	574,000
Communal Holdings/Government	3,437,295	124,360	8,020	135,360	5,914	63,450
From any Two or More Sources...	4,175,726	1,079,672	17,611	745,985	62,058	564,495
Other Sources.....	289,594	151,831	2,963	86,357	42,854	198,075

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 292 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 19.78 percent of them were engaged in dairy development packages whereas about 4.56 percent of them have practiced honey and wax development package. Moreover, about 4.29

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 – 2015/16

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	292,256	100
Dairy Development Package.....	57,801	19.78
Beef/Meat/Mutton Development Package.....	45,023	15.41
Poultry Development Package.....	154,967	53.02
Honey and Wax Development Package.....	13,329	4.56
Two or More of the Packages.....	12,533	4.29
Others.....	8,604	2.94

**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	57,829,953	28,892,380	29,704,958	2,082,203	405,950	7,881,394	1,228,023	60,505,327	5,916,100
Tigray	4,613,475	1,637,697	3,948,276	2,168	7,536	802,807	59,846	6,329,501	263,961
North West Tigray	1,803,123	219,691	1,922,107	-	350	252,051	21,720	2,462,627	79,832
Central Tigray	771,425	387,751	893,506	-	1,338	182,837	4,457	1,397,424	79,373
Eastern Tigray	441,023	586,905	224,724	796	993	130,963	-	903,436	38,124
Southern Tigray	739,618	359,732	355,995	192	3,271	165,890	25,304	750,084	37,035
Western Tigray	858,286	83,618	551,943	1,180	1,584	71,067	8,365	815,930	29,597
Afar	1,495,054	1,732,090	3,301,056	-	636	133,481	460,624	106,355	310
Zone 1	947,240	933,327	1,769,578	-	-	58,816	169,076	1,465	-
Zone 3	547,813	798,763	1,531,478	-	636	74,665	291,549	104,890	310
Amhara	15,454,923	9,797,248	6,085,912	471,611	177,544	2,829,592	63,500	19,958,894	1,328,235
North Gonder	3,525,578	1,118,369	1,767,857	32,226	7,178	454,024	2,562	6,193,835	273,700
South Gonder	1,751,513	971,891	554,086	33,539	15,601	329,814	-	2,029,761	191,344
North Wolo	855,444	654,860	510,097	29,444	12,324	206,089	17,422	1,007,118	44,404
South Wolo	1,754,510	1,864,453	812,473	78,167	39,567	477,859	17,808	2,027,578	186,977
North Shewa	1,451,080	1,747,816	817,496	53,989	12,891	422,108	14,470	1,830,276	80,512
East Gojam	1,958,387	1,365,001	508,984	102,003	20,908	420,535	-	1,585,455	151,047
West Gojam	2,319,049	1,206,147	355,190	45,236	43,768	300,221	-	3,456,879	197,222
Waghamera	351,680	156,918	398,867	230	2,975	83,306	-	335,398	50,513
Awi	1,188,485	602,997	153,218	95,768	22,334	85,998	-	1,189,287	142,488
Oromia	275,707	99,377	180,820	1,009	-	46,351	10,672	268,447	8,241
Argoba Special Wereda	23,490	9,418	26,823	-	-	3,288	565	34,861	1,788
Oromia	23,336,510	9,486,687	8,377,584	1,242,071	152,178	3,214,317	272,344	21,201,122	3,009,745
West Wellega	1,036,434	270,603	137,509	2,020	3,697	133,495	-	1,553,416	349,353
East Wellega	943,725	217,502	130,294	4,127	4,688	92,257	-	948,843	236,377
Illubabor	1,182,781	409,028	222,576	60,474	13,930	41,786	-	1,227,807	421,738
Jimma	2,212,962	866,561	457,311	96,782	17,644	77,767	-	1,951,129	546,722
West Shewa	2,116,203	973,499	434,531	151,963	11,720	254,862	-	1,961,058	219,317
North Shewa	1,600,456	1,143,108	318,756	84,467	5,301	288,011	-	1,044,766	71,714
East Shewa	1,138,454	355,552	599,916	16,952	7,153	336,766	4,424	1,244,843	14,594
Arsi	2,549,380	1,572,330	1,059,011	239,625	24,605	463,231	62,335	1,847,197	95,152
West Harerghe	1,017,806	182,149	890,226	-	1,102	216,819	40,337	1,512,784	65,846
East Harerghe	1,040,430	468,211	1,051,783	395	978	272,535	35,167	1,564,569	59,795
Bale	1,566,521	298,293	726,394	90,685	17,272	239,705	29,639	710,593	190,847
Borena	1,081,553	343,674	876,139	874	2,102	73,762	75,622	689,154	68,953
South West Shewa	1,138,472	433,920	376,552	65,139	8,909	229,197	-	1,121,550	101,736
Guji	1,503,241	567,042	423,698	168,299	16,291	97,997	24,193	914,064	223,067
West Arsi	2,010,245	948,174	404,220	204,454	7,094	258,862	627	1,293,496	124,023
Kelem Wellega	530,244	233,306	122,086	13,650	6,937	51,179	-	1,035,282	107,878
Horoguduru Wellega	667,605	203,735	146,582	42,167	2,755	86,085	-	580,569	112,633

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Somale	631,059	1,308,309	1,835,811	-	71	148,724	362,291	177,300	2,022
Shinele	16,449	45,700	121,420	-	-	7,358	8,012	6,387	200
Jijiga	369,843	863,758	612,304	-	-	69,948	100,639	7,087	1,294
Liben	244,768	398,850	1,102,088	-	71	71,418	253,640	163,826	528
Benshangul-Gumuz	726,265	97,934	448,635	1,168	1,989	76,558	405	1,363,061	219,448
Metekel	590,598	68,362	213,642	1,168	1,932	41,674	405	658,603	114,613
Asosa	84,630	14,829	172,271	-	-	28,118	-	510,527	49,227
Kemeshi	41,521	8,422	44,307	-	41	5,187	-	130,339	12,065
Mao Komo	9,516	6,321	18,415	-	15	1,580	-	63,593	43,543
SNNP	11,171,151	4,703,558	5,343,072	363,841	65,890	641,163	-	10,851,155	992,633
Gurage	871,915	351,058	153,704	49,827	3,334	95,306	-	838,049	48,046
Hadiya	887,734	239,808	169,414	29,626	5,755	111,247	-	969,682	75,390
Kembata Tembaro	371,007	110,493	52,051	8,796	1,055	35,303	-	356,337	22,879
Sidama	2,053,625	531,132	300,716	50,081	5,729	71,128	-	1,760,300	117,248
Gedio	120,285	227,774	16,545	18,573	3,606	3,490	-	303,326	32,171
Wolayita	823,831	245,456	133,437	239	1,698	36,585	-	877,768	52,991
South Omo	1,776,996	1,243,506	3,084,232	21,109	5,110	26,215	-	1,218,629	73,949
Shaka	134,237	56,754	21,206	10,879	980	2,216	-	181,938	81,360
Kaffa	898,979	465,734	268,713	80,817	11,485	870	-	1,030,071	158,021
Gamo Gofa	1,245,102	451,955	379,174	41,478	13,513	60,124	-	1,042,701	99,266
Bench Maji	329,102	159,065	87,314	10,793	1,117	1,042	-	559,861	56,547
Yem Sp. Wereda	72,260	28,143	38,687	442	69	4,937	-	57,824	10,833
Dawro	302,959	95,574	57,613	5,695	6,354	3,371	-	198,153	39,969
Basketo Sp. Wereda	47,871	17,938	10,206	513	758	1,257	-	64,595	4,889
Konta Sp. Wereda	103,350	25,545	15,042	1,333	1,776	1,922	-	108,786	39,843
Silte	544,910	277,198	205,416	28,374	1,541	108,913	-	696,660	33,708
Alaba Sp. Wereda	163,909	55,246	68,169	2,005	243	37,760	-	159,326	10,320
Segen People	423,080	121,177	281,432	3,261	1,766	39,477	-	427,149	35,203
Gambela region	280,561	44,285	94,184	1,111	107	1,284	-	358,288	96,581
Agnuwak	28,782	1,591	24,464	-	-	1,284	-	169,283	53,790
Nuware	215,471	34,476	59,067	-	-	-	-	85,672	-
Mezhenger	20,227	5,929	4,326	1,111	107	-	-	60,476	42,792
Itang Special	16,080	2,289	6,327	-	-	-	-	42,858	-
Harari	68,240	9,153	67,721	-	-	13,696	3,274	74,332	1,717
Hundene	68,240	9,153	67,721	-	-	13,696	3,274	74,332	1,717
Dire Dawa	52,716	75,419	202,707	233	-	19,772	5,740	85,318	1,446

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	57,829,953	2,463,178	2,493,402	4,222,420	15,983,576	643,290	2,653,217	2,697,321	5,206,441	20,880,503	586,604
Tigray	4,613,475	213,767	162,942	358,420	1,381,093	128,183	240,430	172,989	396,232	1,469,486	89,933
North West Tigray	1,803,123	86,053	68,273	144,484	477,290	52,431	103,364	70,372	170,542	582,702	47,612
Central Tigray	771,425	29,506	22,377	54,417	303,243	28,167	26,862	22,907	53,774	226,342	3,828
Eastern Tigray	441,023	19,037	13,907	42,491	154,215	8,015	19,086	13,364	40,684	125,907	4,318
Southern Tigray	739,618	32,494	20,386	50,437	263,841	14,273	37,578	24,202	52,660	237,878	5,871
Western Tigray	858,286	46,677	37,999	66,591	182,504	25,298	53,541	42,144	78,572	296,657	28,303
Afar	1,495,054	77,566	56,047	61,666	118,632	3,555	123,256	120,084	163,120	753,935	17,192
Zone 1	947,240	54,119	43,681	44,475	62,690	*	75,163	83,396	108,202	464,017	9,239
Zone 3	547,813	23,447	12,367	17,191	55,942	*	48,093	36,689	54,917	289,918	7,953
Amhara	15,454,923	599,503	631,142	1,160,788	5,222,137	235,390	592,034	633,359	1,280,853	4,926,375	173,340
North Gonder	3,525,578	149,536	176,318	272,267	999,288	28,304	165,590	204,927	325,563	1,161,311	42,475
South Gonder	1,751,513	71,059	59,986	129,431	579,416	28,525	66,472	69,417	154,863	574,582	17,762
North Wolo	855,444	41,771	35,126	67,746	300,235	7,003	41,555	25,291	66,353	266,215	4,150
South Wolo	1,754,510	90,577	66,739	123,313	670,673	17,513	70,395	64,923	131,857	511,868	6,652
North Shewa	1,451,080	50,211	46,171	90,027	648,451	23,204	38,181	44,591	107,137	394,259	8,847
East Gojam	1,958,387	53,779	71,077	134,534	718,625	64,519	53,893	64,179	142,536	627,090	28,156
West Gojam	2,319,049	62,538	105,232	175,642	803,319	44,816	66,455	94,083	194,193	736,017	36,753
Waghamera	351,680	15,423	10,822	19,844	119,507	3,589	18,718	14,128	24,649	122,589	2,409
Awi	1,188,485	47,837	46,889	124,458	291,166	13,208	52,571	42,159	109,747	436,580	23,871
Oromia	275,707	15,374	11,791	21,739	83,585	*	17,289	8,509	22,237	88,503	2,103
Argoba S. W.	23,490	1,398	992	1,786	7,872	129	916	1,154	1,719	7,361	163
Oromia	23,336,510	990,487	1,018,172	1,804,786	6,659,184	225,386	1,042,324	1,092,235	2,106,150	8,192,377	205,410
West Wellega	1,036,434	35,525	45,415	83,375	285,786	1,594	40,966	51,257	99,967	389,713	2,836
East Wellega	943,725	39,334	59,057	74,992	247,242	4,738	32,661	45,408	86,758	346,878	6,658
Illubabor	1,182,781	51,151	63,428	102,224	315,328	1,208	51,404	68,669	116,558	408,444	4,367
Jimma	2,212,962	103,878	102,914	157,768	678,062	*	113,608	109,133	180,453	764,854	*
West Shewa	2,116,203	74,765	92,012	164,571	710,155	31,141	74,256	107,685	179,189	658,517	23,912
North Shewa	1,600,456	55,606	60,441	114,997	561,450	23,885	62,340	66,507	133,344	500,949	20,937
East Shewa	1,138,454	28,396	40,360	77,224	438,467	54,441	35,041	38,571	86,340	328,183	11,430
Arsi	2,549,380	115,764	83,877	174,647	862,977	15,506	116,794	102,420	197,447	860,574	19,375
West Harerghe	1,017,806	62,186	43,808	104,032	253,564	*	52,181	46,932	110,664	339,111	5,010
East Harerghe	1,040,430	67,650	57,459	133,975	137,207	-	54,525	52,414	118,254	410,921	8,024
Bale	1,566,521	61,765	75,466	117,434	447,625	7,643	69,956	79,892	145,331	544,655	16,755
Borena	1,081,553	61,601	49,587	73,780	175,877	*	64,938	60,121	111,132	460,288	17,244
South West Shewa	1,138,472	29,611	34,618	82,001	445,387	36,790	32,126	40,877	85,464	340,645	10,953
Guji	1,503,241	60,814	65,038	105,989	304,586	6,445	79,154	79,860	164,980	620,179	16,196
West Arsi	2,010,245	110,848	87,856	145,653	423,219	11,638	123,754	80,803	189,288	815,448	21,738
Kelem Wellega	530,244	14,597	26,132	44,264	169,860	1,066	20,183	28,499	44,846	178,691	2,106
Horoguduru Wellega	667,605	16,997	30,706	47,859	202,392	21,273	18,438	33,186	56,135	224,328	16,291

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	631,059	48,756	27,578	47,551	90,028	*	54,921	33,085	65,113	262,554	1,117
Shinele	16,449	1,550	595	1,042	1,683	-	1,378	781	1,950	7,286	*
Jijiga	369,843	33,354	17,353	29,474	51,795	*	33,721	17,777	33,129	152,226	*
Liben	244,768	13,851	9,630	17,035	36,550	-	19,822	14,527	30,033	103,043	*
Benshangul-Gumuz	726,265	20,966	43,094	62,384	190,860	11,817	19,126	45,942	65,880	257,073	9,124
Metekel	590,598	15,789	34,604	51,325	163,364	11,787	14,368	37,192	48,569	205,149	8,452
Asosa	84,630	2,987	5,055	6,841	16,993	-	2,104	4,870	11,634	33,474	*
Kemeshi	41,521	1,905	2,860	3,529	8,006	-	2,189	3,355	4,506	15,171	-
Mao Komo	9,516	286	576	688	2,498	*	464	525	1,171	3,279	-
SNNP	11,171,151	494,221	532,563	692,904	2,266,571	38,468	560,282	569,912	80,697	4,847,614	87,920
Gurage	871,915	35,568	45,998	53,187	162,814	*	41,617	49,631	94,629	374,914	7,974
Hadiya	887,734	37,339	42,868	65,274	211,750	4,637	56,459	42,775	76,618	341,744	*
Kembata Tembaro	371,007	15,688	14,198	23,408	79,117	*	16,798	22,702	43,411	154,782	*
Sidama	2,053,625	118,848	127,014	122,566	98,320	*	116,546	143,464	63,967	1,029,147	32,512
Gedio	120,285	3,276	4,385	15,424	38,292	-	3,147	3,701	11,447	40,394	*
Wolayita	823,831	43,458	45,695	63,908	162,439	*	46,889	49,657	86,411	322,111	2,370
South Omo	*	54,307	42,345	49,722	*	*	74,746	49,306	67,898	*	*
Shaka	134,237	8,637	9,030	11,510	24,161	-	7,056	8,149	14,246	50,802	*
Kaffa	898,979	46,814	50,984	65,820	223,056	*	48,757	41,184	01,065	320,556	*
Gamo Gofa	1,245,102	54,713	64,235	84,229	280,700	*	58,727	65,330	36,444	497,344	3,104
Bench Maji	329,102	17,497	15,660	22,634	88,173	-	17,533	18,802	29,244	119,074	484
Yem Sp. Wereda	72,260	1,694	2,352	4,112	27,816	-	2,055	3,029	5,313	25,889	-
Dawro	302,959	12,201	15,230	25,588	63,506	*	15,982	16,313	36,169	117,235	615
Basketo Sp. Wereda	47,871	1,398	2,873	4,442	12,439	-	2,136	1,825	4,961	17,798	-
Konta Sp. Wereda	103,350	5,300	5,031	6,939	26,174	-	7,276	4,884	12,075	35,616	*
Silte	544,910	20,149	21,054	37,882	162,466	*	25,096	23,280	50,623	193,473	*
Alaba Sp. Wereda	163,909	6,498	6,419	7,974	52,753	*	7,788	10,261	16,841	54,617	*
Segen People	423,080	10,836	17,191	28,285	154,437	*	11,674	15,618	29,336	153,481	*
Gambela Region	280,561	11,358	15,731	19,984	36,856	*	14,813	23,671	33,127	123,879	1,114
Angnuwak	28,782	*	1,468	2,212	12,980	-	*	1,264	1,705	7,543	-
Nuware	215,471	8,535	11,277	14,490	21,457	-	12,551	18,699	27,064	100,463	*
Mezhenger	20,227	1,160	1,634	1,774	1,735	-	959	2,263	2,256	8,446	-
Itang Special	16,080	663	1,353	1,507	*	*	*	1,444	2,102	7,428	*
Harari	68,240	3,738	3,303	7,370	10,669	-	2,950	3,643	8,768	27,339	461
Hundene	68,240	3,738	3,303	7,370	10,669	-	2,950	3,643	8,768	27,339	461
Dire Dawa	52,716	2,817	2,829	6,567	7,546	*	3,082	2,402	6,503	19,869	994

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

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs & Over
Ethiopia	28,892,380	3,542,996	1,368,301	1,101,089	1,834,319	3,742,807	1,716,434	1,982,722	13,603,713
Tigray	1,637,697	184,709	81,300	53,287	87,074	186,010	107,697	138,244	799,376
North West Tigray	219,691	26,392	9,846	5,217	10,980	26,619	17,620	16,800	106,217
Central Tigray	387,751	41,692	18,588	13,689	17,368	42,976	22,294	37,928	193,216
Eastern Tigray	586,905	70,367	34,408	20,258	28,246	59,762	39,130	45,815	288,919
Southern Tigray	359,732	37,637	15,162	11,547	26,191	45,966	21,426	29,478	172,324
Western Tigray	83,618	8,621	3,295	2,576	4,288	10,688	7,227	8,223	38,699
Afar	1,732,090	128,661	65,605	66,486	114,367	181,362	119,477	191,381	864,752
Zone 1	933,327	70,762	37,222	41,704	60,087	92,389	67,022	99,807	464,333
Zone 3	798,763	57,899	28,383	24,782	54,280	88,972	52,455	91,573	400,418
Amhara	9,797,248	1,273,113	448,262	399,079	574,767	1,294,443	526,664	597,681	4,683,239
North Gondar	1,118,369	137,414	45,620	38,921	49,467	165,562	73,615	71,025	536,746
South Gondar	971,891	146,117	35,133	22,502	20,914	165,345	58,885	47,897	475,099
North Wolo	654,860	72,884	27,904	30,904	49,758	64,293	35,844	45,318	327,955
South Wolo	1,864,453	202,027	104,342	141,039	170,288	191,199	83,734	105,597	866,227
North Shewa	1,747,816	199,262	83,955	75,391	191,175	231,523	94,263	103,733	768,514
East Gojam	1,365,001	199,388	43,287	23,370	35,182	191,101	79,443	97,679	695,553
West Gojam	1,206,147	189,938	61,085	31,963	24,870	171,311	56,613	71,026	599,339
Waghamera	156,918	16,994	8,009	7,949	14,121	16,337	6,906	14,267	72,335
Awı	602,997	95,051	34,079	21,393	13,254	86,499	32,854	35,748	284,120
Oromia	99,377	13,483	4,541	5,060	5,293	10,510	3,615	5,112	51,764
Argoba Special	9,418	555	307	588	445	764	893	279	5,588
Oromia	9,486,687	1,299,340	474,692	330,993	482,003	1,382,253	584,459	574,768	4,358,178
West Wellega	270,603	40,388	16,626	6,673	8,112	45,246	23,118	14,007	116,434
East Wellega	217,502	38,224	11,313	5,989	7,454	33,956	12,927	13,685	93,955
Illubabor	409,028	62,238	18,643	11,258	18,967	59,491	23,631	21,084	193,715
Jimma	866,561	119,879	41,303	20,786	31,175	148,097	51,952	36,709	416,660
West Shewa	973,499	150,972	44,691	27,820	24,714	167,668	51,013	49,798	456,824
North Shewa	1,143,108	156,175	33,722	42,598	*	164,508	52,310	53,972	560,525
East Shewa	355,552	49,450	18,820	7,168	17,386	43,034	23,649	27,862	168,182
Arsi	1,572,330	194,083	86,132	67,136	115,246	224,809	98,659	90,776	695,489
West Harerghe	182,149	21,307	10,511	6,895	6,264	22,099	9,099	15,623	90,352
East Harerghe	468,211	61,330	24,820	23,910	31,098	56,753	28,894	24,587	216,819
Bale	298,293	36,431	21,996	*	16,494	43,208	20,781	27,140	122,054
Borena	343,674	33,589	19,165	12,234	32,498	34,963	23,871	28,737	158,616
South West Shewa	433,920	53,184	29,089	21,924	30,632	58,643	30,094	30,240	180,113
Guji	567,042	70,381	38,542	21,972	29,449	66,341	30,367	45,048	264,942
West Arsi	948,174	133,937	39,447	32,300	24,693	137,183	77,786	66,775	436,052
Kelem Wellega	233,306	43,576	9,566	8,163	5,005	41,288	13,028	15,461	97,219
Horoguduru Wellega	203,735	34,195	10,305	3,979	3,518	34,966	13,281	13,265	90,227

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	1,308,309	99,475	65,354	84,404	154,322	132,031	107,020	144,716	520,986
Shinele	45,700	3,773	2,066	2,033	4,922	4,504	3,224	4,929	20,249
Jijiga	863,758	63,395	46,710	64,036	107,310	83,008	68,686	97,990	332,623
Liben	398,850	32,307	16,577	18,335	42,090	44,519	35,110	41,798	168,115
Benshangul-Gumuz	97,934	16,359	5,993	3,595	4,997	14,316	6,214	7,717	38,744
Metekel	68,362	11,643	4,047	2,304	3,399	10,177	4,080	5,706	27,005
Asosa	14,829	2,310	1,141	*	693	1,590	1,105	865	6,488
Kemeshi	8,422	1,216	559	*	743	1,432	456	503	3,064
Mao komo	6,321	1,190	246	206	161	1,116	573	642	2,187
SNNP	4,703,558	527,767	221,605	158,046	408,274	537,005	254,681	311,830	2,284,350
Gurage	351,058	37,421	19,742	5,372	24,171	37,638	24,970	23,004	178,740
Hadiya	239,808	30,971	11,607	11,186	13,306	29,960	15,342	17,545	109,893
Kembata Tembaro	110,493	12,335	6,021	7,459	12,531	12,446	6,625	9,556	43,521
Sidama	531,132	82,029	25,902	13,060	6,170	74,906	29,076	30,061	269,929
Gedio	227,774	24,812	17,746	10,007	17,673	21,556	17,814	13,815	104,352
Wolayita	245,456	30,515	15,219	12,644	13,190	33,792	13,463	23,801	102,832
South Omo	*	*	*	*	*	*	*	*	*
Shaka	56,754	8,614	2,248	638	1,609	10,960	2,813	3,187	26,686
Kaffa	465,734	80,041	18,211	13,455	13,158	68,696	22,406	24,299	225,466
Gamo Gofa	451,955	48,819	19,869	17,599	19,222	48,053	26,197	43,989	228,208
Bench Maji	159,065	21,429	6,646	5,820	7,835	20,944	7,294	9,238	79,860
Yem Sp. Wereda	28,143	4,407	1,055	634	492	4,829	1,177	1,048	14,501
Dawro	95,574	13,470	5,320	4,326	5,742	11,363	5,826	9,847	39,680
Basketo Sp. Wereda	17,938	2,170	994	486	534	2,395	943	1,853	8,563
Konta Sp. Wereda	25,545	2,728	1,369	2,075	3,951	2,134	791	1,408	11,089
Silte	277,198	34,519	13,798	9,005	11,664	37,352	15,593	22,061	133,207
Alaba Sp. Wereda	55,246	7,865	3,278	1,484	3,048	6,588	4,414	3,668	24,902
Segen People	121,177	9,768	5,852	5,605	20,857	9,937	5,828	7,401	55,930
Gambela Region	44,285	4,023	1,567	2,418	4,528	4,940	2,807	6,619	17,383
Angnuwak	*	*	-	*	*	*	*	*	*
Nuware	34,476	3,004	1,302	1,757	2,474	3,465	2,458	6,073	13,942
Mezhenger	5,929	649	*	533	991	1,147	153	283	2,029
Itang Special	*	*	*	*	*	*	*	*	*
Harari	9,153	1,033	396	548	419	1,201	380	920	4,257
Hundene	9,153	1,033	396	548	419	1,201	380	920	4,257
Dire Dawa	75,419	8,516	3,527	2,233	3,569	9,247	7,034	8,846	32,448

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	29,704,958	3,447,375	1,461,337	1,238,466	2,297,051	841,440	2,054,382	2,283,444	3,081,463
Tigray	3,948,276	476,114	190,772	141,729	238,951	487,582	293,475	372,885	1,746,766
North West Tigray	1,922,107	234,427	82,994	63,417	96,908	250,736	153,614	198,276	841,735
Central Tigray	893,506	101,969	45,512	39,036	71,177	84,488	47,709	77,738	425,878
Eastern Tigray	224,724	23,420	13,877	10,630	12,455	24,253	18,513	17,223	104,354
Southern Tigray	355,995	41,961	19,383	13,861	28,311	45,711	25,661	25,913	155,194
Western Tigray	551,943	74,337	29,006	14,785	30,101	82,395	47,978	53,735	219,605
Afar	3,301,056	219,663	111,306	124,293	188,145	352,707	271,239	379,462	1,654,241
Zone 1	1,769,578	124,073	59,669	73,799	100,209	181,100	134,457	174,540	921,732
Zone 3	1,531,478	95,590	51,638	50,494	87,936	171,607	136,782	204,922	732,509
Amhara	6,085,912	826,547	318,634	305,533	507,506	896,265	396,722	379,762	2,454,943
North Gonder	1,767,857	244,543	102,966	87,513	88,247	280,707	145,149	135,621	683,111
South Gonder	554,086	77,650	26,018	20,254	45,243	90,163	25,222	22,980	246,555
North Wolo	510,097	65,322	22,460	16,653	44,364	69,718	35,951	44,606	211,023
South Wolo	812,473	102,704	33,451	45,985	94,617	108,836	43,514	41,733	341,633
North Shewa	817,496	105,092	48,016	72,284	111,975	106,401	42,636	50,047	281,045
East Gojam	508,984	92,507	21,891	12,773	36,195	86,733	24,070	18,634	216,182
West Gojam	355,190	52,501	26,845	14,982	31,738	53,971	25,527		134,709
Waghamera	398,867	31,016	18,129	18,820	35,000	35,665	34,769	33,961	191,506
Awi	153,218	26,671	10,814	7,246	7,338	26,200	9,503	7,778	57,668
Oromia	180,820	25,390	6,703	8,028	10,136	34,373	8,752	7,019	80,419
Argoba Special	26,823	3,151	1,341	995	2,653	3,497	1,630	2,465	11,092
Oromia	8,377,584	1,148,278	456,427	331,947	499,230	203,523	551,945	553,684	3,632,551
West Wellega	137,509	20,605	7,553	1,581	4,401	28,287	13,045	9,313	52,722
East Wellega	130,294	24,672	5,967	4,186	7,602	22,358	8,288	8,957	48,266
Illubabor	222,576	41,592	12,394	4,784	4,729	37,969	11,056	10,298	99,755
Jimma	457,311	85,751	19,735	7,781	7,686	82,047	20,151	26,118	208,042
West Shewa	434,531	70,766	26,825	12,115	16,561	81,691	26,391	25,958	174,224
North Shewa	318,756	49,113	9,803	12,282	19,024	50,327	21,196	19,207	137,804
East Shewa	599,916	85,054	32,245	23,939	29,764	80,020	45,373	46,739	256,782
Arsi	1,059,011	117,921	56,563			132,383			479,473
West Harerghe	890,226	121,282	49,042	41,556	54,327	119,458	65,302	60,164	379,096
East Harerghe	1,051,783	139,449	66,428	50,612	59,257	147,513	58,234	69,351	460,940
Bale	726,394	83,264	42,760	31,526	56,853	95,695	57,555	47,047	311,694
Borena	876,139	82,609	41,700	37,924	85,030	94,158	69,076	71,682	393,960
South West Shewa	376,552	67,214	25,666	13,205	23,477	51,955	16,704	26,339	151,992
Guji	423,698	48,910	20,342	14,229	30,322	64,010	32,007	24,039	189,840
West Arsi	404,220	61,365	24,091	12,454	12,572	61,265	25,199	22,626	184,648
Kelem Wellega	122,086	24,219	5,823	2,369		24,740	7,467	8,497	47,660
Horoguduru Wellega	146,582	24,490	9,491	6,215	5,678	29,646	7,881	7,526	55,655

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	1,835,811	138,737	81,996	110,709	189,843	208,871	140,734	202,092	762,828
Shinele	121,420	9,906	5,481	4,610	9,778	14,272	9,519	13,721	54,133
Jijiga	612,304	53,043	31,973	47,093	64,643	60,404	42,494	64,480	248,173
Liben	1,102,088	75,787	44,541	59,006	115,423	134,195	88,721	123,891	460,523
Benshangul-Gumuz	448,635	67,013	24,451	14,962	21,008	73,445	38,837	39,639	169,281
Metekel	213,642	34,399	12,410	6,182	9,929	37,879	15,052	18,922	78,869
Asosa	172,271	23,460	7,929	6,811	8,483	24,750	17,716	16,296	66,825
Kemeshi	44,307	6,175	2,816	1,490	2,110	7,630	3,826	2,847	17,413
Mao Komo	18,415	2,980	1,295	478	486	3,186	2,244	1,573	6,173
SNNP	5,343,072	533,331	254,432	193,561	630,621	579,137	329,863	319,502	2,502,626
Gurage	153,704	19,893	9,443	7,262	14,769	16,123	9,553	10,776	65,885
Hadiya	169,414	19,892	10,668	11,702	12,700	20,145	10,858	14,196	69,254
Kembata Tembaro	52,051	6,904	1,587	1,366	3,606	7,990	2,743	4,899	22,957
Sidama	300,716	37,771	13,462	14,334	38,927	30,876	16,119	13,950	135,276
Gedio									
Wolayita	133,437	18,105	8,643	5,230	4,630	17,589	12,230	10,005	57,005
South Omo	3,084,232	229,856	133,028	101,380	459,142	293,822	194,650	173,534	1,498,820
Shaka	21,206	3,907	878	534	963	3,510	1,657		9,515
Kaffa	268,713	51,390	13,477	8,176	5,567	39,854	16,008	13,424	120,817
Gamo Gofa	379,174	56,571	18,134	17,807	21,306	47,555	17,011	24,681	176,110
Bench Maji	87,314	10,823	4,833	2,371	2,439	13,587	5,938	4,724	42,598
Yem Sp. Wereda	38,687	6,217	1,602	700	1,189	6,082	2,247	1,870	18,781
Dawro	57,613	9,825	3,892	1,793	7,078	7,577	3,563	5,424	18,462
Basketo Sp. Wereda	10,206	988	672		1,227	1,492	654	526	4,285
Konta Sp. Wereda	15,042	1,655	930	1,039	945	2,385	1,180	1,821	5,087
Silte	205,416	27,685	11,340	5,355	12,562	32,325	13,142	12,291	90,716
Alaba Sp. Wereda	68,169	8,994	3,578	2,028	3,998	10,233	4,370	4,888	30,080
Segen People	281,432	20,769	17,897	11,860	38,325	26,328	17,546	21,603	127,105
Gambela Region	94,184	9,435	6,629	3,284	6,633	10,202	9,769	9,025	39,207
Angnuwak	24,464	2,475	1,923	710	1,799	2,380	3,551	2,277	9,351
Nuware	59,067	5,681	3,122	2,067	4,371	7,225	5,144	5,629	25,828
Mezhenger	4,326	695	563	390		292			1,227
Itang Special	6,327	585				305		616	2,801
Harari	67,721	7,781	4,337	2,919	5,153	7,641	4,429	3,645	31,817
Hundene	67,721	7,781	4,337	2,919	5,153	7,641	4,429	3,645	31,817
Dire Dawa	202,707	20,475	12,354	9,528	9,960	22,068	17,369	23,749	87,203

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	2,082,203	190,817	838,308	191,230	861,849	7,881,394	917,536	2,801,054	885,945	3,276,859
Tigray	2,168	*	1,468	*	*	802,807	89,481	325,402	85,644	302,280
North West Tigray	-	-	-	-	-	252,051	34,275	71,518	37,802	108,455
Central Tigray	-	-	-	-	-	182,837	18,020	74,409	13,110	77,298
Eastern Tigray	*	-	*	-	-	130,963	14,815	61,988	12,431	41,729
Southern Tigray	*	-	*	-	-	165,890	16,512	70,261	17,631	61,485
Western Tigray	*	*	*	*	*	71,067	5,859	47,227	4,670	13,312
Afar	-	-	-	-	-	133,481	18,201	35,619	16,764	62,896
Zone 1	-	-	-	-	-	58,816	10,425	16,475	8,196	23,720
Zone 3	-	-	-	-	-	74,665	7,776	19,144	8,568	39,176
Amhara	471,611	40,918	144,442	43,166	243,086	2,829,592	375,040	870,168	370,591	1,213,793
North Gonder	32,226	*	11,185	*	*	454,024	51,002	176,946	55,451	170,625
South Gonder	33,539	4,007	*	*	15,588	329,814	52,575	56,782	48,395	172,062
North Wolo	29,444	3,042	6,985	2,632	16,785	206,089	30,611	52,350	23,079	100,049
South Wolo	78,167	3,427	13,555	6,513	54,672	477,859	65,734	138,742	54,820	218,563
North Shewa	53,989	6,761	9,008	10,358	27,862	422,108	50,610	177,244	42,525	151,730
East Gojam	102,003	9,092	46,042	7,690	39,179	420,535	56,859	118,962	62,093	182,621
West Gojam	*	2,964	*	*	*	300,221	43,341	74,098	52,328	130,454
Waghamera	*	-	*	-	-	83,306	7,816	38,062	7,555	29,873
Awi	95,768	8,512	37,966	6,521	42,769	85,998	10,837	23,913	17,793	33,455
Oromia	*	-	*	-	-	46,351	5,309	11,877	6,214	22,951
Argoba Special	-	-	-	-	-	3,288	346	1,193	339	1,410
Oromia	1,242,071	124,783	526,317	119,687	471,283	3,214,317	354,319	1,168,876	349,763	1,341,359
West Wellega	*	-	*	*	818	133,495	16,969	29,167	19,199	68,160
East Wellega	*	*	*	*	*	92,257	9,958	37,000	12,067	33,232
Illubabor	60,474	7,654	20,358	6,503	25,959	41,786	3,999	12,430	6,188	19,170
Jimma	96,782	8,307	35,535	*	42,073	77,767	6,953	41,200	4,320	25,293
West Shewa	151,963	17,575	67,379	16,607	50,403	254,862	31,285	86,680	36,304	100,593
North Shewa	84,467	11,171	18,551	12,828	41,917	288,011	41,666	71,274	40,355	134,715
East Shewa	16,952	*	16,428	-	-	336,766	32,406	139,595	28,998	135,767
Arsi	239,625	23,201	91,528	25,217	99,678	463,231	50,958	161,200	47,481	203,591
West Harerghe	-	-	-	-	-	216,819	19,189	86,975	22,816	87,839
East Harerghe	*	-	*	-	-	272,535	31,510	91,909	27,922	121,194
Bale	90,685	*	53,448	*	24,796	239,705	26,444	107,013	23,124	83,125
Borena	874	*	*	-	-	73,762	6,354	34,285	5,860	27,264
South West Shewa	65,139	4,193	48,445	2,627	9,874	229,197	26,785	79,677	23,012	99,724
Guji	168,299	14,854	72,107	10,221	71,118	97,997	10,038	43,732	7,098	37,129
West Arsi	204,454	21,883	79,313	20,533	82,724	258,862	24,369	91,057	29,555	113,881
Kelem Wellega	13,650	1,918	3,960	*	*	51,179	3,895	27,163	4,207	15,913
Horoguduru Wellega	42,167	5,532	16,392	6,032	14,211	86,085	11,540	28,519	11,257	34,769

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	-	-	-	-	-	148,724	14,686	67,665	10,025	56,348
Shinele	-	-	-	-	-	7,358	774	3,106	587	2,890
Jijiga	-	-	-	-	-	69,948	7,434	27,406	5,803	29,305
Liben	-	-	-	-	-	71,418	6,478	37,153	3,635	24,153
Benshangul-Gumuz	*	*	*	-	*	76,558	8,126	44,941	6,447	17,044
Metekel	*	*	*	-	*	41,674	3,431	29,590	1,805	6,847
Asosa	-	-	-	-	-	28,118	4,064	10,843	4,292	8,919
Kemeshi	-	-	-	-	-	5,187	*	3,866	*	737
Mao Komo	-	-	-	-	-	1,580	156	642	241	540
SNNP	363,841	24,803	164,230	28,216	146,592	641,163	53,671	274,793	42,984	269,716
Gurage	49,827	*	18,964	2,581	25,509	95,306	6,814	37,683	5,627	45,182
Hadiya	29,626	*	14,037	*	12,731	111,247	13,628	38,862	8,370	50,387
Kembata Tembaro	8,796	*	4,351	*	3,582	35,303	1,510	27,509	*	6,003
Sidama	50,081	*	28,406	*	17,161	71,128	*	51,324	*	13,199
Gedio	18,573	*	11,971	*	*	3,490	*	2,070	*	*
Wolayita	*	-	*	-	-	36,585	3,235	28,793	*	*
South Omo	21,109	*	*	*	7,354	26,215	4,153	7,177	3,042	11,843
Shaka	10,879	*	5,227	1,100	3,216	2,216	-	1,967	*	*
Kaffa	80,817	8,788	38,109	8,223	25,697	870	-	*	-	*
Gamo Gofa	41,478	2,751	9,848	6,279	22,600	60,124	3,448	25,890	3,572	27,213
Bench Maji	10,793	902	3,625	1,402	4,864	*	-	*	-	-
Yem Sp. Wereda	442	*	*	*	310	4,937	471	1,302	783	2,381
Dawro	5,695	500	3,007	*	1,721	3,371	*	2,707	-	549
Basketo Sp. Wereda	513	*	426	-	*	1,257	*	543	143	496
Konta Sp. Wereda	*	*	*	-	*	1,922	*	1,425	*	*
Silte	28,374	1,486	10,267	*	15,063	108,913	10,434	19,753	8,748	69,977
Alaba Sp. Wereda	2,005	-	*	*	923	37,760	3,499	6,278	3,692	24,290
Segen People	3,261	*	1,705	*	*	39,477	3,120	19,784	3,121	13,452
Gambela Region	1,111	-	1,068	-	*	*	*	*	-	-
Angnuwak	-	-	-	-	-	*	*	*	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	1,111	-	1,068	-	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	13,696	1,048	7,375	943	4,329
Hundene	-	-	-	-	-	13,696	1,048	7,375	943	4,329
Dire Dawa	*	-	*	-	*	19,772	2,924	4,970	2,784	9,094

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	405,950	26,059	169,576	28,404	181,910	1,228,023	137,473	279,951	171,426	639,174
Tigray	7,536	*	*	*	3,748	59,846	*	47,645	*	*
North West Tigray	*	-	-	-	*	21,720	*	19,841	-	*
Central Tigray	1,338	-	*	-	1,084	4,457	*	4,188	-	-
Eastern Tigray	*	-	*	-	*	-	-	-	-	-
Southern Tigray	*	-	*	-	*	25,304	*	15,668	*	*
Western Tigray	*	*	*	*	532	8,365	*	7,948	-	-
Afar	*	-	*	-	*	460,624	38,562	62,707	73,547	285,809
Zone 1	-	-	-	-	-	169,076	19,043	38,497	27,589	83,946
Zone 3	*	-	*	-	*	291,549	19,519	24,209	45,958	201,863
Amhara	177,544	18,501	59,018	19,033	80,992	63,500	6,541	55,736	*	*
North Gonder	7,178	*	4,315	-	2,340	*	-	*	-	*
South Gonder	15,601	*	5,910	*	8,154	-	-	-	-	-
North Wolo	12,324	*	4,324	*	5,796	17,422	*	15,004	-	-
South Wolo	39,567	3,810	13,317	5,493	16,947	17,808	*	16,899	-	-
North Shewa	12,891	*	4,405	*	6,358	14,470	*	13,414	-	-
East Gojam	20,908	5,514	7,002	*	6,743	-	-	-	-	-
West Gojam	43,768	*	5,687	*	27,748	-	-	-	-	-
Waghamera	2,975	-	1,731	-	1,243	-	-	-	-	-
Awi	22,334	3,289	12,329	*	5,664	-	-	-	-	-
Oromia	-	-	-	-	-	10,672	*	7,917	*	-
Argoba Special	-	-	-	-	-	565	*	536	-	*
Oromia	152,178	5,704	68,980	7,024	70,470	272,344	49,032	33,311	42,831	147,170
West Wellega	3,697	*	1,534	*	1,745	-	-	-	-	-
East Wellega	4,688	-	1,404	-	3,284	-	-	-	-	-
Illubabor	13,930	*	5,378	*	7,617	-	-	-	-	-
Jimma	17,644	*	4,124	*	11,126	-	-	-	-	-
West Shewa	11,720	*	5,248	*	4,847	-	-	-	-	-
North Shewa	5,301	*	*	*	2,245	-	-	-	-	-
East Shewa	7,153	-	7,153	-	-	*	*	*	*	*
Arsi	24,605	*	9,662	*	11,962	*	*	*	*	*
West Harerghe	*	-	*	-	*	40,337	6,102	*	8,363	21,255
East Harerghe	*	-	-	-	*	35,167	7,210	2,886	6,033	19,038
Bale	17,272	-	11,037	*	5,636	29,639	5,653	4,749	4,836	14,401
Borena	2,102	*	1,217	-	*	75,622	10,204	13,435	11,342	40,642
South West Shewa	8,909	*	4,623	-	4,023	-	-	-	-	-
Guji	16,291	*	8,852	*	6,573	*	*	4,917	*	*
West Arsi	7,094	-	*	*	4,482	*	*	-	-	-
Kelem Wellega	6,937	*	3,805	*	2,818	-	-	-	-	-
Horoguduru Wellega	2,755	-	974	*	1,598	-	-	-	-	-

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	*	-	-	-	*	362,291	36,148	78,328	51,106	196,708
Shinele	-	-	-	-	-	8,012	1,169	1,946	1,080	3,816
Jijiga	-	-	-	-	-	100,639	10,164	23,790	15,448	51,237
Liben	*	-	-	-	*	253,640	24,815	*	34,578	141,655
Benshangul-Gumuz	1,989	*	*	-	944	*	*	-	-	-
Metekel	1,932	*	*	-	887	*	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	*	-	-	-	*	-	-	-	-	-
Mao komo	*	-	-	-	*	-	-	-	-	-
	65,890	1,635	36,691	2,284	25,280	-	-	-	-	-
SNNP	*	*	*	*	*	-	-	-	-	-
Gurage	5,755	*	2,884	*	2,288	-	-	-	-	-
Hadiya	1,055	*	*	-	535	-	-	-	-	-
Kembata Tembaro	*	-	*	-	2,775	-	-	-	-	-
Sidama	3,606	-	2,191	*	1,179	-	-	-	-	-
Gedio	*	-	*	*	*	-	-	-	-	-
Wolayita	5,110	-	1,773	*	3,013	-	-	-	-	-
South Omo	980	-	*	-	*	-	-	-	-	-
Shaka	11,485	*	8,319	-	2,956	-	-	-	-	-
Kaffa	13,513	*	7,700	*	4,974	-	-	-	-	-
Gamo Gofa	1,117	-	*	*	738	-	-	-	-	-
Bench Maji	*	-	*	-	-	-	-	-	-	-
Yem Sp. Wereda	6,354	261	3,344	*	2,538	-	-	-	-	-
Dawro	758	*	441	-	285	-	-	-	-	-
Basketo Sp. Wereda	1,776	-	747	*	978	-	-	-	-	-
Konta Sp. Wereda	1,541	-	*	-	*	-	-	-	-	-
Silte	*	*	-	-	*	-	-	-	-	-
Alaba Sp. Wereda	1,766	*	*	-	*	-	-	-	-	-
Segen People	*	-	*	-	*	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	*	-	*	-	*	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	*	*	*	*	1,760
Hundene	-	-	-	-	-	*	*	*	*	1,760
Dire Dawa	-	-	-	-	-	5,740	923	1,956	768	2,093

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	36,864,080	14,295,141	409,869	735,662	542,904	6,742,217	214,423	100,613	12,844,412	978,838
Tigray	2,850,580	1,326,165	3,093	41,061	10,774	60,909	14,348	4,808	1,378,303	11,118
North West Tigray	1,059,992	453,674	*	16,194	5,445	*	3,850	*	550,599	*
Central Tigray	529,586	301,834	-	*	*	13,163	3,841	-	209,080	*
Eastern Tigray	280,123	149,821	*	1,509	2,697	*	*	*	115,546	*
Southern Tigray	501,719	260,188	-	*	*	20,375	*	*	213,705	*
Western Tigray	479,161	160,648	*	20,062	*	2,378	1,694	*	289,374	*
Afar	872,568	61,580	3,505	48,535	5,013	273,468	1,604	*	478,178	-
Zone 1	526,707	39,670	*	19,549	*	182,678	*	-	279,966	-
Zone 3	345,861	21,911	1,710	28,986	*	90,790	*	*	198,212	-
Amhara	10,148,512	4,959,395	59,944	54,471	148,327	348,645	140,234	21,632	4,210,331	205,534
North Gondar	2,160,598	936,616	*	17,842	38,164	115,958	10,175	*	969,591	63,788
South Gondar	1,153,998	567,873	*	5,447	3,745	*	27,011	*	514,754	*
North Wolo	566,450	290,687	*	*	*	11,488	10,394	*	236,108	7,375
South Wolo	1,182,542	656,892	*	*	9,072	50,665	18,922	1,941	427,864	12,477
North Shewa	1,042,710	615,481	*	4,454	25,698	33,345	4,489	1,769	325,985	28,670
East Gojam	1,345,715	689,098	8,887	4,634	16,006	15,043	31,585	1,761	548,497	30,204
West Gojam	1,539,336	733,714	29,224	4,425	35,956	46,225	15,725	6,848	622,292	44,928
Waghamera	242,096	114,474	*	3,641	*	16,417	2,008	-	104,033	*
Awii	727,746	265,569	6,568	6,688	12,341	16,155	19,327	5,925	379,178	15,995
Oromia	172,088	81,214	*	*	*	*	*	-	75,393	*
Argoba Special	15,234	7,777	26	*	51	693	*	-	6,638	*
Oromia	14,851,561	5,979,800	238,331	239,137	201,917	2,656,014	45,711	51,028	5,118,454	321,170
West Wellega	675,499	260,293	8,106	*	12,402	20,194	*	*	346,864	21,454
East Wellega	594,119	231,161	3,875	4,187	8,019	25,717	5,500	735	300,477	14,449
Illubabor	723,772	301,822	4,642	4,200	4,664	121,520	6,193	*	265,480	14,736
Jimma	1,442,916	618,910	*	*	30,060	294,378	*	*	426,838	38,365
West Shewa	1,368,672	650,446	30,782	6,918	22,009	90,569	*	3,150	535,153	28,286
North Shewa	1,062,399	532,387	14,489	9,934	4,640	141,474	*	*	347,513	9,011
East Shewa	766,650	416,704	*	6,321	10,674	154,362	*	*	146,755	24,035
Arsi	1,723,550	780,178	15,220	37,985	29,594	384,791	4,733	*	431,642	28,342
West Harerghe	592,675	225,003	20,586	*	3,073	56,694	*	*	274,017	7,579
East Harerghe	548,129	101,129	32,725	*	*	63,907	*	*	338,523	5,685
Bale	992,280	405,703	*	4,577	32,319	369,281	4,234	1,665	122,078	47,397
Borena	636,165	86,559	*	70,559	*	123,961	*	1,954	327,694	*
South West Shewa	786,032	427,604	10,933	*	4,660	85,860	*	*	241,784	*
Guji	924,765	230,958	30,144	39,231	*	241,972	2,636	*	348,433	*
West Arsi	1,238,668	364,819	7,753	*	20,650	460,752	*	*	311,798	39,350
Kelem Wellega	348,551	158,009	3,760	1,480	*	*	1,889	*	166,523	7,595
Horoguduru Wellega	426,719	188,114	3,414	4,418	6,446	18,877	8,656	*	186,882	8,413

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	352,582	49,940	7,058	31,543		149,344			110,051	3,028
Shinele	8,969	881	630			3,326			3,855	
Jijiga	204,020	42,384		4,908		121,137			30,831	
Liben	139,593	6,676				24,881			75,365	
Benshangul-Gumuz	447,933	176,483	1,962	8,025		12,682	5,919	636	230,431	7,405
Metekel	368,513	149,932	1,737	7,629		7,199	3,306	464	187,129	
Asosa	50,467	16,685				3,731			26,960	
Kemeshi	23,176	7,531		284		1,558			13,302	
Mao komo	5,776	2,335		113		193			3,040	
SNNP	7,114,185	1,715,329	88,379		170,299	217,845	6,268	21,257		429,406
Gurage	537,728	134,664	3,953	6,605	17,593	305,269		925	17,056	50,459
Hadiya	553,494	189,135		4,831	15,536	280,937				40,308
Kembata Tembaro	233,898	69,037	1,099	732	8,249	129,943	693			23,238
Sidama	1,127,467	54,683	11,039	10,526	22,073	803,194			143,681	71,069
Gedio	78,686	10,132	23,341	3,908		18,930		2,549	18,432	
Wolayita	484,550	132,447			26,839	252,880		982	5,760	62,490
South Omo		119,276			17,102	236,700				31,730
Shaka	74,963	22,410				40,031			9,975	
Kaffa	543,612	217,040	4,308			232,640			81,211	3,942
Gamo Gofa	778,044	240,379	8,979	2,969	28,373	409,081				75,315
Bench Maji	207,247	85,879				94,102			24,307	
Yem Sp. Wereda	53,705	24,040	758	608	2,410	9,799	231		10,785	4,918
Dawro	180,741	51,710			9,006	92,134		790	7,290	16,367
Basketo Sp. Wereda	30,237	11,497	227		682	16,708				940
Konta Sp. Wereda	61,790	24,242			1,260	32,310			401	2,601
Silte	355,939	151,261			7,235	158,696			12,148	22,058
Alaba Sp. Wereda	107,370	49,624			3,060	44,944				9,282
Segen People	307,919	127,873	6,419	11,661	8,484	59,547			79,735	13,878
Gambela Region	160,735	13,667	3,449	19,135	604	15,732			107,428	
Angnuwak	20,523	12,114				4,933			2,475	
Nuware	121,920			18,265					99,864	
Mezhenger	10,181	1,539				7,633			639	
Itang Special	8,111									
Harari	38,008	7,031	2,761	783		5,622			21,142	389
Hundene	38,008	7,031	2,761	783		5,622			21,142	389
Dire Dawa	27,416	5,750	1,388			1,956			17,257	537

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	15,438,032	704,232	15,458	1,048,719	65,911	67,362	75,412	13,401,132	59,808
Tigray	886,450	8,669	*	75,655	*	1,302	3,952	791,344	2,777
North West Tigray	117,198	*	-	10,020	-	-	-	106,217	-
Central Tigray	210,584	*	-	15,920	*	-	679	192,537	-
Eastern Tigray	317,165	2,467	-	24,614	*	1,302	457	285,537	1,623
Southern Tigray	198,516	3,773	*	21,473	*	-	1,346	169,824	1,154
Western Tigray	42,987	*	*	3,628	-	-	1,470	37,229	-
Afar	979,119	*	*	91,915	*	776	3,908	860,067	-
Zone 1	524,421	*	*	53,785	*	342	1,078	462,913	-
Zone 3	454,698	*	-	38,131	*	434	2,830	397,155	-
Amhara	5,258,006	288,064	*	248,243	34,121	29,709	27,700	4,590,304	35,527
North Gondar	586,213	*	*	*	*	3,875	1,141	531,730	-
South Gondar	496,013	12,131	-	7,431	*	1,870	2,614	467,505	3,110
North Wolo	377,712	15,025	-	27,319	*	-	413	326,455	1,087
South Wolo	1,036,515	64,356	*	92,581	10,276	3,289	3,758	856,069	3,110
North Shewa	959,689	122,892	*	67,260	*	3,245	9,007	754,410	1,852
East Gojam	730,734	22,899	-	9,622	*	6,856	2,822	664,523	21,352
West Gojam	624,210	19,648	-	5,222	-	8,166	5,770	583,257	2,146
Waghamera	86,456	3,966	-	10,155	-	792	-	71,544	-
Awi	297,374	5,271	-	6,800	*	1,616	2,175	277,550	2,780
Oromia	57,057	1,674	-	2,694	*	-	-	51,683	81
Argoba Special	6,033	88	-	274	83	-	-	5,578	10
Oromia	4,840,182	246,218	*	212,469	15,356	18,906	32,082	4,292,344	14,846
West Wellega	124,546	1,884	-	5,618	*	2,057	824	112,955	599
East Wellega	101,409	3,227	*	2,900	*	119	1,106	91,533	1,197
Illubabor	212,682	11,831	*	6,755	*	527	2,260	190,420	508
Jimma	447,835	21,911	-	9,264	-	406	398	415,526	332
West Shewa	481,538	15,640	*	8,398	-	1,261	1,460	454,104	-
North Shewa	639,823	*	-	20,086	*	583	5,397	551,579	2,966
East Shewa	185,568	6,147	-	10,652	*	214	-	166,864	1,104
Arsi	810,735	51,488	*	52,973	4,393	6,606	12,571	671,155	5,156
West Harerghe	96,616	*	-	3,049	*	-	275	90,076	-
East Harerghe	247,918	26,865	-	*	1,246	1,457	640	214,288	435
Bale	138,549	7,021	-	9,474	-	1,524	2,359	117,172	999
Borena	191,114	*	*	23,172	-	926	821	156,869	-
South West Shewa	210,745	22,569	-	8,063	-	2,155	-	177,958	-
Guji	294,391	2,422	-	27,027	-	699	-	263,943	300
West Arsi	460,745	*	-	*	*	-	2,003	433,124	925
Kelem Wellega	102,224	1,880	-	3,125	-	-	1,004	96,215	-
Horoguduru Wellega	93,745	1,773	*	1,085	*	372	965	88,564	326

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	675,308	49,622	*	103,077	*	10,583	4,501	504,424	1,479
Shinele	25,171	3,283	*	1,607	-	41	347	19,861	-
Jijiga	439,933	44,877	*	61,145	*	9,715	1,141	321,223	543
Liben	210,204	*	*	40,325	*	827	3,013	163,339	936
Benshangul-Gumuz	43,741	1,656	*	2,728	*	538	491	37,715	-
Metekel	30,405	*	*	1,751	-	538	369	26,098	-
Asosa	7,181	*	-	*	*	-	-	6,488	-
Kemeshi	3,807	*	*	426	*	-	86	2,978	-
Mao Komo	2,348	-	-	146	*	-	36	2,151	-
SNNP	2,692,624	90,601	*	*	6,071	5,491	2,731	2,271,073	5,055
Gurage	202,912	8,306	-	13,228	*	-	-	178,023	718
Hadiya	123,198	2,581	-	10,725	-	1,110	876	107,599	307
Kembata Tembaro	56,052	8,621	*	3,770	-	122	534	42,454	411
Sidama	276,098	*	-	3,720	-	-	-	269,929	-
Gedio	122,024	8,690	-	8,983	-	209	-	103,977	165
Wolayita	116,022	5,526	*	5,390	*	964	239	99,999	1,631
South Omo	*	*	-	*	*	703	671	625,451	168
Shaka	28,295	*	-	1,014	-	71	-	26,615	-
Kaffa	238,625	5,178	-	7,980	-	1,164	217	223,066	1,020
Gamo Gofa	247,430	10,585	-	7,852	*	-	-	228,208	-
Bench Maji	87,695	4,904	-	2,826	*	439	70	79,250	102
Yem Sp. Wereda	14,993	237	-	*	-	105	64	14,332	-
Dawro	45,422	1,634	-	3,767	*	213	-	39,072	395
Basketo Sp. Wereda	9,097	185	-	349	-	-	-	8,563	-
Konta Sp. Wereda	15,040	*	*	1,762	-	47	61	10,982	-
Silte	144,871	*	-	10,827	-	-	-	133,207	-
Alaba Sp. Wereda	27,950	*	-	2,831	-	75	-	24,827	-
Segen People	76,786	4,660	-	16,196	-	269	-	55,522	138
Gambela Region	21,910	1,704	*	2,789	*	56	48	17,155	124
Angnuwak	*	*	-	*	-	-	-	394	-
Nuware	16,416	*	-	2,274	-	42	33	13,742	124
Mezhenger	3,020	*	-	*	*	-	-	2,029	-
Itang Special	*	-	*	*	-	14	14	989	-
Harari	4,676	*	-	*	*	-	-	4,257	-
Hundene	4,676	*	-	*	*	-	-	4,257	-
Dire Dawa	36,016	2,840	*	690	-	-	-	32,448	-

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	15,378,514	691,158	1,527,827	78,066	48,773	1,338,879	11,653,154	40,656
Tigray	1,985,718	28,114	194,934	15,904	3,019	2,590	1,729,945	*
North West Tigray	938,643	8,045	79,681	9,182	*	*	829,114	*
Central Tigray	497,055	9,980	59,930	*	*	*	425,072	-
Eastern Tigray	116,809	*	9,520	*	*	-	103,965	-
Southern Tigray	183,505	5,877	20,631	1,803	*	*	153,545	*
Western Tigray	249,706	*	25,172	*	*	*	218,248	*
Afar	1,842,386	26,354	144,714	*	3,528	421,213	1,229,413	*
Zone 1	1,021,941	*	89,872	*	*	188,034	732,189	-
Zone 3	820,445	*	54,842	*	*	233,179	497,223	*
Amhara	2,962,449	294,130	189,351	24,026	8,473	11,656	2,422,826	11,989
North Gondar	771,359	38,922	43,585	*	*	*	679,884	*
South Gondar	291,798	37,481	6,447	*	*	*	244,584	*
North Wolo	255,386	16,052	24,527	*	2,303	-	208,087	*
South Wolo	436,250	52,162	34,238	*	*	*	338,102	*
North Shewa	393,020	79,772	*	*	*	*	276,965	*
East Gojam	252,377	21,045	*	*	*	-	213,386	*
West Gojam	166,447	27,039	4,699	-	-	-	131,051	*
Waghamera	226,506	10,635	23,401	*	*	*	186,354	*
Awi	65,006	5,083	1,508	*	*	-	57,411	-
Oromia	90,555	4,637	5,360	*	-	*	76,170	*
Argoba Special	13,745	1,301	1,114	238	*	*	10,830	*
Oromia	4,131,781	194,896	298,256	6,078	12,158	365,149	3,248,785	6,460
West Wellega	57,123	*	3,398	-	*	-	52,560	-
East Wellega	55,867	4,869	2,326	*	-	-	47,800	*
Illubabor	104,484	1,445	3,101	*	*	*	96,306	*
Jimma	215,727	5,279	*	-	*	*	206,256	*
West Shewa	190,785	*	9,119	-	1,429	*	169,783	-
North Shewa	156,828	12,119	6,905	-	*	-	137,156	-
East Shewa	286,545	7,107	22,656	-	-	*	249,590	-
Arsi	560,110	14,899	*	*	*	*	291,297	*
West Harerghe	433,423	28,183	24,495	*	-	*	374,535	*
East Harerghe	520,197	51,750	7,260	*	*	3,764	455,745	*
Bale	368,547	16,944	39,909	-	4,196	73,020	233,560	*
Borena	478,990	12,657	72,373	-	*	29,035	364,660	-
South West Shewa	175,468	18,689	4,495	*	*	*	149,941	-
Guji	220,162	*	23,495	*	*	21,480	166,771	*
West Arsi	197,220	*	9,481	*	*	32,143	150,288	*
Kelem Wellega	48,971	*	*	-	-	*	47,159	-
Horoguduru Wellega	61,333	*	2,517	*	*	*	55,377	-

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	952,672	36,697	152,252	*	9,465	73,925	676,984	*
Shinele	63,911	6,175	3,584	*	-	3,603	50,530	-
Jijiga	312,816	27,706	36,726	*	*	21,738	219,520	*
Liben	575,945	*	111,942	*	*	48,584	406,933	*
Benshangul-Gumuz	190,289	6,503	11,436	*	1,148	*	167,401	*
Metekel	88,798	1,702	5,157	*	*	*	78,123	-
Asosa	75,309	*	4,262	-	*	*	65,834	-
Kemeshi	19,523	*	1,607	-	*	-	17,335	*
Mao Komo	6,659	76	410	-	*	*	6,109	-
SNNP	3,133,247	91,730	527,973	10,917	10,761	458,863	2,024,702	*
Gurage	80,654	2,649	11,917	*	*	*	64,869	*
Hadiya	81,954	3,051	8,770	*	*	*	60,017	*
Kembata Tembaro	26,562	*	1,832	*	*	985	21,604	*
Sidama	174,204	*	16,835	*	-	45,856	89,420	-
Gedio	*	*	*	-	-	-	*	-
Wolayita	61,635	*	2,968	*	*	*	53,350	*
South Omo	1,957,962	*	414,092	*	*	379,205	1,106,910	*
Shaka	10,478	699	*	-	-	*	9,142	-
Kaffa	126,384	*	*	-	*	*	119,314	*
Gamo Gofa	197,415	4,689	15,046	*	-	*	175,458	*
Bench Maji	45,037	1,995	444	-	*	-	41,843	-
Yem Sp. Wereda	19,970	558	*	-	*	*	18,688	-
Dawro	25,540	*	2,843	*	272	*	17,909	-
Basketo Sp. Wereda	5,512	*	548	-	-	-	4,285	-
Konta Sp. Wereda	6,032	*	895	-	-	-	5,087	-
Silte	103,278	1,845	10,537	*	*	16,198	73,618	*
Alaba Sp. Wereda	34,078	*	3,916	-	-	*	27,757	*
Segen People	165,430	4,288	31,578	*	*	1,217	125,559	-
Gambela Region	45,840	*	6,199	-	*	*	38,831	*
Angnuwak	11,150	*	1,703	-	-	-	9,248	*
Nuware	30,199	-	4,371	-	*	*	25,676	-
Mezhenger	1,642	*	*	-	*	-	1,142	-
Itang Special	2,849	-	*	-	-	*	2,766	-
Harari	36,969	4,216	937	-	*	1,446	30,245	*
Hundene	36,969	4,216	937	-	*	1,446	30,245	*
Dire Dawa	97,163	8,084	1,776	*	-	*	84,025	-

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	1,700,157	722,288	107,475	8,545	537,704	136,536	187,608
Tigray	1,909	1,468	-	-	*	-	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-
Southern Tigray	*	*	-	-	-	-	-
Western Tigray	*	*	-	-	*	-	*
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	387,527	52,592	89,071	2,778	54,416	112,555	76,115
North Gondar	24,576	*	*	-	3,879	*	*
South Gondar	28,755	*	*	*	*	*	*
North Wolo	23,770	*	*	*	*	*	*
South Wolo	68,227	7,130	*	-	13,365	*	18,009
North Shewa	36,870	8,058	*	-	24,612	*	*
East Gojam	85,221	21,557	24,021	*	7,908	17,053	14,219
West Gojam	*	1,748	*	-	*	*	*
Waghamera	*	*	*	-	-	-	-
Awi	80,735	3,690	34,276	-	-	40,629	2,140
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
Oromia	997,600	512,746	11,869	*	375,005	19,754	76,523
West Wellega	1,411	*	-	-	818	-	-
East Wellega	*	*	-	-	*	-	-
Illubabor	46,317	20,041	*	-	16,414	*	9,344
Jimma	77,608	34,060	*	*	14,063	*	26,752
West Shewa	117,782	60,336	*	-	22,615	*	15,457
North Shewa	60,469	17,729	*	*	36,007	*	*
East Shewa	16,428	16,428	-	-	-	-	-
Arsi	191,206	90,571	*	*	97,062	*	*
West Harerghe	-	-	-	-	-	-	-
East Harerghe	*	*	-	-	-	-	-
Bale	78,244	53,016	*	-	24,596	-	*
Borena	*	*	-	-	-	-	-
South West Shewa	58,319	46,784	*	-	9,406	-	*
Guji	143,224	72,107	-	-	65,878	-	*
West Arsi	162,038	79,313	-	-	76,181	*	*
Kelem Wellega	10,147	*	*	-	*	*	*
Horoguduru Wellega	30,603	15,995	*	*	7,846	*	5,076

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	310,822	154,024	*	3,671	107,734	*	34,630
Gurage	44,473	18,964	-	-	22,151	-	*
Hadiya	26,768	14,037	-	-	9,444	*	*
Kembata Tembaro	7,933	4,351	-	-	3,041	-	*
Sidama	45,567	28,406	-	-	16,499	-	*
Gedio	16,515	11,971	-	-	*	-	*
Wolayita	*	-	-	*	-	-	-
South Omo	19,293	*	*	-	6,000	*	*
Shaka	8,443	4,813	*	*	*	-	*
Kaffa	63,807	36,376	-	*	14,133	-	11,564
Gamo Gofa	32,447	5,113	*	-	10,827	*	*
Bench Maji	8,489	3,625	-	-	4,683	-	*
Yem Sp. Wereda	337	*	-	-	310	-	-
Dawro	4,728	2,195	-	*	*	-	1,419
Basketo Sp. Wereda	458	394	-	*	-	*	-
Konta Sp. Wereda	*	*	-	-	*	-	-
Silte	25,331	10,069	-	*	14,064	*	*
Alaba Sp. Wereda	1,766	*	-	-	923	-	-
Segen People	2,935	*	-	*	*	-	*
Gambela Region	1,111	674	-	*	-	-	*
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	1,111	674	-	*	-	-	*
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	6,077,913	2,337,967	395,126	67,960	2,617,808	529,345	129,706
Tigray	627,682	290,771	34,324	*	291,106	7,465	3,709
North West Tigray	179,973	71,518	-	-	105,533	*	*
Central Tigray	151,707	68,623	5,786	-	74,851	*	*
Eastern Tigray	103,717	57,024	*	-	39,018	*	*
Southern Tigray	131,747	50,653	19,416	*	58,996	*	*
Western Tigray	60,538	42,953	*	*	12,709	*	*
Afar	98,515	32,387	*	*	56,068	*	*
Zone 1	40,195	13,400	-	*	19,510	-	*
Zone 3	58,321	18,987	*	*	36,557	*	*
Amhara	2,083,961	663,323	181,147	25,699	821,946	317,946	73,901
North Gonder	347,571	147,511	25,116	*	126,296	40,872	*
South Gonder	228,844	45,902	10,357	*	136,177	22,517	13,369
North Wolo	152,399	48,379	3,294	*	84,678	11,441	3,930
South Wolo	357,305	124,056	10,604	4,082	184,754	21,239	12,570
North Shewa	328,973	146,364	*	*	119,855	30,830	*
East Gojam	301,583	59,043	57,281	2,638	55,886	98,779	27,956
West Gojam	204,552	34,922	36,668	*	47,041	80,781	2,632
Waghamera	67,935	31,373	2,242	4,448	20,307	4,507	5,058
Awi	57,368	12,780	*	*	23,319	6,625	*
Oromia	34,828	11,877	-	-	22,265	*	*
Argoba Special	2,603	1,114	79	-	1,370	*	*
Oromia	2,510,235	1,034,565	125,716	8,594	1,143,257	164,795	33,307
West Wellega	97,327	26,592	*	*	54,785	4,028	*
East Wellega	70,232	31,356	*	*	31,317	-	1,914
Illubabor	31,600	11,689	*	*	18,326	-	*
Jimma	66,493	27,874	*	-	24,921	*	-
West Shewa	187,273	80,849	5,830	-	83,973	15,229	1,392
North Shewa	205,989	39,517	31,757	-	69,225	63,839	*
East Shewa	275,362	122,053	*	*	124,202	*	*
Arsi	364,792	157,020	*	*	191,823	*	*
West Harerghe	174,814	83,644	*	*	85,423	*	*
East Harerghe	213,103	73,707	18,202	-	102,027	18,829	*
Bale	190,138	104,398	*	*	81,191	1,499	*
Borena	61,548	33,863	*	*	26,229	-	*
South West Shewa	179,401	58,063	21,372	*	56,679	40,607	*
Guji	80,861	42,780	*	-	33,967	*	*
West Arsi	204,938	90,305	*	-	113,167	*	*
Kelem Wellega	43,076	26,354	*	-	15,250	*	*
Horoguduru Wellega	63,288	24,501	*	*	30,752	*	3,620

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	124,013	67,554	*	*	56,135	*	*
Shinele	5,996	3,101	*	-	2,886	*	-
Jijiga	56,711	27,406	-	-	29,305	-	-
Liben	61,306	37,047	-	*	23,945	-	*
Benshangul-Gumuz	61,985	21,008	22,227	*	8,361	7,995	688
Metekel	36,438	12,034	16,171	*	2,170	4,285	*
Asosa	19,762	6,672	3,868	*	5,454	3,313	*
Kemeshi	4,602	1,826	2,039	-	515	197	*
Mao Komo	1,183	476	149	*	221	200	119
SNNP	544,509	215,950	30,619	28,224	228,315	29,703	11,698
Gurage	82,865	37,683	-	-	43,794	-	*
Hadiya	89,249	38,613	-	*	47,214	*	*
Kembata Tembaro	33,512	26,649	*	*	5,883	*	-
Sidama	64,524	51,324	-	-	12,434	-	*
Gedio	2,567	1,720	-	*	*	-	*
Wolayita	32,630	4,598	-	24,196	-	-	*
South Omo	19,020	5,776	*	*	9,286	*	*
Shaka	2,092	1,967	-	-	*	-	-
Kaffa	870	*	-	*	-	*	-
Gamo Gofa	53,104	*	18,287	-	*	22,595	*
Bench Maji	*	*	-	-	-	-	-
Yem Sp. Wereda	3,683	1,302	-	-	1,966	*	*
Dawro	3,256	775	*	1,865	334	-	*
Basketo Sp. Wereda	1,039	*	*	-	*	217	*
Konta Sp. Wereda	1,520	1,425	-	-	*	-	-
Silte	89,731	19,576	-	*	68,989	*	*
Alaba Sp. Wereda	30,569	6,216	-	*	24,083	*	*
Segen People	33,236	9,012	10,489	*	9,420	4,033	-
Gambela Region	*	*	-	*	-	-	-
Angnuwak	*	*	-	*	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	11,704	6,650	696	*	3,871	*	*
Hundene	11,704	6,650	696	*	3,871	*	*
Dire Dawa	14,064	4,642	306	*	8,749	*	*

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	351,486	151,682	14,761	3,132	166,124	9,804	5,982
Tigray	7,358	*	-	-	3,748	-	-
North West Tigray	*	-	-	-	*	-	-
Central Tigray	1,338	*	-	-	1,084	-	-
Eastern Tigray	*	*	-	-	*	-	-
Southern Tigray	*	*	-	-	*	-	-
Western Tigray	1,405	*	-	-	532	-	-
Afar	*	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	*	-	-
Amhara	140,010	46,591	10,590	1,838	69,392	6,832	4,768
North Gonder	6,654	3,833	*	-	*	-	*
South Gonder	14,063	3,919	*	-	6,561	*	-
North Wolo	10,120	3,618	*	-	4,755	1,041	-
South Wolo	30,263	11,562	*	-	14,969	*	*
North Shewa	10,763	4,028	-	*	6,026	*	-
East Gojam	13,745	4,452	*	*	3,754	*	*
West Gojam	33,434	3,372	*	-	25,561	*	*
Waghamera	2,975	1,731	-	-	1,084	*	-
Awi	17,993	10,076	*	*	4,931	*	-
Oromia	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-
Oromia	139,450	67,335	1,645	-	68,655	1,575	*
West Wellega	3,279	1,534	-	-	1,745	-	-
East Wellega	4,688	1,404	-	-	3,284	-	-
Illubabor	12,995	5,378	-	-	7,617	-	-
Jimma	15,250	3,470	*	-	10,386	*	-
West Shewa	10,094	4,884	*	-	4,847	-	-
North Shewa	3,843	*	*	-	1,741	*	*
East Shewa	7,153	6,952	*	-	-	-	-
Arsi	21,625	9,662	-	-	11,962	-	-
West Harerghe	*	*	-	-	*	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	16,673	11,037	-	-	5,636	-	-
Borena	2,008	1,217	-	-	*	-	-
South West Shewa	8,646	4,623	-	-	3,760	*	-
Guji	15,424	8,852	-	-	6,573	-	-
West Arsi	6,496	*	-	-	4,482	-	-
Kelem Wellega	6,623	3,805	-	-	2,663	*	-
Horoguduru Wellega	2,572	885	*	-	1,445	*	-

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	1,884	*	*	-	944	-	-
Metekel	1,827	*	*	-	887	-	-
Asosa	-	-	-	-	-	-	-
Kemeshi	*	-	-	-	*	-	-
Mao Komo	*	-	-	-	*	-	-
SNNP	61,971	33,027	2,370	*	22,954	1,398	928
Gurage	*	*	-	-	*	*	*
Hadiya	5,172	2,884	-	-	2,028	-	*
Kembata Tembaro	933	*	-	*	535	-	-
Sidama	*	*	-	-	2,775	-	-
Gedio	3,371	2,191	-	-	1,179	-	-
Wolayita	*	*	-	*	*	-	-
South Omo	4,786	1,205	*	-	2,562	*	-
Shaka	980	*	-	-	*	-	-
Kaffa	11,275	7,852	*	*	2,813	-	*
Gamo Gofa	12,674	6,231	*	-	4,411	*	-
Bench Maji	1,047	*	-	-	738	-	-
Yem Sp. Wereda	*	*	-	-	-	-	-
Dawro	5,882	3,129	-	*	2,283	-	*
Basketo Sp. Wereda	726	295	*	-	*	*	*
Konta Sp. Wereda	1,725	747	-	-	978	-	-
Silte	1,541	*	-	-	*	-	-
Alaba Sp. Wereda	*	-	-	-	*	-	-
Segen People	1,603	*	-	-	*	*	-
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	919,125	177,398	10,343	11,185	81,025	*	27,954		316,999	292,355
Tigray	52,665	39,645	*	7,036	-	-	*	-	-	*
North West Tigray	20,893	16,997	-	*	-	-	*	-	-	-
Central Tigray	4,188	2,898	-	*	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-
Southern Tigray	19,635	14,212	*	*	-	-	*	-	-	*
Western Tigray	7,948	5,539	-	*	-	-	-	-	-	-
Afar	348,516	46,548	*	-	16,064	-	6,551	-	157,431	121,827
Zone 1	122,444	30,945	*	-	*	-	*	-	64,784	17,661
Zone 3	226,072	15,603	-	-	8,606	-	*	-	92,647	104,166
Amhara	56,351	50,862	-	*	*	-	*	-	-	*
North Gondar	*	*	-	*	-	-	-	-	-	*
South Gondar	-	-	-	-	-	-	-	-	-	-
North Wolo	15,004	13,816	-	*	*	-	-	-	-	-
South Wolo	16,899	16,233	-	-	*	-	-	-	-	-
North Shewa	13,414	11,704	-	*	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-
Oromia	7,917	7,917	-	-	-	-	-	-	-	-
Argoba Special	555	536	-	-	-	-	*	-	-	-
Oromia	180,481	16,119	3,776	-	13,416	-	5,696	-	94,410	47,064
West Wellega	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	-	-	-	-	-	-	*	*
Arsi	*	*	*	-	*	-	-	-	*	-
West Harerghe	25,872	*	*	-	*	-	-	-	*	*
East Harerghe	21,924	*	1,389	-	*	-	*	-	13,163	*
Bale	19,150	4,213	*	-	-	-	*	-	12,829	-
Borena	54,077	3,779	*	-	*	-	*	-	13,281	24,829
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	275,037	22,367	5,278	*	*	*	*	-	63,985	116,605
Shinele	5,763	1,655	*	-	*	-	803	-	2,343	670
Jijiga	75,027	9,267	3,995	*	10,184	*	*	-	20,522	28,165
Liben	194,247	*	*	-	*	*	*	-	41,119	87,770
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	2,028	-	*	-	*	-	-	-	*	1,483
Hundene	2,028	-	*	-	*	-	-	-	*	1,483
Dire Dawa	4,049	1,856	*	-	-	-	*	-	896	1,064

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	57,829,953	25,490,319	275,796	39,751	31,523,108	430,998	69,982
Tigray	4,613,475	2,211,141	27,523	5,741	2,308,170	49,241	11,658
North West Tigray	1,803,123	819,176	7,038	*	957,376	*	*
Central Tigray	771,425	435,779	1,932	-	325,842	6,861	*
Eastern Tigray	441,023	223,440	12,664	1,561	183,381	17,164	*
Southern Tigray	739,618	375,042	4,600	*	346,197	8,382	*
Western Tigray	858,286	357,704	*	*	495,374	*	*
Afar	1,495,054	317,331	*	-	1,177,452	*	-
Zone 1	947,240	207,224	-	-	740,017	-	-
Zone 3	547,813	110,107	*	-	437,435	*	-
Amhara	15,454,923	7,742,562	90,457	15,943	7,469,201	115,582	21,178
North Gonder	3,525,578	1,615,884	*	*	1,891,781	*	*
South Gonder	1,751,513	860,607	6,706	*	870,505	10,650	*
North Wolo	855,444	446,062	5,193	*	396,658	*	*
South Wolo	1,754,510	936,861	28,975	*	746,891	33,262	5,542
North Shewa	1,451,080	836,908	19,067	*	565,138	27,055	*
East Gojam	1,958,387	1,031,723	7,778	*	902,009	11,539	*
West Gojam	2,319,049	1,182,846	8,122	*	1,119,829	5,930	*
Waghamera	351,680	169,186	-	-	182,494	-	-
Awi	1,188,485	513,249	*	*	644,240	*	*
Oromia	275,707	137,067	-	-	138,344	*	-
Argoba Special	23,490	12,169	*	-	11,313	-	-
Oromia	23,336,510	10,552,935	130,142	14,938	12,432,677	185,111	20,708
West Wellega	1,036,434	451,695	-	-	584,522	*	-
East Wellega	943,725	425,363	-	-	518,363	-	-
Illubabor	1,182,781	532,279	*	-	649,121	*	-
Jimma	2,212,962	1,042,594	*	-	1,168,885	*	-
West Shewa	2,116,203	1,068,776	*	*	1,037,479	5,251	*
North Shewa	1,600,456	759,609	52,412	*	705,264	71,607	7,207
East Shewa	1,138,454	634,783	2,420	*	493,873	3,438	*
Arsi	2,549,380	1,212,219	36,068	4,483	1,244,614	49,643	2,353
West Harerghe	1,017,806	462,485	*	*	553,897	-	-
East Harerghe	1,040,430	392,177	*	*	637,204	*	*
Bale	1,566,521	705,916	4,018	-	849,319	7,047	*
Borena	1,081,553	367,830	-	-	713,565	*	-
South West Shewa	1,138,472	625,965	*	*	507,291	*	*
Guji	1,503,241	542,871	-	-	960,370	-	-
West Arsi	2,010,245	753,702	23,459	*	1,186,376	39,780	*
Kelem Wellega	530,244	255,918	-	-	274,326	-	-
Horoguduru Wellega	667,605	318,752	*	-	348,208	*	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	631,059	214,270	-	-	416,738	*	-
Shinele	16,449	4,870	-	-	11,527	*	-
Jijiga	369,843	132,333	-	-	237,510	-	-
Liben	244,768	77,066	-	-	167,701	-	-
Benshangul-Gumuz	726,265	329,042	*	-	396,957	*	*
Metekel	590,598	276,869	-	-	313,729	-	-
Asosa	84,630	31,797	*	-	52,596	*	*
Kemeshi	41,521	16,300	-	-	25,222	-	-
Mao Komo	9,516	4,077	-	-	5,410	*	-
SNNP	11,171,151	3,994,889	27,018	2,819	7,052,220	79,430	14,775
Gurage	871,915	302,541	*	-	566,758	*	*
Hadiya	887,734	358,142	3,485	*	509,795	15,055	*
Kembata Tembaro	371,007	123,093	8,424	1,037	194,641	34,082	9,729
Sidama	2,053,625	458,491	9,499	-	1,563,632	19,850	*
Gedio	120,285	61,377	-	-	58,716	*	-
Wolayita	823,831	313,286	2,160	*	503,752	2,981	*
South Omo	*	*	*	*	*	*	*
Shaka	134,237	53,338	-	-	80,826	*	-
Kaffa	898,979	387,230	-	-	510,881	*	-
Gamo Gofa	1,245,102	483,522	*	*	759,427	*	*
Bench Maji	329,102	143,964	-	-	185,137	-	-
Yem Sp. Wereda	72,260	35,944	*	-	36,056	*	-
Dawro	302,959	116,514	*	-	186,052	*	-
Basketo Sp. Wereda	47,871	20,779	243	*	26,291	396	*
Konta Sp. Wereda	103,350	43,445	-	-	59,786	*	-
Silte	544,910	248,560	*	-	294,925	*	*
Alaba Sp. Wereda	163,909	73,625	*	-	89,488	*	*
Segen People	423,080	211,084	-	-	211,995	-	-
Gambela Region	280,561	83,957	-	-	196,604	-	-
Angnuwak	28,782	17,661	-	-	11,122	-	-
Nuware	215,471	55,759	-	-	159,712	-	-
Mezhenger	20,227	6,303	-	-	13,924	-	-
Itang Special	16,080	4,235	-	-	11,846	-	-
Harari	68,240	24,328	*	310	40,238	*	1,583
Hundene	68,240	24,328	*	310	40,238	*	1,583
Dire Dawa	52,716	19,866	-	-	32,850	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	28,892,380	7,827,321	11,379	*	21,022,067	14,070	*
Tigray	1,637,697	406,071	*	-	1,230,247	*	-
North West Tigray	219,691	52,137	*	-	166,358	*	-
Central Tigray	387,751	91,337	-	-	296,414	-	-
Eastern Tigray	586,905	153,279	-	-	433,443	*	-
Southern Tigray	359,732	90,538	-	-	269,194	-	-
Western Tigray	83,618	18,780	-	-	64,837	-	-
Afar	1,732,090	375,119	-	-	1,356,971	-	-
Zone 1	933,327	209,775	-	-	723,552	-	-
Zone 3	798,763	165,344	-	-	633,419	-	-
Amhara	9,797,248	2,679,302	9,183	*	7,082,468	10,746	*
North Gonder	1,118,369	271,422	-	-	846,948	-	-
South Gonder	971,891	223,380	*	*	747,226	-	-
North Wolo	654,860	177,727	*	*	470,226	*	*
South Wolo	1,864,453	607,887	*	*	1,234,681	4,770	*
North Shewa	1,747,816	549,410	*	-	1,196,434	*	*
East Gojam	1,365,001	300,511	*	-	1,061,922	*	-
West Gojam	1,206,147	307,857	-	-	897,443	-	*
Waghamera	156,918	47,073	-	-	109,845	-	-
Awi	602,997	163,777	-	-	439,220	-	-
Oromia	99,377	28,377	-	-	71,001	-	-
Argoba Special	9,418	1,883	*	-	7,524	-	-
Oromia	9,486,687	2,585,865	*	*	6,898,053	*	*
West Wellega	270,603	71,798	-	-	198,805	-	-
East Wellega	217,502	62,980	-	-	154,522	-	-
Illubabor	409,028	111,106	-	-	297,922	-	-
Jimma	866,561	213,143	-	-	653,419	-	-
West Shewa	973,499	248,196	-	-	725,303	-	-
North Shewa	1,143,108	311,074	*	-	830,597	*	-
East Shewa	355,552	92,380	-	*	262,291	*	*
Arsi	1,572,330	462,597	-	-	1,109,732	-	-
West Harerghe	182,149	44,977	-	-	137,172	-	-
East Harerghe	468,211	141,159	-	-	327,053	-	-
Bale	298,293	85,109	-	-	213,184	-	-
Borena	343,674	97,487	-	-	246,187	-	-
South West Shewa	433,920	134,830	-	-	299,090	-	-
Guji	567,042	160,345	-	-	406,697	-	-
West Arsi	948,174	230,377	-	-	717,346	*	-
Kelem Wellega	233,306	66,311	-	-	166,996	-	-
Horoguduru Wellega	203,735	51,996	-	-	151,738	-	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,308,309	403,555	-	-	904,754	-	-
Shinele	45,700	12,794	-	-	32,907	-	-
Jijiga	863,758	281,452	-	-	582,306	-	-
Liben	398,850	109,309	-	-	289,541	-	-
Benshangul-Gumuz	97,934	30,835	-	*	66,775	-	*
Metekel	68,362	21,394	-	-	46,969	-	-
Asosa	14,829	4,672	-	*	9,832	-	*
Kemeshi	8,422	2,967	-	-	5,455	-	-
Mao Komo	6,321	1,802	-	-	4,518	-	-
SNNP	4,703,558	1,313,798	*	*	3,386,718	*	*
Gurage	351,058	86,706	-	-	264,352	-	-
Hadiya	239,808	67,069	-	-	172,452	-	*
Kembata Tembaro	110,493	38,346	-	-	72,147	-	-
Sidama	531,132	126,444	-	*	403,972	-	-
Gedio	227,774	70,238	-	-	157,536	-	-
Wolayita	245,456	71,286	*	-	173,889	-	-
South Omo	*	*	-	-	*	-	-
Shaka	56,754	13,109	-	-	43,646	-	-
Kaffa	465,734	124,865	-	-	340,658	*	-
Gamo Gofa	451,955	104,648	*	-	345,870	*	-
Bench Maji	159,065	41,729	-	-	117,336	-	-
Yem Sp. Wereda	28,143	6,588	-	-	21,481	*	-
Dawro	95,574	28,858	-	-	66,716	-	-
Basketo Sp. Wereda	17,938	4,149	*	-	13,754	-	-
Konta Sp. Wereda	25,545	10,123	-	-	15,422	-	-
Silte	277,198	68,985	-	-	208,213	-	-
Alaba Sp. Wereda	55,246	15,675	-	-	39,571	-	-
Segen People	121,177	42,081	-	-	79,096	-	-
Gambela Region	44,285	12,536	-	-	31,749	-	-
Angnuwak	*	*	-	-	*	-	-
Nuware	34,476	8,538	-	-	25,938	-	-
Mezhenger	5,929	2,317	-	-	3,612	-	-
Itang Special	*	*	-	-	*	-	-
Harari	9,153	2,396	-	-	6,758	-	-
Hundene	9,153	2,396	-	-	6,758	-	-
Dire Dawa	75,419	17,845	-	-	57,574	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	29,704,958	8,441,670	2,228	*	21,252,449	6,240	*
Tigray	3,948,276	1,045,458	*	*	2,894,413	*	*
North West Tigray	1,922,107	476,889	*	*	1,440,856	*	*
Central Tigray	893,506	257,118	*	-	634,228	*	-
Eastern Tigray	224,724	60,381	-	-	164,343	-	-
Southern Tigray	355,995	103,516	-	-	252,288	-	*
Western Tigray	551,943	147,553	*	-	402,698	*	-
Afar	3,301,056	643,407	-	-	2,657,649	-	-
Zone 1	1,769,578	357,750	-	-	1,411,829	-	-
Zone 3	1,531,478	285,658	-	-	1,245,820	-	-
Amhara	6,085,912	1,958,221	-	-	4,127,691	-	-
North Gonder	1,767,857	523,270	-	-	1,244,588	-	-
South Gonder	554,086	169,165	-	-	384,921	-	-
North Wolo	510,097	148,799	-	-	361,299	-	-
South Wolo	812,473	276,757	-	-	535,717	-	-
North Shewa	817,496	337,368	-	-	480,128	-	-
East Gojam	508,984	163,366	-	-	345,619	-	-
West Gojam	355,190	126,066	-	-	229,125	-	-
Waghamera	398,867	102,966	-	-	295,901	-	-
Awi	153,218	52,069	-	-	101,149	-	-
Oromia	180,820	50,257	-	-	130,563	-	-
Argoba Special	26,823	8,140	-	-	18,683	-	-
Oromia	8,377,584	2,435,431	*	-	5,940,552	*	-
West Wellega	137,509	34,141	-	-	103,368	-	-
East Wellega	130,294	42,426	-	-	87,868	-	-
Illubabor	222,576	63,499	-	-	159,078	-	-
Jimma	457,311	120,953	-	-	336,358	-	-
West Shewa	434,531	126,267	-	-	308,264	-	-
North Shewa	318,756	90,221	-	-	228,535	-	-
East Shewa	599,916	171,002	-	-	428,914	-	-
Arsi	1,059,011	310,312	-	-	748,449	*	-
West Harerghe	890,226	266,207	-	-	624,019	-	-
East Harerghe	1,051,783	315,746	-	-	736,037	-	-
Bale	726,394	214,404	-	-	511,991	-	-
Borena	876,139	247,263	-	-	628,876	-	-
South West Shewa	376,552	129,562	-	-	246,990	-	-
Guji	423,698	113,803	-	-	309,895	-	-
West Arsi	404,220	110,031	*	-	292,837	*	-
Kelem Wellega	122,086	33,722	-	-	88,365	-	-
Horoguduru Wellega	146,582	45,874	-	-	100,708	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,835,811	521,285	-	-	1,314,526	-	-
Shinele	121,420	29,775	-	-	91,645	-	-
Jijiga	612,304	196,753	-	-	415,551	-	-
Liben	1,102,088	294,757	-	-	807,330	-	-
Benshangul-Gumuz	448,635	127,434	-	-	321,201	-	-
Metekel	213,642	62,919	-	-	150,722	-	-
Asosa	172,271	46,684	-	-	125,587	-	-
Kemeshi	44,307	12,592	-	-	31,716	-	-
Mao Komo	18,415	5,239	-	-	13,176	-	-
SNNP	5,343,072	1,611,944	-	-	3,730,294	*	*
Gurage	153,704	51,368	-	-	102,337	-	-
Hadiya	169,414	54,962	-	-	113,927	-	*
Kembata Tembaro	52,051	13,463	-	-	38,280	*	-
Sidama	300,716	104,494	-	-	196,222	-	-
Gedio	*	*	-	-	12,580	-	-
Wolayita	133,437	36,608	-	-	96,829	-	-
South Omo	3,084,232	923,406	-	-	2,160,826	-	-
Shaka	21,206	6,281	-	-	14,925	-	-
Kaffa	268,713	78,610	-	-	190,103	-	-
Gamo Gofa	379,174	113,817	-	-	265,357	-	-
Bench Maji	87,314	20,466	-	-	66,848	-	-
Yem Sp. Wereda	38,687	9,708	-	-	28,979	-	-
Dawro	57,613	22,588	-	-	35,025	-	-
Basketo Sp. Wereda	10,206	3,249	-	-	6,957	-	-
Konta Sp. Wereda	15,042	4,570	-	-	10,472	-	-
Silte	205,416	56,942	-	-	148,474	-	-
Alaba Sp. Wereda	68,169	18,598	-	-	49,571	-	-
Segen People	281,432	88,850	-	-	192,582	-	-
Gambela Region	94,184	25,981	-	-	68,203	-	-
Angnuwak	24,464	6,906	-	-	17,558	-	-
Nuware	59,067	15,241	-	-	43,826	-	-
Mezhenger	4,326	2,063	-	-	2,263	-	-
Itang Special	6,327	1,772	-	-	4,556	-	-
Harari	67,721	20,189	-	-	47,531	-	-
Hundene	67,721	20,189	-	-	47,531	-	-
Dire Dawa	202,707	52,318	-	-	150,389	-	-

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	60,505,327	5,426,302	3,173,736	5,932,298	1,533,216	24,941,049	19,498,726
Tigray	6,329,501	451,969	372,105	789,880	227,497	2,479,793	2,008,257
North West Tigray	2,462,627	152,765	176,677	282,363	99,465	1,129,381	621,977
Central Tigray	1,397,424	99,018	64,734	177,373	34,383	528,071	493,845
Eastern Tigray	903,436	74,451	38,805	136,250	26,641	219,351	407,938
Southern Tigray	750,084	76,166	45,751	110,143	30,595	223,121	264,308
Western Tigray	815,930	49,570	46,137	83,751	36,413	379,870	220,189
Afar	106,355	12,429	9,207	14,942	11,809	37,532	20,436
Zone 1	*	*	-	*	-	*	*
Zone 3	104,890	12,204	9,207	14,714	11,809	36,851	20,105
Amhara	19,958,894	1,441,642	1,064,712	2,009,256	356,160	8,985,540	6,101,583
North Gonder	6,193,835	328,204	462,740	750,339	46,642	3,255,978	1,349,932
South Gonder	2,029,761	102,518	57,980	177,388	18,420	1,011,265	662,188
North Wolo	1,007,118	152,424	46,647	102,153	27,259	381,183	297,452
South Wolo	2,027,578	290,442	84,626	191,250	48,988	624,921	787,351
North Shewa	1,830,276	184,449	58,521	141,084	65,070	536,476	844,676
East Gojam	1,585,455	114,819	57,734	124,985	51,003	583,638	653,276
West Gojam	3,456,879	157,324	199,607	324,066	49,476	1,732,885	993,522
Waghamera	335,398	29,548	12,905	39,450	18,220	154,610	80,664
Awı	1,189,287	53,363	73,342	124,495	23,329	565,628	349,130
Oromia	268,447	25,031	8,944	30,926	7,069	121,911	74,566
Argoba Special	34,861	3,521	1,667	3,119	684	17,044	8,826
Oromia	21,201,122	2,210,949	1,053,418	1,870,560	589,894	8,037,644	7,438,658
West Wellega	1,553,416	166,628	88,550	148,136	27,395	697,431	425,276
East Wellega	948,843	109,759	38,388	83,505	19,445	433,999	263,747
Illubabor	1,227,807	157,992	58,034	108,551	38,844	421,264	443,123
Jimma	1,951,129	196,283	51,346	118,830	30,271	873,512	680,886
West Shewa	1,961,058	177,504	75,216	135,739	83,010	832,279	657,310
North Shewa	1,044,766	116,904	27,814	57,320	15,254	315,091	512,384
East Shewa	1,244,843	128,648	70,445	109,361	61,362	395,095	479,932
Arsi	1,847,197	190,890	107,036	170,916	73,644	672,123	632,587
West Harerghe	1,512,784	124,832	94,325	171,266	38,004	557,461	526,897
East Harerghe	1,564,569	168,277	75,756	153,597	32,515	411,129	723,295
Bale	710,593	91,453	57,927	97,355	33,843	173,627	256,388
Borena	689,154	77,855	44,281	61,766	18,021	282,605	204,626
South West Shewa	1,121,550	103,449	44,099	78,637	15,451	418,398	461,517
Guji	914,064	101,869	44,465	80,623	39,664	439,113	208,331
West Arsi	1,293,496	143,716	93,583	146,107	34,552	368,470	507,068
Kelem Wellega	1,035,282	98,649	41,458	89,540	14,060	488,097	303,479
Horoguduru Wellega	580,569	56,241	40,696	59,312	14,558	257,951	151,811

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	177,300	24,163	13,108	17,971	15,370	51,036	55,652
Shinele	6,387	841	367	596	*	1,474	2,908
Jijiga	7,087	*	*	*	*	*	3,453
Liben	163,826	21,192	12,677	16,862	14,742	49,063	49,291
Benshangul-Gumuz	1,363,061	115,920	90,770	175,575	19,344	673,511	287,941
Metekel	658,603	57,762	34,619	72,103	7,440	341,476	145,202
Asosa	510,527	42,203	40,390	77,765	*	234,847	105,843
Kemeshi	130,339	11,200	12,625	19,543	2,016	61,982	22,973
Mao Komo	63,593	4,754	3,136	6,164	409	35,208	13,923
SNNP	10,851,155	1,108,573	528,186	993,284	301,759	4,503,503	3,415,849
Gurage	838,049	143,620	18,287	81,429	31,565	297,746	265,402
Hadiya	969,682	92,617	32,012	75,768	30,949	489,989	248,348
Kembata Tembaro	356,337	27,350	10,398	24,631	13,198	157,071	123,689
Sidama	1,760,300	115,192	31,355	103,770	31,709	853,460	624,814
Gedio	303,326	41,676	15,250	33,994	4,618	100,204	107,583
Wolayita	877,768	73,266	69,256	105,502	37,929	330,261	261,554
South Omo	1,218,629	123,313	94,512	153,289	35,876	429,338	382,301
Shaka	181,938	14,198	12,401	19,573	1,532	69,311	64,923
Kaffa	1,030,071	120,002	61,988	97,211	28,414	435,043	287,412
Gamo Gofa	1,042,701	101,688	64,542	106,518	25,201	386,351	358,401
Bench Maji	559,861	55,566	39,226	50,529	6,979	254,565	152,997
Yem Sp. Wereda	57,824	5,491	1,331	3,431	531	18,095	28,944
Dawro	198,153	21,258	9,968	18,492	11,180	72,966	64,289
Basketo Sp. Wereda	64,595	8,338	4,759	7,291	1,379	23,547	19,281
Konta Sp. Wereda	108,786	14,898	6,300	12,955	6,366	41,947	26,322
Silte	696,660	74,051	22,684	49,533	11,655	305,843	232,892
Alaba Sp. Wereda	159,326	17,485	7,036	11,582	5,880	66,864	50,479
Segen People	427,149	58,565	26,879	37,785	16,800	170,901	116,218
Gambela Region	358,288	44,363	34,372	44,246	5,735	134,145	95,427
Angnuwak	169,283	20,345	16,467	23,292	1,865	63,390	43,925
Nuware	85,672	12,181	7,822	8,928	1,537	35,054	20,150
Mezhenger	60,476	6,873	2,568	6,276	2,088	21,806	20,866
Itang Special	42,858	4,964	*	5,751	*	13,896	10,486
Harari	74,332	8,558	3,155	7,655	2,773	21,068	31,123
Hundene	74,332	8,558	3,155	7,655	2,773	21,068	31,123
Dire Dawa	85,318	7,737	4,703	8,929	2,875	17,275	43,800

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	57,072,596	5,066,268	3,043,859	5,458,940	1,457,560	24,038,628	18,007,343
Tigray	5,125,084	378,372	323,856	607,996	193,056	2,211,474	1,410,330
North West Tigray	2,141,755	129,627	153,663	245,511	86,957	1,039,654	486,343
Central Tigray	1,059,315	76,309	56,437	135,346	27,135	448,791	315,296
Eastern Tigray	625,769	64,519	32,473	73,956	20,188	172,052	262,581
Southern Tigray	594,175	64,947	39,712	77,372	26,667	201,791	183,687
Western Tigray	704,069	42,970	41,570	75,812	32,109	349,186	162,423
Afar	105,365	12,264	9,207	14,282	11,809	37,532	20,271
Zone 1	*	*	-	*	-	*	*
Zone 3	103,900	12,039	9,207	14,055	11,809	36,851	19,940
Amhara	18,947,005	1,334,250	1,034,174	1,873,609	338,150	8,728,605	5,638,218
North Gonder	6,016,334	310,906	452,982	721,622	46,642	3,173,423	1,310,759
South Gonder	1,913,408	90,862	55,445	166,031	16,226	985,739	599,104
North Wolo	967,057	149,475	46,647	96,330	26,529	378,264	269,811
South Wolo	1,893,427	272,458	82,189	171,411	47,075	622,462	697,833
North Shewa	1,684,647	164,067	55,563	123,253	61,233	520,927	759,605
East Gojam	1,488,153	108,053	57,734	116,317	47,341	554,328	604,380
West Gojam	3,301,041	138,126	194,392	300,484	*	1,686,769	933,971
Waghamera	321,616	28,435	12,905	36,632	16,820	150,494	76,330
Awi	1,076,307	46,303	65,706	111,971	22,166	520,268	309,893
Oromia	250,445	22,111	8,944	26,446	6,135	118,953	67,854
Argoba Special	34,569	3,454	1,667	3,111	684	16,976	8,678
Oromia	20,654,754	2,163,509	1,034,952	1,814,708	575,800	7,895,821	7,169,964
West Wellega	1,538,951	166,628	86,449	142,100	27,395	697,039	419,339
East Wellega	928,468	108,517	38,112	81,618	19,099	426,211	254,910
Illubabor	1,185,402	153,772	58,034	101,804	35,733	416,796	419,264
Jimma	1,941,294	195,475	51,346	118,830	30,271	872,734	672,636
West Shewa	1,855,156	168,038	72,592	125,040	82,053	791,296	616,136
North Shewa	987,567	112,403	26,786	51,624	13,908	297,072	485,775
East Shewa	1,188,452	125,410	69,966	102,970	59,153	383,020	447,932
Arsi	1,761,675	180,109	102,126	161,421	72,620	658,885	586,512
West Harerghe	1,500,751	124,082	94,012	171,109	38,004	555,359	518,185
East Harerghe	1,527,586	164,504	75,110	152,627	32,515	390,264	712,567
Bale	684,262	89,601	56,209	95,480	29,638	171,239	242,094
Borena	687,753	77,762	44,281	61,766	18,021	282,605	203,319
South West Shewa	1,087,652	101,527	41,033	75,324	15,193	408,874	445,702
Guji	913,742	101,869	44,465	80,623	39,664	439,113	208,009
West Arsi	1,273,887	141,016	93,245	145,472	34,552	367,350	492,253
Kelem Wellega	1,024,585	97,899	41,233	88,889	13,905	485,280	297,378
Horoguduru Wellega	567,573	54,897	39,953	58,011	14,074	252,684	147,953

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	175,675	23,898	13,080	17,682	14,962	50,978	55,076
Shinele	5,995	822	*	553	*	1,416	2,702
Jijiga	7,087	*	*	*	*	*	3,453
Liben	162,593	20,945	12,677	16,615	*	49,063	48,921
Benshangul-Gumuz	1,326,347	111,085	88,410	170,633	19,177	657,037	280,005
Metekel	627,710	53,419	32,701	67,636	7,273	327,492	139,189
Asosa	505,125	41,743	39,948	77,306	*	232,356	104,293
Kemeshi	130,185	11,200	12,625	19,543	2,016	61,982	22,819
Mao Komo	63,327	4,723	3,136	6,148	409	35,208	13,704
SNNP	10,231,751	984,521	498,257	900,121	293,426	4,286,346	3,269,080
Gurage	524,614	68,982	14,248	38,018	29,477	145,459	228,430
Hadiya	928,389	82,237	27,738	67,176	30,687	487,225	233,326
Kembata Tembaro	324,386	23,503	7,617	19,867	11,281	151,510	110,607
Sidama	1,731,802	111,912	30,033	101,809	31,709	848,140	608,200
Gedio	299,107	41,010	14,971	33,436	4,426	100,204	105,061
Wolayita	833,085	67,449	60,618	93,519	36,545	321,109	253,845
South Omo	1,175,677	117,708	90,969	149,000	35,708	413,835	368,458
Shaka	176,737	13,212	11,855	18,880	1,467	68,083	63,240
Kaffa	1,015,744	117,662	60,962	94,989	28,414	432,371	281,345
Gamo Gofa	991,840	91,734	63,126	95,061	24,655	377,488	339,775
Bench Maji	557,489	55,105	39,226	50,529	6,979	253,948	151,702
Yem Sp. Wereda	55,031	5,086	1,331	3,191	531	17,624	27,267
Dawro	190,285	20,347	9,162	17,179	10,070	71,612	61,914
Basketo Sp. Wereda	63,500	7,999	4,586	7,202	1,379	23,478	18,856
Konta Sp. Wereda	108,175	14,744	6,214	12,684	6,366	41,947	26,221
Silte	676,282	71,169	22,312	48,632	11,267	295,807	227,095
Alaba Sp. Wereda	154,932	16,359	6,756	11,510	5,666	66,792	47,850
Segen People	424,676	58,303	26,533	37,439	16,800	169,714	115,887
Gambela Region	349,912	42,359	34,237	43,600	5,690	132,892	91,134
Angnuwak	162,113	18,407	16,332	22,822	1,820	62,454	40,278
Nuware	85,672	12,181	7,822	8,928	1,537	35,054	20,150
Mezhenger	59,270	6,807	2,568	6,100	2,088	21,487	20,221
Itang Special	42,858	4,964	*	5,751	*	13,896	10,486
Harari	74,097	8,558	3,155	7,655	2,773	21,068	30,888
Hundene	74,097	8,558	3,155	7,655	2,773	21,068	30,888
Dire Dawa	82,605	7,451	4,531	8,655	2,718	16,875	42,375

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,939,479	192,176	107,665	262,237	42,521	611,317	723,564
Tigray	611,060	53,612	44,989	83,957	22,206	208,658	197,638
North West Tigray	220,605	20,709	23,014	29,550	9,938	82,529	54,865
Central Tigray	170,658	14,965	7,414	24,098	*	59,469	59,249
Eastern Tigray	89,764	4,100	5,288	14,086	3,271	22,391	40,628
Southern Tigray	68,914	9,395	*	10,302	*	14,574	27,290
Western Tigray	61,119	4,443	4,081	5,921	1,373	29,696	15,605
Afar	*	*	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	-	-	-
Amhara	675,507	63,119	28,161	88,780	8,438	219,226	267,783
North Gonder	-	-	-	*	-	*	-
South Gonder	53,479	-	*	*	*	18,672	17,817
North Wolo	10,116	-	-	*	*	-	4,725
South Wolo	95,179	9,407	1,781	14,207	*	*	67,861
North Shewa	90,881	10,114	*	9,197	*	-	52,595
East Gojam	76,433	5,499	-	*	*	27,920	36,917
West Gojam	112,795	15,826	*	16,586	-	31,122	42,994
Waghamera	9,058	-	-	*	*	-	2,009
Awi	108,997	5,824	7,636	12,211	-	45,360	36,802
Oromia	5,637	*	-	*	*	*	2,828
Argoba Special	-	-	-	*	-	-	93
Oromia	406,946	43,426	16,101	48,506	8,640	112,618	177,655
West Wellega	12,512	-	-	-	-	*	4,375
East Wellega	*	*	-	*	*	-	4,698
Illubabor	31,230	4,021	-	*	1,249	-	15,392
Jimma	5,441	-	-	-	-	-	3,856
West Shewa	87,354	9,178	-	8,754	-	*	26,633
North Shewa	37,933	4,501	-	5,182	1,087	11,137	14,999
East Shewa	47,785	2,475	-	-	-	-	24,156
Arsi	73,450	10,781	*	9,153	-	12,600	36,401
West Harerghe	-	*	-	-	-	-	-
East Harerghe	11,016	*	*	*	-	*	6,981
Bale	16,331	*	-	*	*	-	8,237
Borena	*	*	-	-	-	-	*
South West Shewa	29,672	1,921	*	*	-	-	12,190
Guji	-	-	-	-	-	-	-
West Arsi	14,547	-	-	-	-	-	9,754
Kelem Wellega	8,099	*	-	*	-	2,817	4,005
Horoguduru Wellega	10,753	*	-	839	-	*	2,642

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	24,505	1,976	*	1,724	-	14,891	4,586
Metekel	19,608	1,582	*	1,488	-	12,400	3,253
Asosa	-	*	-	*	-	-	-
Kemeshi	-	-	-	-	-	-	-
Mao Komo	*	*	-	*	-	-	*
SNNP	214,921	29,411	16,963	38,024	2,622	54,586	73,316
Gurage	62,422	12,452	*	*	*	*	21,202
Hadiya	10,748	1,880	*	*	*	*	4,516
Kembata Tembaro	12,475	782	-	-	*	4,667	6,018
Sidama	24,862	*	-	-	-	-	13,567
Gedio	*	*	-	-	*	-	*
Wolayita	28,424	4,156	5,223	7,188	*	*	4,446
South Omo	18,472	*	*	*	-	*	-
Shaka	2,304	*	*	*	*	*	380
Kaffa	-	-	-	*	-	-	*
Gamo Gofa	22,685	2,265	-	*	*	*	4,500
Bench Maji	*	*	-	-	-	-	*
Yem Sp. Wereda	2,146	263	-	*	-	-	1,299
Dawro	2,365	*	*	*	*	*	813
Basketo Sp. Wereda	482	153	*	*	-	-	-
Konta Sp. Wereda	*	*	*	*	-	-	*
Silte	7,362	1,258	*	*	*	*	2,603
Alaba Sp. Wereda	-	-	*	*	*	*	-
Segen People	*	*	-	-	-	-	*
Gambela Region	*	*	*	-	*	*	*
Angnuwak	*	*	*	*	*	*	*
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	*	-	-	*
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	2,294	*	-	*	*	-	1,156

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,493,251	167,859	22,212	211,121	33,135	291,104	767,819
Tigray	593,356	19,984	3,260	97,926	12,236	59,661	400,289
North West Tigray	100,267	2,429	-	7,302	-	7,197	80,768
Central Tigray	167,450	7,744	-	17,929	*	19,811	119,300
Eastern Tigray	187,903	5,831	1,045	48,207	3,183	24,908	104,729
Southern Tigray	86,995	1,824	*	22,469	*	-	53,331
Western Tigray	50,741	2,157	-	2,018	-	988	42,161
Afar	*	-	-	*	-	-	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	-	-	*	-	-	*
Amhara	336,382	44,273	-	46,867	9,573	-	195,582
North Gonder	64,763	5,579	*	*	-	*	36,032
South Gonder	62,874	8,614	*	*	*	-	45,267
North Wolo	29,944	2,168	-	*	*	*	22,916
South Wolo	38,972	8,577	-	5,631	*	*	21,657
North Shewa	54,748	-	*	8,635	*	*	32,476
East Gojam	20,870	-	-	*	*	-	11,979
West Gojam	43,042	-	*	-	*	-	16,556
Waghamera	4,723	702	-	*	*	*	2,325
Awi	3,983	1,235	-	-	*	-	2,434
Oromia	-	*	-	*	-	*	-
Argoba Special	99	35	-	-	-	*	-
Oromia	139,422	4,013	-	7,347	-	-	91,038
West Wellega	-	-	*	*	-	-	-
East Wellega	*	*	*	*	*	*	-
Illubabor	11,175	-	-	*	-	*	8,468
Jimma	4,395	*	-	-	-	*	4,395
West Shewa	18,548	-	*	-	*	*	14,540
North Shewa	19,266	-	*	-	-	-	11,611
East Shewa	8,606	-	*	*	*	*	7,843
Arsi	12,072	-	*	-	*	-	9,674
West Harerghe	6,720	*	*	*	-	*	6,394
East Harerghe	-	*	-	-	-	*	-
Bale	-	*	*	*	*	*	-
Borena	*	-	-	-	-	-	*
South West Shewa	4,226	-	*	*	*	*	3,626
Guji	*	-	-	-	-	-	*
West Arsi	-	*	*	*	-	*	-
Kelem Wellega	-	*	*	*	*	-	2,095
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	12,209	-	*	-	*	-	-
Metekel	-	-	*	-	*	-	-
Asosa	675	*	*	*	-	*	387
Kemeshi	*	-	-	-	-	-	*
Mao Komo	*	-	-	-	-	-	*
SNNP	-	-	12,966	-	5,711	-	73,454
Gurage	-	-	*	*	*	*	15,770
Hadiya	30,546	-	-	*	-	-	10,506
Kembata Tembaro	19,475	3,064	2,781	3,756	-	-	7,063
Sidama	-	*	*	*	-	*	-
Gedio	*	*	*	*	-	-	*
Wolayita	16,259	1,661	-	-	*	*	3,263
South Omo	24,479	*	*	*	*	*	8,132
Shaka	2,897	*	*	*	-	*	-
Kaffa	2,550	1,095	*	*	-	*	*
Gamo Gofa	28,176	7,688	*	*	*	*	14,126
Bench Maji	*	*	-	-	-	*	*
Yem Sp. Wereda	648	142	-	*	-	*	377
Dawro	-	*	*	*	*	*	-
Basketo Sp. Wereda	612	186	*	-	-	*	249
Konta Sp. Wereda	*	*	*	*	-	-	-
Silte	13,016	-	-	*	*	*	3,195
Alaba Sp. Wereda	3,213	761	*	-	*	-	2,104
Segen People	*	*	*	*	-	*	*
Gambela Region	*	*	*	587	-	*	*
Angnuwak	*	*	*	*	-	*	*
Nuware	-	-	-	-	-	-	-
Mezhenger	*	-	-	*	-	*	*
Itang Special	-	-	-	-	-	-	-
Harari	*	-	-	-	-	-	*
Hundene	*	-	-	-	-	-	*
Dire Dawa	419	*	*	*	*	*	-

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	5,916,100	50,790,578	5,706,959	2	47,352,624	70,753	2	1,293,068	138,388	2	2,144,886
Tigray	263,961	2,681,598	207,173	1	1,895,455	*	*	59,341	47,637	1	726,802
North West Tigray	79,832	1,089,822	67,711	1	814,613	-	-	-	12,122	1	275,208
Central Tigray	79,373	762,470	59,956	1	480,093	*	1	*	15,891	1	264,406
Eastern Tigray	38,124	236,098	26,100	1	122,241	*	*	*	11,022	2	99,689
Southern Tigray	37,035	200,095	29,934	2	175,834	*	*	*	3,296	1	8,208
Western Tigray	29,597	393,114	23,473	2	302,675	*	*	*	5,306	2	79,291
Afar	*	*	*	*	*	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	-	-	-	-	-	-
Amhara	1,328,235	19,890,422	1,273,885	2	18,604,757	14,224	2	673,701	40,127	1	611,963
North Gonder	273,700	6,914,252	264,774	2	6,891,962	*	*	*	*	*	*
South Gonder	191,344	1,032,631	187,587	1	981,525	*	*	*	*	*	*
North Wolo	44,404	226,571	39,513	2	199,635	*	*	*	*	1	*
South Wolo	186,977	*	183,090	2	*	*	*	*	*	*	*
North Shewa	80,512	509,831	76,905	1	459,456	*	*	*	2,861	1	*
East Gojam	151,047	1,104,693	145,030	2	1,069,912	*	*	*	4,865	*	*
West Gojam	197,222	2,310,551	184,747	1	1,462,728	2,667	*	543,322	9,808	1	304,501
Waghamera	50,513	267,954	47,572	1	254,247	1,537	1	*	*	*	*
Awi	142,488	1,745,625	135,358	2	1,534,164	*	*	*	*	*	*
Oromia	8,241	51,137	7,547	2	50,320	*	*	*	-	-	-
Argoba Special	1,788	27,889	1,761	2	27,494	-	-	-	26	*	*
Oromia	3,009,745	15,954,736	2,944,415	2	15,095,368	25,749	2	300,919	39,582	2	558,449
West Wellega	349,353	917,143	346,909	1	908,161	*	-	-	*	*	*
East Wellega	236,377	733,275	233,651	1	720,468	*	*	*	*	*	*
Illubabor	421,738	2,033,399	409,264	1	1,883,454	9,941	2	125,523	2,533	2	24,423
Jimma	546,722	2,518,634	520,438	1	2,279,343	8,070	2	*	18,213	2	151,727
West Shewa	219,317	1,671,436	218,836	2	1,668,067	-	-	-	*	*	*
North Shewa	71,714	421,842	70,298	2	378,654	-	-	-	*	*	*
East Shewa	14,594	*	12,390	2	*	*	*	*	*	*	*
Arsi	95,152	717,263	93,644	2	626,771	-	-	-	*	*	*
West Harerghe	65,846	348,925	64,312	2	340,213	*	*	*	*	-	-
East Harerghe	59,795	336,056	58,868	2	324,097	*	*	*	*	*	*
Bale	190,847	1,955,071	186,182	2	1,895,340	-	-	-	4,665	2	59,732
Borena	68,953	352,346	68,953	2	352,346	-	-	-	-	-	-
South West Shewa	101,736	840,288	100,110	2	803,455	-	*	*	*	*	*
Guji	223,067	1,245,181	223,067	2	1,245,181	-	-	-	-	-	-
West Arsi	124,023	844,026	119,703	2	781,757	*	*	*	*	*	*
Kelem Wellega	107,878	347,045	106,031	1	308,364	*	*	*	*	*	*
Horoguduru Wellega	112,633	514,208	111,756	1	504,977	*	*	*	*	*	*

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Somale	2,022	6,610	1,767	*	5,661	*	*	*	-	-	-
Shinele	*	*	*	*	*	*	*	*	-	-	-
Jijiga	1,294	*	1,294	*	*	-	-	-	-	-	-
Liben	*	*	*	*	*	*	*	*	-	-	-
Benshangul-Gumuz	219,448	915,674	217,807	1	909,482	*	*	*	1,344	*	*
Metekel	114,613	514,468	114,209	1	513,762	*	*	*	*	*	*
Asosa	49,227	131,695	48,509	1	127,780	*	*	*	*	*	*
Kemeshi	12,065	42,082	11,605	1	41,112	*	*	*	*	*	*
Mao Komo	43,543	227,430	43,483	1	226,828	-	-	-	*	*	*
SNNP	992,633	7,866,567	962,862	2	7,381,954	20,440	2	251,607	9,331	*	*
Gurage	48,046	*	43,396	2	*	*	*	*	2,523	*	*
Hadiya	75,390	596,659	75,390	2	596,659	-	-	-	-	-	-
Kembata Tembaro	22,879	157,047	22,277	2	149,057	*	*	*	*	*	*
Sidama	117,248	676,617	102,003	2	393,472	10,597	*	*	*	*	*
Gedio	32,171	129,919	31,844	1	129,919	*	-	-	-	-	-
Wolayita	52,991	269,465	49,280	2	262,060	*	*	*	*	*	*
South Omo	73,949	544,444	73,949	2	544,444	-	-	-	-	-	-
Shaka	81,360	694,920	80,135	1	680,147	*	*	*	-	-	-
Kaffa	158,021	1,201,220	155,893	1	1,191,945	*	*	*	*	*	*
Gamo Gofa	99,266	685,620	99,266	2	685,620	-	-	-	-	-	-
Bench Maji	56,547	1,145,801	56,547	2	1,145,801	-	-	-	-	-	-
Yem Sp. Wereda	10,833	68,294	10,799	1	67,692	*	*	*	-	-	-
Dawro	39,969	396,701	39,166	2	389,230	*	*	*	-	-	-
Basketo Sp. Wereda	4,889	28,287	4,889	1	28,287	-	-	-	-	-	-
Konta Sp. Wereda	39,843	163,489	39,843	2	163,489	-	-	-	-	-	-
Silte	33,708	150,276	33,183	2	146,719	*	-	-	*	*	*
Alaba Sp. Wereda	10,320	110,971	9,799	2	104,964	*	*	*	*	-	-
Segen People	35,203	212,220	35,203	2	207,868	-	*	*	-	-	-
Gambella Region	96,581	*	95,696	2	*	*	*	*	*	*	*
Agnuwak	*	*	*	2	*	-	*	-	*	*	*
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	42,792	917,470	42,011	2	909,377	*	*	*	*	*	*
Itang Special	-	-	-	-	-	-	-	-	-	-	-
Harari	1,717	6,288	1,717	2	6,288	-	-	-	-	-	-
Hundene	1,717	6,288	1,717	2	6,288	-	-	-	-	-	-
Dire Dawa	1,446	5,361	1,327	2	4,189	*	-	-	*	*	*

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	10,978,342	5,333,104	5,645,238	4,644,509	2,886,838	1,757,672	717,786	295,702	422,084
Tigray	837,215	406,513	430,702	180,435	125,030	55,405	20,171	11,487	8,684
North West Tigray	347,302	167,130	180,172	37,551	24,855	12,695	6,918	2,965	3,953
Central Tigray	108,781	57,679	51,102	43,690	32,320	11,370	3,595	3,314	*
Eastern Tigray	66,637	34,598	32,039	30,938	21,668	9,270	*	*	-
Southern Tigray	122,873	56,867	66,007	50,273	35,066	15,206	5,788	3,331	2,457
Western Tigray	191,621	90,239	101,382	17,984	11,121	6,864	3,629	1,635	1,993
Afar	560,240	253,594	306,646	37,546	17,020	20,526	6,673	*	4,787
Zone 1	293,642	107,993	185,650	15,084	7,256	7,828	*	*	*
Zone 3	266,598	*	120,996	22,462	9,764	12,698	*	*	*
Amhara	2,540,354	1,274,219	1,266,135	1,572,391	1,108,717	463,675	104,859	39,706	65,153
North Gonder	723,327	337,346	385,982	195,167	125,109	70,058	17,441	6,064	11,378
South Gonder	270,061	132,036	138,024	157,813	99,891	57,922	6,234	3,061	3,173
North Wolo	153,522	82,913	70,608	114,707	82,881	31,827	10,939	3,810	7,130
South Wolo	307,198	162,673	144,525	188,105	131,298	56,807	18,272	5,897	12,375
North Shewa	180,665	96,383	84,282	162,238	112,025	50,213	16,889	4,581	12,308
East Gojam	254,351	129,705	124,646	186,062	118,873	67,189	9,411	5,876	3,534
West Gojam	333,628	175,691	157,937	280,300	206,892	73,408	9,469	2,800	*
Waghamera	63,473	28,441	35,032	18,227	10,940	7,287	6,149	2,766	3,383
Awi	195,821	99,191	96,631	*	*	44,024	5,617	1,947	3,670
Oromia	53,350	27,148	26,202	11,770	7,169	4,601	4,132	2,706	1,425
Argoba Special	4,957	2,691	2,266	1,070	731	339	306	198	108
Oromia	4,338,705	2,108,109	2,230,596	1,789,145	1,139,001	650,143	351,557	158,052	193,505
West Wellega	180,299	84,943	95,356	89,047	58,652	30,396	25,323	8,648	16,675
East Wellega	187,779	103,877	83,902	75,416	49,297	26,120	*	5,666	*
Illubabor	240,446	121,945	118,501	87,569	53,567	34,002	14,748	6,982	7,766
Jimma	445,585	211,336	234,249	154,234	110,372	43,862	102,349	51,745	50,604
West Shewa	358,742	172,327	186,415	172,829	111,378	61,451	29,086	16,390	12,696
North Shewa	254,495	122,471	132,024	160,910	100,395	60,515	13,056	6,535	6,521
East Shewa	142,687	70,145	72,541	72,387	51,861	20,526	8,563	1,970	6,592
Arsi	420,776	202,023	218,753	182,624	129,354	53,271	17,022	7,582	9,440
West Harerghe	219,879	113,385	106,494	126,301	83,094	43,207	20,413	9,597	10,816
East Harerghe	252,198	131,969	120,229	84,054	36,487	47,567	35,044	13,332	21,713
Bale	308,045	147,759	160,287	105,257	62,529	42,728	18,855	*	13,871
Borena	239,634	111,141	128,494	32,609	15,018	17,591	11,186	*	8,156
South West Shewa	151,675	69,415	82,259	108,680	72,273	36,407	12,777	6,547	6,230
Guji	298,159	130,848	167,311	105,251	61,711	43,541	8,699	*	4,690
West Arsi	438,855	221,536	217,319	111,886	66,977	44,909	7,826	*	2,929
Kelem Wellega	98,600	45,465	53,135	74,724	50,900	23,824	*	*	*
Horoguduru Wellega	100,851	47,524	53,327	45,365	25,137	20,229	2,459	*	1,923

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	167,756	77,878	89,879	8,867	4,450	4,417	3,010	507	2,503
Shinele	4,415	2,127	2,288	*	*	*	*	-	*
Jijiga	104,404	51,638	52,766	4,121	1,886	2,235	2,059	*	1,755
Liben	58,937	24,113	34,824	4,384	*	2,032	923	*	720
Benshangul-Gumuz	139,844	68,889	70,955	73,964	37,912	36,053	*	*	2,446
Metekel	107,974	52,570	55,404	48,574	26,127	22,447	*	*	*
Asosa	18,404	10,113	8,291	17,257	7,342	9,915	*	-	*
Kemeshi	11,264	5,212	6,052	5,930	3,100	2,830	357	*	308
Mao Komo	2,201	993	1,208	2,203	1,343	860	*	-	*
SNNP	2,297,257	1,100,554	1,196,704	954,454	439,926	514,528	219,994	79,273	140,722
Gurage	181,062	84,208	96,854	98,030	49,553	48,477	13,388	5,535	7,852
Hadiya	196,286	91,313	104,973	65,690	38,864	26,826	22,548	7,284	15,264
Kembata Tembaro	79,779	36,157	43,623	38,734	19,185	19,550	10,142	3,251	6,891
Sidama	548,711	268,770	279,941	187,747	25,344	162,402	18,766	3,118	15,648
Gedio	14,512	7,058	7,454	41,639	29,546	12,093	*	*	*
Wolayita	190,894	91,074	99,820	138,780	63,014	75,765	13,374	7,087	6,286
South Omo	227,798	99,785	128,013	43,776	24,881	18,895	29,066	10,863	18,203
Shaka	38,269	20,085	18,184	14,479	9,451	5,028	6,187	2,074	4,113
Kaffa	193,863	100,747	93,116	58,829	32,860	25,969	20,554	7,958	12,597
Gamo Gofa	259,054	129,408	129,646	91,384	48,364	43,020	35,286	12,924	22,363
Bench Maji	75,042	37,399	37,643	38,748	21,345	17,403	25,119	7,106	18,013
Yem Sp. Wereda	10,550	5,147	5,404	7,233	4,799	2,433	2,061	878	1,183
Dawro	63,980	29,194	34,786	28,401	12,708	15,694	1,664	969	696
Basketo Sp. Wereda	8,808	4,391	4,417	5,481	2,751	2,730	1,697	857	840
Konta Sp. Wereda	23,882	10,841	13,041	12,936	6,713	6,223	1,741	412	1,329
Silte	93,844	42,203	51,642	40,210	22,756	17,454	8,823	4,469	4,353
Alaba Sp. Wereda	32,737	13,476	19,260	8,906	5,064	3,842	5,535	2,255	3,280
Segen People	58,187	29,298	28,889	33,451	22,727	10,723	3,262	1,924	1,338
Gambela Region	70,821	29,868	40,953	20,855	10,473	10,382	3,938	1,465	2,472
Angnuwak	6,846	3,855	2,991	9,166	6,834	*	*	*	*
Nuware	52,696	20,507	32,189	5,322	1,569	3,753	2,130	664	1,466
Mezhenger	6,928	3,384	3,545	6,290	2,049	4,241	939	*	577
Itang Special	4,350	2,121	2,229	*	*	*	*	*	*
Harari	14,431	7,508	6,923	3,789	2,607	1,182	1,321	*	1,150
Hundene	14,431	7,508	6,923	3,789	2,607	1,182	1,321	*	1,150
Dire Dawa	11,719	5,974	5,745	3,063	1,703	1,361	1,073	411	662

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	12,286,655	5,919,271	6,367,384	4,688,389	2,554,611	2,133,778	489,444	106,481	382,964
Tigray	703,157	337,676	365,481	231,034	101,845	129,189	7,976	3,175	4,801
North West Tigray	102,932	47,984	54,947	23,245	*	19,104	-	-	-
Central Tigray	153,454	72,728	80,727	33,724	10,999	22,725	*	*	*
Eastern Tigray	241,547	122,629	118,918	67,158	30,847	36,311	3,756	651	*
Southern Tigray	151,979	70,737	81,242	99,417	51,866	47,551	2,856	2,274	*
Western Tigray	53,245	23,598	29,647	7,491	3,993	3,498	*	-	*
Afar	737,184	277,725	459,460	81,439	46,061	35,379	11,537	3,824	7,713
Zone 1	405,432	146,922	258,509	43,845	29,753	14,092	6,771	*	4,318
Zone 3	331,753	130,802	200,951	37,594	16,307	21,287	4,766	*	3,394
Amhara	4,652,674	2,371,248	2,281,426	2,450,739	1,421,431	1,029,308	201,676	48,979	152,696
North Gonder	516,065	244,941	271,124	172,390	100,267	72,123	8,302	*	6,003
South Gonder	560,686	273,488	287,197	165,688	72,341	93,347	14,259	*	11,889
North Wolo	257,446	130,148	127,298	244,734	131,773	112,961	24,477	3,913	20,565
South Wolo	687,150	369,187	317,963	416,468	270,027	146,441	46,073	*	36,258
North Shewa	705,101	328,746	376,355	188,385	123,750	64,634	55,635	*	43,369
East Gojam	823,787	432,172	391,615	445,020	230,887	214,133	13,084	*	10,786
West Gojam	678,637	368,629	310,007	433,180	285,258	147,921	27,518	*	13,669
Waghamera	70,795	36,094	34,700	15,640	8,198	7,442	3,194	*	2,670
Awi	310,821	166,276	144,545	339,421	184,588	154,833	8,267	*	*
Oromia	40,132	20,728	19,404	29,053	14,057	14,996	*	*	*
Argoba Special	2,056	838	1,218	760	283	477	*	*	*
Oromia	4,161,846	1,992,498	2,169,348	1,370,841	783,294	587,546	166,000	33,397	132,604
West Wellega	134,557	64,324	70,233	35,777	10,965	24,812	5,455	*	*
East Wellega	103,927	53,091	50,836	37,616	18,702	18,915	8,886	950	7,936
Illubabor	172,137	85,637	86,500	47,570	15,499	32,071	13,801	*	13,075
Jimma	415,236	189,568	225,669	113,667	64,957	48,709	55,094	14,150	40,945
West Shewa	528,200	254,031	274,168	96,019	46,694	49,325	19,421	*	14,025
North Shewa	484,311	224,149	260,163	346,883	268,451	78,432	12,364	*	9,399
East Shewa	153,489	76,575	76,914	40,109	16,514	23,595	800	*	*
Arsi	634,189	303,161	331,028	158,939	69,521	89,417	6,981	*	6,355
West Harerghe	72,335	38,345	33,989	25,014	6,821	18,192	3,394	*	2,779
East Harerghe	177,716	89,650	88,066	54,174	33,533	20,640	13,100	1,931	11,168
Bale	125,840	60,577	65,263	21,846	6,382	15,464	*	-	*
Borena	114,402	54,234	60,168	12,645	4,672	7,972	8,337	1,383	6,954
South West Shewa	194,094	89,968	104,126	188,020	156,027	31,993	*	*	*
Guji	198,345	102,912	95,432	37,737	7,903	29,834	*	*	1,260
West Arsi	414,615	188,307	226,308	75,080	20,442	54,638	3,253	*	1,558
Kelem Wellega	132,338	66,444	65,894	42,106	17,207	24,899	*	*	*
Horoguduru Wellega	106,116	51,524	54,591	37,640	19,003	18,637	1,110	*	1,016

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	414,495	171,583	242,912	15,882	6,264	9,618	4,850	1,017	3,832
Shinele	18,876	8,137	10,739	661	551	*	391	*	*
Jijiga	264,879	113,080	151,799	8,795	4,719	4,077	*	*	*
Liben	130,740	50,366	80,374	6,426	995	5,431	3,128	477	2,650
Benshangul-Gumuz	54,951	27,956	26,995	24,957	11,545	13,412	*	*	243
Metekel	36,478	19,031	17,446	17,232	7,956	9,275	-	-	-
Asosa	9,096	4,415	4,680	3,506	1,387	2,119	*	*	-
Kemeshi	5,111	2,573	2,538	3,178	2,035	1,142	*	*	-
Mao Komo	4,267	1,937	2,330	1,042	167	875	243	-	243
SNNP	1,515,207	720,837	794,370	501,796	176,352	325,444	93,419	15,151	78,268
Gurage	101,288	47,180	54,108	40,304	21,221	19,083	7,260	2,258	5,002
Hadiya	88,704	42,372	46,332	27,785	9,965	17,820	9,859	*	9,036
Kembata Tembaro	33,428	16,478	16,949	22,641	11,199	11,442	3,681	1,063	2,617
Sidama	199,901	98,696	101,205	74,127	6,675	67,452	*	-	*
Gedio	82,729	43,821	38,909	50,209	16,588	33,621	*	*	*
Wolayita	80,980	42,071	38,909	53,463	16,684	36,779	10,596	2,983	7,613
South Omo	*	*	*	37,897	*	24,638	11,426	2,595	8,831
Shaka	29,837	13,536	16,301	19,961	12,459	7,502	3,865	573	3,293
Kaffa	202,600	107,303	95,297	42,887	18,936	23,951	14,135	*	12,487
Gamo Gofa	144,417	68,237	76,180	43,837	16,789	27,049	8,790	*	8,498
Bench Maji	66,886	32,539	34,347	28,190	12,263	15,927	10,218	*	9,666
Yem Sp. Wereda	13,495	6,413	7,082	2,085	436	1,649	756	*	716
Dawro	38,437	20,186	18,251	15,933	5,751	10,181	*	-	*
Basketo Sp. Wereda	6,583	3,072	3,512	2,068	557	1,511	438	*	404
Konta Sp. Wereda	6,030	3,331	2,699	7,585	3,554	4,031	620	251	369
Silte	101,468	47,346	54,122	17,601	5,587	12,014	3,446	*	2,887
Alaba Sp. Wereda	22,349	10,967	11,381	5,064	1,735	3,329	3,405	551	2,853
Segen People	33,834	16,906	16,929	10,161	2,695	7,466	2,158	373	1,784
Gambela Region	13,419	5,639	7,779	7,165	5,236	1,929	*	*	*
Angnuwak	*	*	*	*	*	*	*	*	*
Nuware	10,067	4,141	5,926	629	288	341	-	-	-
Mezhenger	2,080	732	1,348	5,812	4,501	1,311	*	*	*
Itang Special	*	*	*	*	-	*	-	-	-
Harari	3,074	1,227	1,847	835	457	378	249	*	*
Hundene	3,074	1,227	1,847	835	457	378	249	*	*
Dire Dawa	30,648	12,882	17,766	3,701	2,127	1,575	2,452	294	2,158

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	11,739,864	5,372,242	6,367,622	2,570,439	1,057,749	1,512,689	349,449	69,757	279,692
Tigray	1,645,489	754,490	890,999	227,961	77,090	150,872	7,862	*	5,961
North West Tigray	809,882	359,196	450,686	68,903	15,210	53,693	*	*	*
Central Tigray	332,631	166,914	165,717	50,923	12,544	38,379	-	-	-
Eastern Tigray	79,291	36,890	42,401	29,404	11,504	17,900	*	*	*
Southern Tigray	162,193	77,650	84,542	46,722	26,977	19,745	*	*	*
Western Tigray	261,493	113,840	147,653	32,010	10,855	21,155	1,346	*	1,067
Afar	1,286,659	456,671	829,988	105,187	55,402	49,785	23,909	3,905	20,004
Zone 1	715,686	263,544	452,142	54,656	30,492	24,165	16,910	*	13,756
Zone 3	570,973	193,127	377,846	50,531	24,910	25,620	6,999	*	6,248
Amhara	3,071,935	1,467,197	1,604,738	1,077,411	526,360	551,050	78,325	21,164	57,161
North Gonder	1,004,021	463,673	540,348	249,311	131,471	117,840	11,767	*	*
South Gonder	268,640	133,349	135,291	138,864	68,108	70,756	5,067	*	4,330
North Wolo	249,277	118,860	130,417	148,966	58,077	90,889	7,059	*	6,443
South Wolo	394,000	193,817	200,183	188,300	91,423	96,877	*	*	*
North Shewa	360,213	183,321	176,892	116,467	61,391	55,076	12,047	2,518	9,529
East Gojam	308,747	154,169	154,578	70,581	26,496	44,085	*	*	*
West Gojam	147,438	71,063	76,375	42,364	27,655	14,709	*	-	*
Waghamera	139,348	56,246	83,102	20,321	8,507	11,814	8,235	*	6,129
Awi	84,877	42,310	42,567	74,860	41,412	33,449	*	*	*
Oromia	105,414	45,733	59,681	25,146	11,183	13,963	4,601	*	4,477
Argoba Special	9,960	4,656	5,304	2,232	638	1,594	501	*	396
Oromia	3,599,489	1,729,523	1,869,966	728,024	245,451	482,572	133,142	21,439	111,703
West Wellega	78,876	32,415	46,460	16,332	2,156	*	*	*	*
East Wellega	63,708	31,398	32,310	22,559	10,147	12,413	3,045	-	3,045
Illubabor	106,972	56,969	50,004	19,917	7,545	12,372	8,505	*	7,517
Jimma	245,575	124,889	120,686	46,181	9,173	37,008	23,407	4,495	18,912
West Shewa	244,803	117,906	126,897	32,895	11,413	21,482	4,251	-	4,251
North Shewa	148,855	67,568	81,287	69,115	35,004	34,111	*	*	*
East Shewa	270,900	130,556	140,344	44,264	16,147	28,117	*	*	*
Arsi	368,225	172,815	195,410	42,112	13,383	28,729	6,573	2,563	4,010
West Harerghe	388,201	186,024	202,177	97,188	38,377	58,812	12,742	*	11,388
East Harerghe	426,327	216,801	209,526	65,367	21,008	44,359	21,788	5,593	16,195
Bale	296,670	134,956	161,714	98,967	19,757	79,210	5,881	*	4,745
Borena	289,076	126,544	162,532	18,181	4,631	13,550	9,142	1,357	7,785
South West Shewa	173,254	101,273	71,981	50,661	27,297	23,364	5,563	1,081	4,483
Guji	173,248	72,899	100,349	19,906	4,096	15,809	5,113	-	5,113
West Arsi	166,349	82,806	83,543	40,292	10,743	29,550	*	*	*
Kelem Wellega	76,506	35,213	41,293	22,177	4,465	17,712	*	*	*
Horoguduru Wellega	81,944	38,491	43,453	21,909	10,111	11,799	1,171	*	1,077

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	580,588	224,944	355,644	23,943	9,686	14,256	11,878	3,560	8,318
Shinele	47,496	18,866	28,630	2,519	1,543	976	934	*	552
Jijiga	189,282	85,875	103,407	9,835	*	4,588	2,196	*	1,487
Liben	343,810	120,203	223,607	11,589	2,896	8,693	8,748	2,469	6,279
Benshangul-Gumuz	277,952	124,497	153,455	81,215	25,901	55,314	6,416	2,576	3,840
Metekel	124,780	60,980	63,800	51,092	20,766	30,326	3,408	*	1,676
Asosa	110,457	45,022	65,435	22,175	2,912	19,263	*	*	*
Kemeshi	29,606	12,731	16,875	4,933	1,635	3,298	775	*	640
Mao Komo	13,109	5,764	7,345	3,014	588	2,426	416	*	326
SNNP	1,146,681	554,089	592,591	309,858	109,847	200,011	78,471	13,676	64,795
Gurage	51,250	26,346	24,904	31,470	15,392	16,078	*	*	*
Hadiya	56,682	28,445	28,238	20,173	7,724	12,449	4,500	*	4,153
Kembata Tembaro	17,911	8,402	9,509	7,726	2,256	5,470	1,649	*	1,284
Sidama	89,731	48,538	41,193	61,057	*	31,376	*	-	*
Gedio	3,452	1,962	1,490	*	*	*	*	*	-
Wolayita	47,922	23,788	24,134	32,940	9,132	23,808	3,612	*	3,125
South Omo	335,791	144,197	191,594	28,039	7,119	20,920	22,382	*	15,577
Shaka	10,957	5,247	5,710	7,270	3,513	3,757	*	-	*
Kaffa	128,183	68,717	59,466	26,484	11,413	15,071	11,347	1,652	9,695
Gamo Gofa	122,933	64,952	57,981	27,691	6,455	21,236	13,905	*	12,968
Bench Maji	37,077	17,705	19,372	12,166	3,024	9,142	7,051	889	6,162
Yem Sp. Wereda	18,319	8,842	9,476	2,579	501	2,078	1,077	*	1,019
Dawro	23,771	12,717	11,054	7,655	3,420	4,235	*	*	*
Basketo Sp. Wereda	3,725	1,699	2,026	1,258	617	641	*	-	*
Konta Sp. Wereda	5,131	2,233	2,897	4,051	1,355	2,696	416	*	379
Silte	85,973	40,456	45,517	20,422	4,487	15,935	4,951	*	4,037
Alaba Sp. Wereda	26,250	12,201	14,049	4,139	*	3,241	2,748	*	2,159
Segen People	81,623	37,643	43,981	12,860	2,470	10,390	1,744	*	1,556
Gambela Region	29,365	13,586	15,780	5,564	2,049	3,515	3,125	*	2,428
Angnuwak	9,392	4,737	4,655	2,376	601	1,775	*	*	*
Nuware	14,629	5,943	8,686	617	*	456	71	*	*
Mezhenger	1,862	1,118	743	2,437	1,288	1,149	*	*	*
Itang Special	*	1,788	*	*	-	*	*	*	*
Harari	23,893	11,763	12,130	3,257	1,501	1,757	1,724	161	1,563
Hundene	23,893	11,763	12,130	3,257	1,501	1,757	1,724	161	1,563
Dire Dawa	77,813	35,482	42,331	8,018	4,460	3,558	4,597	679	3,918

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	151,104	78,553	72,551	199,418	120,413	79,005	12,934	3,585	9,349
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	*	*	-	-	-	-
Central Tigray	*	*	*	*	-	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-	-	-
Western Tigray	*	*	*	*	*	*	-	-	-
Afar	*	*	*	*	-	*	-	-	-
Zone 1	*	*	-	-	-	-	-	-	-
Zone 3	*	*	*	*	-	*	-	-	-
Amhara	38,038	19,271	18,767	48,443	25,947	22,496	3,685	*	2,957
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	-	*	*	*	-	-	-
North Wolo	3,118	*	2,139	*	*	*	*	*	*
South Wolo	7,977	3,008	4,970	6,696	*	3,613	-	-	-
North Shewa	8,105	*	5,159	5,452	2,062	3,389	*	-	*
East Gojam	7,185	5,029	*	13,511	9,104	4,406	*	-	*
West Gojam	*	*	*	*	*	*	-	-	-
Waghamera	-	-	-	*	*	*	*	*	*
Awi	4,540	*	*	9,219	5,951	3,268	*	-	*
Oromia	-	-	-	*	-	*	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	89,368	48,066	41,302	107,466	67,020	40,446	6,175	2,016	4,159
West Wellega	-	-	-	*	*	-	*	*	*
East Wellega	*	*	*	*	*	*	*	*	-
Illubabor	8,373	4,353	4,020	4,760	1,580	3,179	*	-	*
Jimma	*	*	*	4,177	2,897	*	*	*	*
West Shewa	11,130	5,635	5,495	14,092	8,679	5,413	*	-	*
North Shewa	9,256	*	5,026	8,322	*	2,758	*	*	*
East Shewa	-	-	-	4,242	4,242	-	-	-	-
Arsi	18,619	10,084	8,536	29,136	14,621	14,515	-	-	-
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	5,935	4,970	*	*	*	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	*	*	*	11,639	11,090	*	*	-	*
Guji	7,582	5,467	2,115	6,722	3,704	3,018	*	*	-
West Arsi	12,438	*	3,500	13,680	7,002	6,678	*	*	-
Kelem Wellega	1,464	*	*	*	*	*	*	-	*
Horoguduru Wellega	4,305	1,669	2,636	2,434	1,593	841	588	*	*

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	19,608	9,343	10,264	41,401	26,340	15,061	3,029	796	2,233
Gurage	1,524	*	*	5,068	3,756	*	*	*	*
Hadiya	*	*	*	6,335	3,953	2,382	*	-	*
Kembata Tembaro	*	*	*	1,045	*	*	*	-	*
Sidama	*	-	*	6,096	*	*	-	-	-
Gedio	*	*	*	*	*	*	-	-	-
Wolayita	-	-	-	*	-	*	-	-	-
South Omo	*	*	*	*	*	*	*	*	-
Shaka	*	*	*	*	*	*	*	*	-
Kaffa	5,616	3,377	2,239	7,660	6,876	785	-	-	-
Gamo Gofa	4,227	*	*	3,223	*	2,473	*	*	*
Bench Maji	1,244	*	1,010	1,468	796	*	*	*	*
Yem Sp. Wereda	*	*	*	-	-	-	-	-	-
Dawro	*	*	*	467	270	*	-	-	-
Basketo Sp. Wereda	-	-	-	114	114	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	*	-	-	-
Silte	1,886	1,118	*	5,011	1,927	3,084	*	-	*
Alaba Sp. Wereda	*	-	*	*	*	-	-	-	-
Segen People	-	-	-	*	*	*	-	-	-
Gambela Region	*	*	*	702	613	*	*	*	-
Angnuwak	-	-	-	*	*	*	*	*	-
Nuware	*	*	*	-	-	-	-	-	-
Mezhenger	-	-	-	567	524	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	*	*	-	*	-	*	-	-	-

e. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	633,954	324,377	309,578	745,074	435,511	309,563	31,745	12,820	18,925
Tigray	59,166	31,391	27,776	50,922	28,270	22,651	*	*	-
North West Tigray	31,711	18,135	13,576	10,267	3,204	7,063	-	-	-
Central Tigray	5,786	4,030	1,757	9,160	4,649	4,512	-	-	-
Eastern Tigray	4,781	2,100	2,681	11,012	5,741	5,271	-	-	-
Southern Tigray	13,276	5,019	8,257	16,756	11,137	5,619	*	*	-
Western Tigray	3,612	2,107	1,505	3,727	3,540	*	*	*	-
Afar	13,677	6,099	7,578	4,134	1,545	*	*	*	*
Zone 1	3,986	*	2,249	*	*	*	-	-	-
Zone 3	9,691	4,362	*	*	*	*	*	*	*
Amhara	278,833	145,931	132,902	294,544	172,553	121,991	9,928	3,481	6,447
North Gonder	35,198	18,603	16,595	46,079	31,808	14,271	-	-	-
South Gonder	36,757	17,972	18,785	37,142	16,746	20,396	*	*	-
North Wolo	24,820	14,251	10,569	23,096	11,976	11,120	913	*	*
South Wolo	40,415	26,010	14,405	41,349	27,586	13,763	5,036	*	3,993
North Shewa	48,037	25,548	22,490	34,920	18,038	16,881	*	*	*
East Gojam	45,053	21,269	23,783	49,733	31,272	18,461	*	*	*
West Gojam	29,942	13,807	16,135	36,042	18,300	17,742	-	-	-
Waghamera	6,266	2,649	3,618	11,772	8,091	3,680	*	*	-
Awi	7,017	3,303	3,714	11,059	7,393	3,666	*	*	-
Oromia	4,946	2,349	2,597	2,990	1,189	1,801	495	*	*
Argoba Special	382	170	212	363	154	209	*	*	*
Oromia	230,363	115,693	114,671	293,282	166,902	126,379	14,985	5,238	9,747
West Wellega	12,213	5,711	6,502	16,185	7,343	8,842	*	*	*
East Wellega	9,365	5,637	3,729	19,966	16,059	3,906	527	*	*
Illubabor	3,304	1,484	1,820	4,791	3,387	1,403	*	*	-
Jimma	2,487	1,698	*	17,849	11,354	6,495	*	-	*
West Shewa	21,279	8,528	12,751	19,420	9,488	9,932	*	*	*
North Shewa	28,101	13,421	14,680	33,777	16,917	16,861	2,032	*	1,377
East Shewa	18,344	9,169	9,175	17,505	10,549	6,956	*	*	*
Arsi	34,738	18,976	15,763	28,005	12,982	15,023	2,363	*	*
West Harerghe	13,426	6,879	6,547	24,567	13,475	11,092	1,696	*	*
East Harerghe	17,491	8,612	8,880	12,280	*	7,921	3,289	*	2,564
Bale	16,827	8,298	8,529	24,229	19,057	5,173	*	*	-
Borena	6,186	2,837	3,349	3,241	2,371	*	*	-	*
South West Shewa	13,001	6,002	6,999	19,521	9,666	9,855	*	*	-
Guji	2,973	*	*	9,301	5,875	3,426	-	-	-
West Arsi	15,511	7,389	8,123	24,513	12,116	12,397	-	-	-
Kelem Wellega	4,020	2,384	1,636	10,450	6,968	3,483	*	*	*
Horoguduru Wellega	11,095	6,634	4,461	7,681	4,937	2,743	*	*	*

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	6,552	3,624	2,928	3,701	2,751	*	*	*	*
Shinele	368	257	111	-	-	-	*	-	*
Jijiga	4,870	2,735	2,135	*	*	*	*	*	-
Liben	1,314	632	682	*	*	*	*	*	*
Benshangul-Gumuz	3,944	2,067	1,877	22,683	17,091	5,592	*	*	-
Metekel	1,755	895	860	11,129	9,766	*	*	*	-
Asosa	2,026	1,113	913	7,777	3,948	3,829	*	*	-
Kemeshi	*	*	*	3,055	2,871	*	*	*	-
Mao Komo	*	*	-	721	506	216	-	-	-
SNNP	39,462	18,480	20,982	74,070	45,575	28,495	4,214	2,585	1,629
Gurage	4,826	2,035	2,791	4,792	3,089	1,703	*	*	-
Hadiya	5,453	3,312	2,142	12,553	7,990	4,563	*	*	*
Kembata Tembaro	815	*	*	6,107	5,580	528	*	*	-
Sidama	*	*	*	*	*	*	*	*	-
Gedio	*	-	*	*	*	-	-	-	-
Wolayita	*	*	*	10,350	8,182	*	-	-	-
South Omo	4,333	1,266	3,067	906	609	*	-	-	-
Shaka	*	-	*	815	815	-	-	-	-
Kaffa	-	-	-	*	*	-	-	-	-
Gamo Gofa	*	*	*	12,115	6,262	5,853	*	*	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	369	228	141	187	*	*	*	*	*
Dawro	*	*	-	627	562	*	-	-	-
Basketo Sp. Wereda	*	*	-	277	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	8,668	4,780	3,889	9,595	2,004	7,591	*	-	*
Alaba Sp. Wereda	4,009	1,932	2,078	2,044	441	*	877	*	630
Segen People	2,846	1,454	1,392	3,426	2,205	1,221	-	-	-
Gambela Region	-	-	-	315	315	-	-	-	-
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	410	192	218	366	245	*	179	149	*
Hundene	410	192	218	366	245	*	179	149	*
Dire Dawa	1,546	900	646	1,057	263	794	460	128	333

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	47,225	19,337	27,888	63,778	32,698	31,079	1,557	997	*
Tigray	*	*	*	*	*	*	*	-	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	*	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	*	*	-	*
Western Tigray	-	-	-	-	-	-	-	-	-
Afar	*	*	-	*	-	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	*	-	*	-	*	-	-	-
Amhara	*	*	21,548	35,394	17,299	18,094	*	*	-
North Gonder	*	-	*	*	*	*	-	-	-
South Gonder	*	*	*	2,284	*	1,577	-	-	-
North Wolo	*	*	*	4,217	*	2,517	-	-	-
South Wolo	3,477	*	*	*	*	*	-	-	-
North Shewa	*	*	-	*	*	*	-	-	-
East Gojam	*	*	*	*	*	*	-	-	-
West Gojam	*	*	*	8,977	1,855	7,123	-	-	-
Waghamera	-	-	-	*	*	*	*	*	-
Awi	*	*	*	9,106	6,237	2,869	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	*	*	-	-	-	-	-	-	-
Oromia	9,788	5,505	4,283	18,422	8,672	9,751	1,035	*	*
West Wellega	*	*	-	*	*	*	*	-	*
East Wellega	-	-	-	1,375	*	977	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	-	-	-	2,703	*	2,274	-	-	-
West Shewa	*	*	*	2,826	*	*	-	-	-
North Shewa	*	*	*	*	-	*	-	-	-
East Shewa	-	-	-	*	*	-	-	-	-
Arsi	*	*	*	*	*	*	-	-	-
West Harerghe	-	-	-	-	-	-	-	-	-
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	*	*	-	921	921	-	*	*	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	-	-	-	*	*	-	-	-	-
Guji	-	-	-	*	1,235	*	*	*	-
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	*	-	*	*	*	*	*	-	*
Metekel	-	-	-	*	*	*	*	-	*
Asosa	*	-	*	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	1,155	*	*	7,904	5,237	2,667	-	-	-
Gurage	*	*	-	-	-	-	-	-	-
Hadiya	-	-	-	*	*	-	-	-	-
Kembata Tembaro	*	*	-	*	-	*	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	*	*	*	-	-	-
Wolayita	-	-	-	*	*	*	-	-	-
South Omo	*	-	*	-	-	-	-	-	-
Shaka	-	-	-	*	*	*	-	-	-
Kaffa	-	-	-	2,268	*	*	-	-	-
Gamo Gofa	*	*	-	*	*	*	-	-	-
Bench Maji	*	-	*	*	-	*	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	*	*	*	738	524	*	-	-	-
Basketo Sp. Wereda	-	-	-	162	126	*	-	-	-
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	193,349	73,407	119,943	39,019	30,862	8,157	4,079	1,688	2,390
Tigray	*	*	*	8,922	8,521	*	-	-	-
North West Tigray	*	-	*	4,102	4,102	-	-	-	-
Central Tigray	-	-	-	1,332	1,332	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	3,186	2,785	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	82,246	28,021	54,224	6,527	*	3,240	*	*	*
Zone 1	23,989	*	14,727	*	*	*	*	*	*
Zone 3	58,257	18,760	39,497	2,966	764	*	*	*	*
Amhara	*	*	*	14,661	14,661	-	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	*	*	-	4,917	4,917	-	*	*	-
South Wolo	-	-	-	*	*	-	-	-	-
North Shewa	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	*	-	*	2,870	2,870	-	*	*	-
Argoba Special	-	-	-	26	26	-	-	-	-
Oromia	58,949	23,253	35,696	6,135	3,158	2,977	*	*	*
West Wellega	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	-	-	-
Arsi	*	*	*	*	*	-	-	-	-
West Harerghe	9,834	4,106	*	*	-	*	*	-	*
East Harerghe	6,724	2,711	4,013	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	16,139	7,169	8,970	*	*	*	*	*	*
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	*	*	*	*	*	*	*	*	*
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	*	*	*	-	-	-	-	-	-

TABLE 3-19 - g CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	48,828	21,046	27,782	2,444	*	*	*	*	*
Shinele	1,026	586	440	*	*	-	*	-	*
Jijiga	12,190	5,583	6,607	*	-	*	-	-	-
Liben	35,612	14,877	20,734	2,314	*	*	*	*	*
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	742	322	420	252	*	*	*	-	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	87,847,941	11,799,499	563,189
Tigray	10,166,079	1,349,306	64,595
North West Tigray	4,519,633	247,509	13,777
Central Tigray	2,070,914	310,646	18,587
Eastern Tigray	742,791	235,767	8,833
Southern Tigray	1,280,421	364,779	16,126
Western Tigray	1,552,320	190,606	7,272
Afar	129,865	13,230	*
Zone 1	*	*	*
Zone 3	126,457	13,003	*
Amhara	34,792,165	5,111,014	136,439
North Gondar	12,708,020	1,149,810	47,377
South Gondar	3,793,723	546,120	*
North Wolo	1,369,759	446,902	7,189
South Wolo	1,673,635	769,876	11,339
North Shewa	2,345,897	683,839	13,571
East Gojam	1,744,207	357,420	*
West Gojam	7,873,177	718,853	19,430
Waghamera	427,165	62,759	8,805
Awii	2,432,653	312,529	*
Oromia	387,905	58,495	*
Argoba Special	36,024	4,411	379
Oromia	27,095,943	3,014,498	213,137
West Wellega	2,581,627	200,416	6,970
East Wellega	1,440,721	134,706	7,902
Illubabor	1,353,391	165,878	17,283
Jimma	2,239,295	199,641	39,971
West Shewa	2,423,669	380,632	16,976
North Shewa	804,920	207,908	2,721
East Shewa	1,516,064	138,439	*
Arsi	2,338,245	369,641	7,144
West Harerghe	1,936,695	176,182	22,580
East Harerghe	1,989,684	87,526	42,525
Bale	720,239	127,332	2,693
Borena	543,718	74,616	3,358
South West Shewa	1,476,660	190,118	11,284
Gujji	1,332,625	107,016	3,254
West Arsi	1,447,206	187,220	4,271
Kelem Wellega	1,961,058	190,911	9,888
Horoguduru Wellega	990,125	76,317	6,406

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	144,303	6,239	2,461
Shinele	4,808	*	*
Jijiga	*	-	*
Liben	138,335	6,137	*
Benshangul-Gumuz	2,803,352	255,976	13,673
Metekel	1,634,589	145,722	4,964
Asosa	792,757	82,538	*
Kemeshi	238,285	16,753	1,524
Mao Komo	137,720	10,963	945
SNNP	11,954,123	1,998,218	115,143
Gurage	400,629	*	*
Hadiya	784,073	125,374	9,618
Kembata Tembaro	296,591	77,863	8,065
Sidama	1,635,032	393,871	8,031
Gedio	279,172	120,874	-
Wolayita	895,210	143,952	7,765
South Omo	711,410	82,226	11,292
Shaka	484,148	78,683	4,428
Kaffa	2,095,333	122,080	14,765
Gamo Gofa	1,342,642	157,921	18,242
Bench Maji	1,557,571	117,612	9,389
Yem Sp. Wereda	56,678	7,229	1,810
Dawro	165,219	29,271	675
Basketo Sp. Wereda	60,769	10,445	129
Konta Sp. Wereda	105,216	19,199	1,466
Silte	559,240	70,031	9,734
Alaba Sp. Wereda	165,386	7,264	3,581
Segen People	359,805	41,192	1,917
Gambela Region	597,084	46,302	*
Angnuwak	313,666	14,989	*
Nuware	135,851	3,156	*
Mezhenger	84,449	26,668	*
Itang Special	63,118	1,490	*
Harari	76,807	1,479	1,004
Hundene	76,807	1,479	1,004
Dire Dawa	88,222	3,236	3,878

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

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	6,367,410	3,976,047	2,391,363	499,841	69,830	230,011	3,925,952	1,519,213	2,406,738	672,304	266,925	405,379
Tigray	411,668	262,363	149,305	46,781	26,470	20,310	213,803	93,031	120,772	52,716	25,810	26,906
North West Tigray	133,347	85,297	48,051	20,061	11,656	8,405	93,474	40,862	52,612	29,708	13,051	16,657
Central Tigray	61,052	39,790	21,262	8,433	5,104	3,330	29,254	13,705	15,550	5,306	3,745	1,560
Eastern Tigray	62,428	37,943	24,485	5,526	3,193	2,333	15,722	5,343	10,379	*	1,258	*
Southern Tigray	87,948	57,403	30,546	4,054	2,219	1,835	26,568	12,142	14,426	7,452	4,093	3,359
Western Tigray	66,893	41,931	24,962	8,706	4,299	4,408	48,785	20,979	27,807	7,099	3,662	3,437
Afar	132,707	61,506	71,202	15,602	6,479	9,122	684,833	143,081	541,752	8,851	3,155	5,696
Zone 1	77,390	35,640	41,750	7,564	2,761	4,803	234,718	53,338	181,380	6,452	*	4,969
Zone 3	55,318	25,866	29,451	8,037	3,718	4,319	450,115	89,743	360,372	2,399	1,672	*
Amhara	1,921,923	1,285,623	636,300	149,210	71,600	77,610	705,484	312,089	393,395	90,846	34,383	56,464
North Gondar	345,257	213,026	132,231	18,286	8,184	10,101	172,538	71,215	101,323	13,073	3,346	9,726
South Gondar	194,923	118,605	76,318	12,000	6,005	5,995	74,798	31,737	43,061	13,349	6,378	6,971
North Wolo	134,436	85,635	48,801	17,175	10,364	6,812	41,355	20,144	21,211	10,095	4,376	5,718
South Wolo	262,964	177,744	85,219	27,452	10,116	17,337	79,389	30,826	48,562	8,880	4,713	4,168
North Shewa	136,669	94,715	41,954	29,792	12,808	16,985	66,770	31,174	35,597	7,480	2,823	4,657
East Gojam	216,654	138,224	78,430	21,391	11,257	10,134	80,395	39,584	40,811	16,502	4,777	11,725
West Gojam	322,766	233,164	89,602	9,117	5,261	3,857	65,560	38,549	27,012	10,128	3,425	6,703
Waghamera	42,433	23,842	18,591	4,558	2,473	2,084	32,573	14,845	17,728	3,821	752	3,069
Awi	237,183	*	54,846	7,611	4,228	3,383	65,850	24,831	41,019	5,913	2,895	3,019
Oromia	26,721	17,010	9,711	1,606	772	833	23,213	7,816	15,397	1,370	*	*
Argoba Special	1,916	1,321	596	222	132	90	3,043	1,369	1,674	236	153	83
Oromia	2,710,852	1,723,962	986,890	164,995	88,711	76,284	1,550,443	647,796	902,647	331,922	129,311	202,611
West Wellega	93,054	61,513	31,541	3,828	2,423	1,404	63,104	26,056	37,048	*	*	*
East Wellega	114,697	77,316	37,382	4,590	1,479	3,111	99,458	38,888	60,569	10,432	4,042	6,390
Illubabor	140,085	89,884	50,201	5,416	2,587	2,829	121,241	44,649	76,592	21,780	7,716	14,064
Jimma	252,999	173,334	79,665	*	*	*	128,615	59,943	68,672	69,178	25,804	43,375
West Shewa	239,783	160,166	79,617	7,571	4,401	3,170	125,085	56,690	68,396	15,064	8,391	*
North Shewa	181,347	104,875	76,472	19,618	9,064	10,554	84,074	41,605	42,470	7,713	4,238	3,475
East Shewa	103,062	68,254	34,809	13,762	7,991	5,770	53,326	25,149	28,177	6,132	3,326	2,806
Arsi	315,719	211,905	103,814	12,646	5,310	7,336	153,408	71,194	82,214	29,353	11,339	18,014
West Harerghe	211,179	135,941	75,238	1,637	1,102	*	79,421	29,881	49,541	17,981	6,319	11,661
East Harerghe	124,675	72,808	51,868	5,037	3,400	1,638	101,158	31,438	69,721	51,164	15,811	35,353
Bale	160,977	99,353	61,624	4,807	1,997	2,810	100,764	44,203	56,561	8,874	2,841	6,033
Borena	122,982	76,573	46,408	3,076	1,671	1,405	61,332	21,427	39,904	15,412	4,281	11,132
South West Shewa	108,413	68,750	39,663	19,868	10,659	9,209	68,691	31,801	36,890	11,955	8,371	3,584
Guji	149,765	90,591	59,175	*	*	*	76,114	27,884	48,229	8,525	*	5,880
West Arsi	263,277	148,850	114,427	7,851	5,402	2,449	149,316	54,626	94,690	*	7,180	*
Kelem Wellega	71,813	50,591	21,222	1,697	1,440	*	44,628	22,710	21,918	4,231	2,963	1,268
Horoguduru	57,024	33,260	23,764	1,889	843	1,045	40,708	19,652	21,056	5,573	2,325	3,248

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	33,254	20,993	12,261	2,422	1,748	674	32,082	10,882	21,199	2,326	884	1,442
Shinele	632	497	135	*	*	-	3,988	1,213	2,776	*	*	*
Jijiga	21,525	13,318	8,207	699	401	*	14,493	5,262	9,231	1,269	*	*
Liben	11,097	7,178	3,920	1,698	1,321	*	13,600	4,408	9,193	1,004	*	*
Benshangul-Gumuz	77,348	46,655	30,693	10,909	*	4,315	69,825	31,418	38,407	3,441	1,824	1,616
Metekel	55,470	32,683	22,787	10,130	*	3,823	50,402	21,526	28,877	2,893	1,598	*
Asosa	13,607	8,505	5,102	*	*	420	14,255	7,683	6,572	*	*	*
Kemeshi	7,185	4,799	2,386	*	*	*	3,623	1,362	2,261	*	*	*
Mao Komo	1,086	667	418	*	*	*	1,545	848	697	*	-	*
SNNP	050,610	556,998	493,612	108,908	67,574	41,334	616,398	260,445	355,953	169,535	67,766	101,769
Gurage	65,802	36,563	29,239	65,704	43,047	22,657	72,755	26,845	45,910	6,685	2,397	*
Hadiya	77,704	46,479	31,225	4,981	3,055	*	73,667	28,644	45,023	19,337	6,849	12,487
Kembata Tembaro	49,729	28,458	21,271	*	*	*	33,234	15,419	17,815	6,611	3,115	3,496
Sidama	242,747	72,383	170,364	9,944	7,242	*	58,082	19,335	38,747	12,095	*	10,568
Gedio	33,991	24,941	9,050	*	*	*	1,545	*	1,186	-	-	-
Wolayita	85,657	49,507	36,149	*	*	-	53,710	27,229	26,480	6,284	2,526	3,758
South Omo	51,073	33,418	17,655	*	*	2,005	57,736	22,836	34,900	28,621	*	12,257
Shaka	26,963	17,364	9,599	1,269	*	1,073	8,613	3,166	5,447	10,653	5,120	5,533
Kaffa	86,415	55,055	31,360	3,937	1,099	2,839	45,681	22,876	22,805	18,605	6,812	11,793
Gamo Gofa	142,667	82,392	60,276	3,180	1,672	1,509	77,392	35,832	41,561	20,003	8,023	11,980
Bench Maji	46,506	27,846	18,659	2,075	*	1,685	29,895	15,615	14,279	26,749	9,183	17,566
Yem Sp. Wereda	10,433	6,858	3,575	641	315	326	3,145	1,816	1,329	2,674	1,018	1,657
Dawro	33,881	18,905	14,976	1,027	629	398	20,574	8,869	11,705	1,256	635	621
Basketo Sp. Wereda	4,891	2,521	2,370	372	182	190	4,267	1,671	2,596	1,584	561	1,024
Konta Sp. Wereda	11,776	6,057	5,719	*	*	-	7,803	3,895	3,908	616	294	*
Silte	44,466	24,342	20,124	5,312	2,160	3,152	30,113	10,967	19,147	2,517	*	1,772
Alaba Sp. Wereda	10,161	4,863	5,298	1,500	1,023	478	10,889	3,948	6,941	2,340	831	1,508
Segen People	25,749	19,047	6,702	769	683	*	27,298	11,124	16,174	2,904	1,766	1,138
Gambela Region	19,388	11,465	7,923	617	324	293	43,810	17,148	26,662	10,585	3,136	7,449
Angnuwak	5,647	4,835	812	*	*	*	14,107	7,947	*	*	*	-
Nuware	8,410	4,574	3,836	*	*	*	26,229	7,918	18,311	9,809	2,949	6,861
Mezhenger	4,997	1,946	3,051	228	*	*	1,209	397	812	519	*	420
Itang Special	334	*	*	*	*	-	2,265	886	1,379	*	*	*
Harari	5,562	3,712	1,850	218	218	-	4,748	1,882	2,866	988	362	626
Hundene	5,562	3,712	1,850	218	218	-	4,748	1,882	2,866	988	362	626
Dire Dawa	4,098	2,771	1,327	180	*	*	4,525	1,440	3,085	1,094	295	800

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	6,852,191	3,832,420	3,019,771	3,539,278	2,609,365	929,913	4,989,677	1,577,148	3,412,528	335,190	05,670	229,520
Tigray	444,741	264,782	179,959	296,096	208,274	87,822	292,017	86,709	205,308	*	*	*
North West Tigray	44,958	27,416	17,542	26,476	18,307	8,168	33,687	13,214	20,474	-	-	-
Central Tigray	67,125	38,568	28,557	41,811	27,256	14,555	75,152	21,546	53,606	*	-	*
Eastern Tigray	122,229	60,666	61,563	116,332	81,135	35,197	97,863	24,665	73,198	1,678	*	*
Southern Tigray	*	*	67,648	95,823	70,485	25,339	59,122	18,282	40,840	*	*	*
Western Tigray	14,957	10,307	4,650	15,654	11,091	4,563	26,193	9,002	17,191	*	*	*
Afar	429,471	224,923	204,548	66,809	45,697	21,112	1,099,177	287,845	811,332	15,742	4,808	10,934
Zone 1	254,963	139,208	115,756	51,385	37,517	13,868	579,827	160,058	419,768	10,991	2,244	8,747
Zone 3	174,508	85,716	88,792	15,424	8,180	*	519,351	127,787	391,564	4,751	2,564	2,187
Amhara	2,771,319	1,485,970	1,285,349	2,208,216	1,608,536	599,680	1,329,963	452,376	877,587	102,653	35,801	66,852
North Gondar	337,419	139,875	197,544	229,515	198,863	30,652	147,261	47,050	100,211	*	*	*
South Gondar	253,679	121,982	131,697	180,543	126,341	54,202	98,487	31,531	66,956	3,948	*	2,626
North Wolo	272,261	126,680	145,581	245,604	168,734	76,870	99,449	35,653	63,796	9,300	3,961	5,339
South Wolo	526,464	339,052	187,412	191,154	120,319	70,835	271,493	99,706	171,786	*	*	*
North Shewa	322,344	204,896	117,448	187,211	142,781	44,430	290,151	109,099	181,052	8,358	*	6,970
East Gojam	393,948	185,387	208,560	502,800	358,444	144,356	165,544	47,659	117,886	13,834	5,368	8,466
West Gojam	413,976	238,356	175,620	331,638	264,825	66,813	122,370	41,385	80,985	7,475	*	5,226
Waghamera	53,976	31,380	22,595	26,266	19,413	6,853	42,279	14,811	27,468	*	*	*
Awı	167,000	82,671	84,329	304,703	202,780	101,923	77,071	19,467	57,604	3,494	*	2,346
Oromia	27,387	14,482	12,905	8,409	5,808	2,601	13,292	5,260	8,032	*	*	-
Argoba Special	2,867	1,208	1,658	374	229	145	2,566	756	1,810	*	-	*
Oromia	2,419,608	1,435,656	983,953	725,674	554,196	171,479	1,549,202	511,146	1,038,057	103,969	22,757	81,212
West Wellega	59,942	30,959	28,983	7,530	7,034	*	40,090	16,237	23,853	*	*	*
East Wellega	46,303	22,907	23,396	17,507	14,020	3,487	34,233	14,031	20,202	1,832	*	1,450
Illubabor	71,567	36,269	35,298	19,472	14,000	5,472	66,165	23,811	42,354	6,726	1,026	5,700
Jimma	187,921	107,186	80,734	54,352	50,545	3,807	133,918	50,362	83,556	22,750	2,942	19,808
West Shewa	263,830	137,459	126,371	49,800	37,941	11,859	167,139	49,946	117,193	6,742	*	4,285
North Shewa	322,473	236,749	85,724	287,221	188,641	98,581	213,004	59,911	153,093	15,530	*	13,614
East Shewa	79,651	52,687	26,964	28,688	25,608	3,079	61,744	21,223	40,520	1,730	*	*
Arsi	432,348	250,227	182,121	73,177	55,491	17,685	216,506	76,517	139,990	12,477	1,750	10,728
West Harerghe	59,031	29,181	29,850	8,043	6,861	*	25,034	9,290	15,744	2,324	*	1,689
East Harerghe	85,459	44,438	41,021	33,903	32,533	1,370	55,296	18,574	36,722	10,151	4,263	5,888
Bale	58,461	36,837	21,624	13,926	11,452	2,474	*	*	*	*	*	*
Borena	71,745	47,229	24,516	8,923	6,968	1,955	82,009	27,269	54,740	6,203	2,569	3,634
South West Shewa	193,200	138,789	54,410	52,933	49,073	3,859	111,269	35,564	75,705	4,729	*	3,850
Guji	69,689	36,173	33,516	10,972	8,835	2,137	52,544	20,470	32,075	*	*	*
West Arsi	306,076	171,099	134,977	23,475	17,901	5,575	159,238	46,769	112,469	*	*	*
Kelem Wellega	54,480	29,544	24,935	16,179	11,670	4,509	31,646	13,478	18,167	2,574	*	1,979
Horoguduru	57,433	27,921	29,512	19,573	15,621	3,951	41,424	13,640	27,783	1,203	*	1,109

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	160,286	109,734	50,552	63,092	44,259	18,833	194,883	75,210	119,673	5,736	1,231	4,505
Shinele	10,047	5,546	4,501	2,792	2,317	475	36,931	12,362	24,569	425	109	316
Jijiga	116,042	84,386	31,656	31,592	22,337	9,254	109,323	47,376	61,947	2,235	*	1,649
Liben	34,198	19,802	14,395	28,709	19,604	9,104	48,629	15,472	33,157	3,076	*	2,540
Benshangul-Gumuz	19,127	7,993	11,134	18,145	15,338	2,806	27,818	9,283	18,535	*	-	*
Metekel	10,998	4,672	6,326	13,737	11,882	1,855	17,379	5,299	12,080	-	-	-
Asosa	4,842	1,704	3,138	1,993	1,352	*	5,322	2,004	3,318	-	-	-
Kemeshi	2,222	1,180	1,042	2,285	2,027	258	3,075	1,367	1,709	-	-	-
Mao Komo	1,065	437	627	130	77	*	2,042	613	1,429	*	-	*
SNNP	593,736	294,838	298,898	150,399	123,292	27,106	459,169	145,300	313,869	66,611	23,994	42,617
Gurage	37,755	16,472	21,283	33,371	26,685	6,686	59,059	15,139	*	*	*	*
Hadiya	42,956	16,000	26,956	6,057	4,281	*	24,376	7,146	17,231	4,675	*	3,402
Kembata Tembaro	18,190	10,606	7,583	1,056	912	*	6,308	*	4,463	*	-	*
Sidama	89,682	34,150	55,532	*	5,809	*	19,603	6,589	13,014	*	*	*
Gedio	55,591	30,560	25,031	5,992	5,874	*	12,690	6,352	6,338	*	*	-
Wolayita	26,532	13,078	13,453	*	*	*	17,647	6,597	11,049	*	*	*
South Omo	30,088	15,778	14,311	13,297	10,984	2,313	49,324	18,131	31,193	*	*	*
Shaka	17,240	8,397	8,844	18,340	15,005	3,336	13,187	4,464	8,723	5,893	1,841	4,052
Kaffa	87,010	50,603	36,406	22,954	19,876	3,077	70,002	22,938	47,064	11,146	2,018	9,129
Gamo Gofa	72,640	38,395	34,245	7,018	4,809	2,209	73,649	16,705	56,945	3,009	*	2,045
Bench Maji	34,791	19,687	15,105	7,101	6,294	807	34,899	12,668	22,231	6,865	1,492	5,373
Yem Sp. Wereda	5,753	2,427	3,326	965	368	598	4,078	955	3,123	879	*	817
Dawro	17,374	8,044	9,330	*	*	*	14,996	6,847	8,149	*	*	*
Basketo Sp. Wereda	1,895	956	940	436	368	*	4,123	1,060	3,063	213	*	115
Konta Sp. Wereda	3,084	1,541	1,543	*	*	-	3,570	1,610	1,960	*	*	*
Silte	34,283	16,924	17,358	18,284	15,525	2,759	23,697	6,791	16,906	*	*	*
Alaba Sp. Wereda	7,258	3,564	3,693	4,036	2,982	1,054	6,246	2,343	3,903	*	*	*
Segen People	11,615	7,656	3,959	2,859	2,261	598	21,713	7,122	14,592	*	*	*
Gambela Region	3,248	2,300	948	3,325	2,817	508	6,551	2,042	4,509	*	*	*
Angnuwak	*	*	-	-	-	-	432	*	*	-	-	-
Nuware	663	425	239	-	-	-	4,828	1,499	3,329	*	*	*
Mezhenger	1,909	1,199	709	3,325	2,817	508	1,264	*	914	*	-	*
Itang Special	*	*	-	-	-	-	*	*	*	-	-	-
Harari	588	286	*	943	797	145	974	305	669	215	*	*
Hundene	588	286	*	943	797	145	974	305	669	215	*	*
Dire Dawa	10,067	5,938	4,129	6,578	6,159	420	29,921	6,931	22,990	3,363	838	2,525

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	5,352,324	2,776,659	2,575,665	2,421,576	1,606,541	815,035	5,582,924	870,529	3,712,395	324,948	88,581	236,367
Tigray	799,474	468,238	331,236	510,222	334,743	175,479	763,944	240,214	523,730	24,793	10,759	14,034
North West Tigray	440,451	274,448	166,003	212,094	138,464	73,630	413,177	136,449	276,728	7,102	3,756	3,345
Central Tigray	153,304	82,520	70,784	105,041	62,657	42,384	144,616	38,680	105,936	5,272	*	2,465
Eastern Tigray	50,004	25,388	24,616	47,301	31,600	15,701	35,633	11,354	24,279	*	*	*
Southern Tigray	71,376	35,507	35,869	68,598	52,769	15,829	55,337	14,819	40,518	5,472	*	3,980
Western Tigray	84,339	50,376	33,963	77,189	49,253	27,936	115,182	38,912	76,270	*	*	*
Afar	743,764	343,122	400,643	104,637	68,879	35,759	1,462,292	381,545	1,080,747	45,133	9,237	35,896
Zone 1	411,453	185,425	226,028	64,086	45,785	18,300	876,969	223,953	653,016	35,491	6,368	29,123
Zone 3	332,312	157,697	*	40,551	23,093	17,458	585,323	157,592	427,731	9,643	2,870	6,773
Amhara	1,424,790	709,079	715,711	1,153,391	747,373	406,018	1,358,107	547,453	810,654	75,194	23,281	51,913
North Gonder	341,103	181,134	159,969	303,585	234,731	68,854	421,936	173,389	248,547	*	*	*
South Gonder	128,488	64,709	63,779	164,481	104,639	59,842	125,935	46,256	79,679	*	*	*
North Wolo	128,178	56,513	71,665	136,755	75,245	61,510	98,968	35,810	63,158	*	*	*
South Wolo	221,314	106,966	114,349	147,583	82,893	64,691	125,111	58,429	66,681	*	*	*
North Shewa	121,806	63,006	58,800	87,761	56,457	31,305	215,927	101,543	114,384	18,689	*	10,197
East Gojam	155,649	76,922	78,727	135,605	80,431	55,174	175,182	65,998	109,184	*	*	*
West Gojam	74,371	36,120	38,250	36,989	25,536	11,453	36,297	13,145	23,153	*	-	*
Waghamera	139,663	68,797	70,866	47,054	29,355	17,700	86,006	25,403	60,603	4,517	1,824	*
Awii	50,883	24,252	26,631	68,485	42,740	25,746	28,282	10,227	18,055	*	*	*
Oromia	55,299	27,310	27,988	23,093	14,333	8,760	38,468	14,809	23,659	4,528	*	2,499
Argoba Special	8,036	3,349	4,687	2,000	1,015	984	5,996	2,445	3,552	705	258	448
Oromia	1,674,604	853,068	821,536	385,991	267,376	118,615	1,257,398	438,954	818,443	107,085	22,933	84,152
West Wellega	25,650	10,164	15,487	9,418	3,751	*	41,896	17,403	24,492	*	*	*
East Wellega	23,736	12,933	10,803	13,001	7,170	5,830	20,144	8,281	11,863	*	-	*
Illubabor	34,960	18,262	16,698	8,211	6,594	*	35,920	13,082	22,838	2,514	*	2,386
Jimma	72,457	32,808	39,650	11,273	6,748	4,524	65,596	22,246	43,350	10,862	*	9,454
West Shewa	84,577	41,978	42,599	27,745	20,785	6,960	59,310	26,127	33,184	*	-	*
North Shewa	55,209	26,629	28,580	63,399	43,499	19,900	55,737	21,637	34,101	*	-	*
East Shewa	127,690	73,509	54,182	38,086	28,313	9,773	83,095	31,864	51,230	8,152	*	5,568
Arsi	221,513	100,405	121,108	31,945	22,090	9,856	*	*	*	*	*	*
West Harerghe	300,511	156,379	144,132	20,212	16,444	3,768	101,017	32,181	68,836	21,235	6,625	14,610
East Harerghe	173,125	86,618	86,508	26,297	22,426	3,871	126,123	42,876	83,247	19,165	2,940	16,225
Bale	125,417	67,952	57,465	35,813	23,973	*	87,910	31,906	56,004	7,527	*	5,824
Borena	145,976	88,049	57,927	19,403	13,598	5,805	109,438	35,286	74,151	16,836	*	12,839
South West Shewa	63,031	34,571	28,459	33,408	26,591	6,817	55,860	22,760	33,100	*	*	*
Guji	75,072	41,423	33,649	8,607	*	*	87,105	27,552	59,553	*	*	*
West Arsi	82,836	31,949	50,887	7,492	5,194	2,297	71,892	18,740	53,152	*	*	*
Kelem Wellega	32,022	12,980	19,042	*	6,443	*	24,029	8,648	15,380	*	*	*
Horoguduru w.	30,821	16,460	14,361	14,157	8,450	5,707	25,485	8,071	17,414	*	*	*

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	229,917	146,938	82,979	74,462	52,018	22,444	236,976	86,602	150,373	11,855	3,410	8,444
Shinele	35,061	17,642	17,419	5,496	3,626	1,870	68,826	22,026	46,800	2,333	1,040	1,293
Jijiga	99,322	73,169	26,153	18,387	13,290	5,097	73,964	30,332	43,631	1,836	571	1,264
Liben	95,534	56,127	39,407	50,578	35,102	15,476	94,186	34,244	59,942	7,687	*	5,888
Benshangul-Gumuz	88,106	45,165	42,941	55,608	36,720	18,888	176,214	61,422	114,791	*	*	*
Metekel	37,666	21,066	16,600	33,735	24,450	9,285	65,001	25,459	39,542	*	*	*
Asosa	37,342	18,633	18,710	16,279	8,951	7,327	92,235	29,032	63,204	967	*	*
Kemeshi	9,480	3,815	5,664	4,592	2,628	1,963	13,593	4,889	8,704	*	*	*
Mao Komo	3,618	1,651	1,967	1,002	690	312	5,384	2,043	3,342	*	*	*
SNNP	351,605	185,935	165,670	122,048	86,882	35,165	259,397	94,885	164,513	43,600	12,134	31,466
Gurage	19,180	8,287	10,893	26,382	21,345	5,037	13,740	5,830	7,910	-	-	-
Hadiya	16,050	8,580	7,470	8,130	4,976	3,154	9,698	3,321	6,377	*	*	*
Kembata Tembaro	10,257	4,683	5,574	3,739	2,070	1,669	2,354	760	1,594	760	-	760
Sidama	39,670	22,276	17,394	2,636	*	*	3,911	*	*	-	-	-
Gedio	3,965	1,681	2,284	*	*	-	-	-	-	-	-	-
Wolayita	16,908	6,525	10,383	944	*	*	3,099	1,652	1,447	*	*	*
South Omo	80,267	50,858	29,409	27,504	16,880	10,624	78,931	26,935	51,995	18,229	*	10,343
Shaka	4,495	2,990	1,505	4,232	2,443	1,789	2,350	*	1,361	1,675	*	1,442
Kaffa	39,722	22,667	17,055	16,616	13,361	3,255	45,403	19,805	25,598	4,843	*	4,321
Gamo Gofa	40,592	18,774	21,818	2,009	1,741	*	29,593	9,235	20,357	6,332	*	4,978
Bench Maji	9,661	4,449	5,212	4,623	3,313	1,310	10,085	3,557	6,528	3,531	768	2,763
Yem Sp. Wereda	6,777	2,819	3,959	432	329	*	4,486	1,423	3,063	1,787	410	1,377
Dawro	8,032	4,333	3,700	1,381	1,297	*	4,561	1,723	2,838	-	-	-
Basketo Sp. Wereda	865	322	*	329	222	*	1,033	*	860	*	-	*
Konta Sp. Wereda	1,080	541	540	334	241	*	1,475	667	808	*	-	*
Silte	22,928	7,750	15,178	13,507	9,143	4,364	9,221	2,559	6,662	1,255	*	1,093
Alaba Sp. Wereda	6,861	3,562	3,299	3,785	2,675	1,110	2,511	845	1,666	1,073	*	1,005
Segen People	24,295	14,839	9,457	5,202	3,936	*	36,946	13,968	22,978	1,509	*	1,354
Gambela Region	4,050	2,261	1,788	2,484	1,966	*	19,802	6,088	13,714	634	*	430
Angnuwak	1,685	873	812	*	*	*	5,377	1,963	3,413	-	-	-
Nuware	1,320	776	544	*	*	*	12,145	3,477	8,668	*	*	*
Mezhenger	683	*	276	1,024	940	*	717	210	507	*	-	*
Itang Special	362	205	*	*	*	-	*	*	*	*	*	*
Harari	5,642	3,208	2,434	5,803	5,113	690	5,849	2,361	3,488	1,559	481	1,078
Hundene	5,642	3,208	2,434	5,803	5,113	690	5,849	2,361	3,488	1,559	481	1,078
Dire Dawa	30,372	19,645	10,727	6,931	5,471	1,460	42,944	11,004	31,941	8,010	3,216	4,794

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	137,000	88,438	48,562	140,178	67,775	72,403	8,850	3,598	5,252
Tigray	1,796	1,796	-	*	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	-	*	-	*	-	-	-
Eastern Tigray	*	*	-	-	-	-	-	-	-
Southern Tigray	*	*	-	-	-	-	-	-	-
Western Tigray	*	*	-	*	*	*	-	-	-
Afar	*	*	*	*	*	*	-	-	-
Zone 1	-	-	-	*	-	*	-	-	-
Zone 3	*	*	*	*	*	*	-	-	-
Amhara	41,470	20,906	20,564	37,176	18,328	18,848	*	*	*
North Gonder	*	*	*	2,771	*	*	-	-	-
South Gonder	*	*	*	2,505	*	*	-	-	-
North Wolo	4,401	2,138	2,263	*	*	*	-	-	-
South Wolo	9,527	*	6,609	5,215	*	2,643	*	*	*
North Shewa	6,067	2,693	3,374	7,296	3,487	3,809	*	*	-
East Gojam	10,621	6,230	4,391	10,593	6,590	4,003	*	-	*
West Gojam	*	*	*	*	-	*	-	-	-
Waghamera	*	*	*	*	*	-	-	-	-
Awi	6,431	5,134	1,297	5,040	3,064	*	*	*	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	72,255	52,158	20,097	74,878	35,506	39,372	3,543	1,498	2,045
West Wellega	-	-	-	*	*	*	-	-	-
East Wellega	552	552	-	624	*	*	-	-	-
Illubabor	3,677	1,751	1,927	5,650	2,229	3,421	*	-	*
Jimma	5,282	3,821	*	3,215	*	*	*	-	*
West Shewa	10,759	9,049	*	9,260	4,585	4,675	-	-	-
North Shewa	7,426	4,783	2,643	*	*	*	*	*	*
East Shewa	2,302	2,302	-	2,947	*	*	-	-	-
Arsi	19,146	12,355	6,791	10,904	4,236	6,668	*	-	*
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	*	*	-	-	-	-	*	*	-
Bale	1,592	1,211	*	3,632	1,878	1,754	-	-	-
Borena	*	*	-	*	*	-	-	-	-
South West Shewa	7,094	7,094	-	5,771	2,881	*	*	-	*
Guji	3,013	2,418	*	8,297	*	5,849	-	-	-
West Arsi	5,969	2,811	3,158	14,589	9,722	*	-	-	-
Kelem Wellega	*	*	*	883	*	*	*	*	-
Horoguduru Wellega	2,730	1,835	895	4,086	1,690	2,396	*	*	-

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	18,525	11,783	6,742	22,090	10,860	11,230	2,105	736	1,369
Gurage	3,143	*	1,232	3,440	*	2,299	-	-	-
Hadiya	2,919	*	*	*	*	*	-	-	-
Kembata Tembaro	*	*	*	*	*	*	-	-	-
Sidama	*	*	-	*	*	-	-	-	-
Gedio	*	*	*	*	*	*	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	*	*	-	*	*	*	*	*	*
Shaka	*	*	*	396	330	*	*	*	*
Kaffa	3,622	2,782	841	5,845	3,604	2,241	*	-	*
Gamo Gofa	2,132	1,074	1,058	2,951	*	2,161	*	-	*
Bench Maji	1,400	808	592	1,543	707	836	519	436	*
Yem Sp. Wereda	-	-	-	*	-	*	*	-	*
Dawro	355	*	*	*	*	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	*	-	*
Konta Sp. Wereda	*	*	-	199	199	-	-	-	-
Silte	1,382	818	*	*	*	*	*	-	*
Alaba Sp. Wereda	-	-	-	547	*	*	-	-	-
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	451,115	255,434	195,681	455,617	210,521	245,096	20,432	11,494	8,938
Tigray	33,059	18,539	14,521	35,308	19,794	15,514	*	*	-
North West Tigray	8,518	3,867	4,651	10,422	5,598	4,824	*	*	-
Central Tigray	7,797	4,643	3,154	8,808	4,337	4,471	*	*	-
Eastern Tigray	7,988	4,537	3,451	4,349	1,863	2,487	-	-	-
Southern Tigray	6,927	4,000	2,928	9,716	6,593	3,123	-	-	-
Western Tigray	1,829	1,491	*	2,013	1,404	*	*	*	-
Afar	3,186	2,736	*	14,505	6,382	8,123	*	-	*
Zone 1	*	*	*	*	*	4,776	-	-	-
Zone 3	1,316	*	*	6,523	3,175	3,348	*	-	*
Amhara	198,758	99,980	98,778	187,440	84,440	103,000	3,997	2,907	*
North Gondar	22,893	13,467	9,426	28,735	15,921	12,814	*	*	-
South Gondar	25,459	8,554	16,905	12,357	3,417	8,941	-	-	-
North Wolo	18,421	9,395	9,027	12,004	4,595	7,409	-	-	-
South Wolo	33,799	18,542	15,257	17,804	9,004	8,800	*	*	-
North Shewa	30,127	15,752	14,375	28,012	15,271	12,740	*	*	*
East Gojam	32,660	16,598	16,062	35,913	13,737	22,176	*	*	*
West Gojam	18,069	8,876	9,194	35,927	14,959	20,967	-	-	-
Waghamera	4,136	2,043	2,093	5,599	2,567	3,032	*	-	*
Awı	11,357	5,633	5,724	9,277	4,037	5,241	-	-	-
Oromia	1,640	*	*	1,587	877	710	*	*	-
Argoba Special	194	136	58	224	55	170	-	-	-
Oromia	171,698	103,862	67,836	169,113	75,160	93,953	10,705	5,808	4,897
West Wellega	11,816	6,313	5,502	6,145	3,529	2,616	*	-	*
East Wellega	7,347	5,103	2,244	10,502	6,168	4,334	-	-	-
Illubabor	1,915	*	889	5,019	1,835	3,184	*	-	*
Jimma	8,856	6,414	*	8,085	3,158	4,927	*	*	-
West Shewa	13,506	9,646	3,860	17,073	7,611	9,462	*	*	*
North Shewa	24,621	12,272	12,349	11,558	4,772	6,787	*	-	*
East Shewa	9,437	6,630	2,807	15,802	7,366	8,436	*	*	-
Arsi	18,238	10,307	7,932	14,249	3,871	10,379	*	*	*
West Harerghe	12,144	9,743	2,401	7,419	3,448	3,971	-	-	-
East Harerghe	7,398	4,737	2,661	11,542	5,728	5,814	3,018	1,254	1,764
Bale	11,343	8,361	2,982	12,051	5,549	6,502	-	-	-
Borena	2,364	1,346	*	5,700	2,475	3,225	*	*	*
South West Shewa	14,609	8,374	6,235	8,464	3,258	5,206	*	*	*
Guji	2,461	*	*	3,725	*	1,849	-	-	-
West Arsi	14,820	6,411	8,409	20,481	6,220	14,260	-	-	-
Kelem Wellega	6,130	3,043	3,088	4,290	3,619	670	-	-	-
Horoguduru Wellega	4,692	2,990	1,702	7,009	4,678	2,331	*	*	-

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	1,304	1,134	*	3,322	1,637	1,684	*	*	*
Shinele	*	*	-	968	497	471	*	*	*
Jijiga	*	*	-	1,769	556	*	-	-	-
Liben	*	*	*	*	*	-	-	-	-
Benshangul-Gumuz	7,861	5,724	2,137	18,009	10,981	7,028	*	*	*
Metekel	3,799	3,799	-	6,270	5,035	1,235	-	-	-
Asosa	2,743	812	1,932	9,755	4,084	5,672	*	*	*
Kemeshi	1,238	1,033	*	1,656	1,601	*	*	*	-
Mao Komo	80	80	-	328	262	66	-	-	-
SNNP	34,443	23,015	11,429	25,309	10,923	14,385	3,852	1,314	2,539
Gurage	2,545	1,813	*	*	*	*	*	*	*
Hadiya	7,495	4,461	3,033	5,367	1,629	3,738	*	-	*
Kembata Tembaro	3,056	2,159	*	1,072	798	*	*	*	-
Sidama	*	*	*	*	*	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	3,981	3,744	*	*	*	*	*	*	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	*	*	*	*	*	-	*	*	-
Kaffa	*	-	*	-	-	-	-	-	-
Gamo Gofa	7,031	*	3,000	2,693	1,281	*	-	-	-
Bench Maji	*	*	-	*	*	-	-	-	-
Yem Sp. Wereda	325	*	149	365	*	250	*	*	*
Dawro	*	*	*	-	-	-	-	-	-
Basketo Sp. Wereda	209	*	*	*	*	*	-	-	-
Konta Sp. Wereda	*	*	-	*	*	-	-	-	-
Silte	2,712	1,591	*	4,118	1,642	2,476	*	-	*
Alaba Sp. Wereda	1,446	830	616	978	377	601	*	-	*
Segen People	611	*	*	1,950	727	1,224	-	-	-
Gambela Region	-	-	-	*	*	*	-	-	-
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	207	*	*	680	482	198	*	*	*
Hundene	207	*	*	680	482	198	*	*	*
Dire Dawa	598	343	*	1,710	530	1,180	*	*	*

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	40,653	18,845	21,808	47,381	21,196	26,185	988	*	*
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	-	-	-	-
Western Tigray	*	*	*	-	-	-	-	-	-
Afar	*	*	-	*	-	*	-	-	-
Zone 1	*	*	-	-	-	-	-	-	-
Zone 3	*	*	-	*	-	*	-	-	-
Amhara	27,247	11,534	15,712	*	*	*	-	-	-
North Gondar	-	-	-	-	-	-	-	-	-
South Gondar	*	*	-	*	*	*	-	-	-
North Wolo	2,647	*	*	*	*	*	-	-	-
South Wolo	4,999	*	3,319	*	*	*	-	-	-
North Shewa	1,984	*	*	-	-	-	-	-	-
East Gojam	*	*	*	*	-	*	-	-	-
West Gojam	6,731	*	5,482	*	*	*	-	-	-
Waghamera	*	*	*	*	*	*	-	-	-
Awii	6,165	3,930	2,234	*	*	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	8,359	3,752	4,607	9,486	4,828	4,658	*	-	*
West Wellega	*	*	-	-	-	-	-	-	-
East Wellega	*	*	*	*	-	*	-	-	-
Illubabor	1,071	*	*	*	*	*	-	-	-
Jimma	*	-	*	*	-	*	-	-	-
West Shewa	*	*	-	*	-	*	-	-	-
North Shewa	*	*	*	*	*	-	*	-	*
East Shewa	*	*	-	*	*	-	-	-	-
Arsi	*	-	*	*	*	*	-	-	-
West Harerghe	-	-	-	-	-	-	-	-	-
East Harerghe	*	-	*	-	-	-	-	-	-
Bale	*	*	*	*	-	*	-	-	-
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	*	-	*	*	-	*	-	-	-
Guji	*	*	*	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	*	*	-	*	*	-	-	-	-
Horoguduru Wellega	582	*	*	*	*	*	-	-	-

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	*	*	*	971	*	793	-	-	-
Metekel	*	*	*	*	*	*	-	-	-
Asosa	-	-	-	*	-	*	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	4,286	2,966	1,321	3,368	2,126	1,242	*	*	*
Gurage	*	*	-	*	*	-	-	-	-
Hadiya	-	-	-	*	-	*	-	-	-
Kembata Tembaro	*	-	*	-	-	-	-	-	-
Sidama	*	*	-	*	*	-	-	-	-
Gedio	*	*	-	*	-	*	-	-	-
Wolayita	*	*	-	*	*	-	-	-	-
South Omo	*	-	*	*	*	*	*	*	*
Shaka	-	-	-	-	-	-	*	*	-
Kaffa	*	*	*	963	*	*	*	*	-
Gamo Gofa	*	*	*	-	-	-	-	-	-
Bench Maji	*	-	*	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	416	*	*	*	*	*	-	-	-
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	61,671	43,700	17,971	4,625	3,245	1,380	118,396	37,758	80,638	4,353	1,124	3,229
Tigray	5,931	5,931	-	*	*	-	2,445	2,244	*	*	*	-
North West Tigray	*	*	-	-	-	-	1,215	1,215	-	-	-	-
Central Tigray	-	-	-	*	*	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	-	*	*	*	-	-	-
Western Tigray	351	351	-	-	-	-	*	*	-	*	*	-
Afar	18,737	9,516	9,220	*	*	495	91,639	24,586	67,052	2,403	969	*
Zone 1	6,169	2,997	*	*	*	-	*	*	*	1,423	*	*
Zone 3	12,568	6,520	6,048	*	*	495	53,374	9,960	43,414	981	*	*
Amhara	8,195	8,195	-	*	*	-	3,621	3,070	*	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	3,953	3,953	-	*	*	-	*	*	*	-	-	-
South Wolo	*	*	-	-	-	-	*	*	-	-	-	-
North Shewa	*	*	-	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-	-	-
Awii	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	1,785	1,785	-	*	*	-	*	*	*	-	-	-
Argoba special	*	*	-	-	-	-	*	*	-	*	*	-
Oromia	16,729	10,263	6,466	*	*	*	12,445	4,773	7,672	1,166	-	1,166
West Wellega	-	-	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-	*	*	*	-	-	-
Arsi	*	*	*	-	-	-	-	-	-	-	-	-
West Harerghe	*	*	*	*	-	*	*	*	*	-	-	-
East Harerghe	*	*	-	-	-	-	*	*	*	*	-	*
Bale	*	*	*	-	-	-	*	*	*	-	-	-
Borena	*	4,049	*	-	-	-	2,007	*	1,680	*	-	*
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	11,695	9,617	2,078	*	*	*	6,615	2,412	4,203	*	*	*
Shinele	*	*	*	*	*	-	1,509	480	1,029	-	-	-
Jijiga	978	737	*	-	-	-	*	-	*	-	-	-
Liben	10,261	*	*	*	*	*	4,947	1,932	3,016	*	*	*
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	*	*	-	*	-	*	518	*	374	*	-	*

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	13,574,737	15,339,804	59,681,274	548,249
Tigray	1,607,872	3,180,246	6,716,173	106,264
North West Tigray	560,813	1,237,702	3,032,838	54,408
Central Tigray	352,007	713,405	1,178,580	14,739
Eastern Tigray	183,538	261,836	562,147	8,459
Southern Tigray	405,206	530,510	697,211	12,766
Western Tigray	106,308	436,793	1,245,397	15,892
Afar	8,599	14,549	85,796	*
Zone 1	-	-	*	-
Zone 3	8,599	14,549	80,322	*
Amhara	5,631,868	7,580,125	23,092,114	124,958
North Gondar	1,440,035	3,077,433	8,119,628	44,407
South Gondar	595,798	849,832	2,527,568	8,271
North Wolo	365,293	390,895	909,574	6,793
South Wolo	549,635	384,501	1,320,233	12,992
North Shewa	479,912	763,760	1,827,468	10,244
East Gojam	416,473	227,442	1,150,528	*
West Gojam	1,151,554	1,275,676	5,109,771	17,843
Waghamera	111,585	121,489	209,783	3,275
Awi	425,512	443,363	1,647,369	8,158
Oromia	86,920	39,916	248,130	1,274
Argoba Special	9,152	5,818	22,061	231
Oromia	4,563,544	3,162,145	19,146,241	201,494
West Wellega	338,749	317,713	2,022,865	14,671
East Wellega	187,654	179,619	935,997	21,088
Illubabor	150,811	198,590	1,040,676	6,936
Jimma	341,601	158,502	1,559,368	25,736
West Shewa	386,668	437,490	1,833,273	10,767
North Shewa	265,905	103,168	621,103	*
East Shewa	335,733	216,530	1,122,435	5,791
Arsi	603,644	419,208	1,432,624	12,016
West Harerghe	285,450	195,398	1,379,419	20,183
East Harerghe	218,007	50,361	1,691,933	29,842
Bale	134,419	65,913	420,130	4,532
Borena	138,223	47,490	379,650	7,399
South West Shewa	318,465	215,194	1,089,662	15,180
Guji	188,436	72,948	860,979	3,379
West Arsi	298,262	89,122	865,263	2,730
Kelem Wellega	191,849	203,324	1,355,218	15,157
Horoguduru Wellega	179,670	191,576	535,646	5,139

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	12,458	3,772	116,792	1,183
Shinele	1,715	*	7,059	*
Jijiga	*	-	*	*
Liben	10,019	3,758	106,880	*
Benshangul-Gumuz	266,954	393,649	1,969,484	16,569
Metekel	140,487	230,441	1,084,550	7,783
Asosa	84,515	117,111	655,828	6,346
Kemeshi	26,494	28,270	131,891	1,341
Mao Komo	15,458	17,827	97,215	1,099
SNNP	1,415,618	965,793	8,044,496	89,062
Gurage	131,528	119,474	314,152	2,385
Hadiya	99,795	105,696	421,459	6,140
Kembata Tembaro	57,840	40,292	182,593	4,332
Sidama	255,994	136,455	836,062	*
Gedio	59,024	57,825	164,889	1,803
Wolayita	95,394	15,184	555,873	9,188
South Omo	83,943	56,401	561,759	11,298
Shaka	30,051	69,809	399,202	3,285
Kaffa	138,112	141,773	1,573,630	11,435
Gamo Gofa	135,247	37,020	1,023,796	11,160
Bench Maji	164,241	119,148	1,096,208	14,760
Yem Sp. Wereda	11,510	3,338	37,243	1,829
Dawro	26,334	3,087	89,472	836
Basketo Sp. Wereda	6,389	3,124	39,044	752
Konta Sp. Wereda	13,196	1,843	57,774	1,665
Silte	52,315	18,774	339,785	*
Alaba Sp. Wereda	17,420	5,870	107,624	*
Segen People	37,286	30,679	243,932	1,700
Gambela Region	50,770	35,992	371,553	1,938
Angnuwak	22,738	22,495	186,126	588
Nuware	12,213	238	94,465	221
Mezhenger	5,018	11,094	55,729	*
Itang Special	10,802	*	35,233	*
Harari	7,019	2,301	58,797	1,865
Hundene	7,019	2,301	58,797	1,865
Dire Dawa	10,034	1,231	79,827	4,129

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	6,742,217	11,326,490	1.365	6	3,055,903,834	316,999	276,798	3.559	9	220,000,095
Tigray	60,909	816,209	1.220	6	200,995,013	-	*	*	*	*
North West Tigray	*	324,473	1.186	6	79,492,346	-	*	-	-	-
Central Tigray	13,163	110,183	0.882	5	16,673,179	-	-	-	-	-
Eastern Tigray	*	63,294	1.232	5	12,322,590	-	-	*	2	-
Southern Tigray	20,375	134,127	1.311	6	39,182,499	-	*	*	*	*
Western Tigray	2,378	184,133	1.553	6	53,324,399	-	-	-	-	-
Afar	273,468	375,773	2.052	6	154,287,983	157,431	78,076	3.027	8	59,045,998
Zone 1	182,678	263,988	2.242	6	119,380,005	64,784	29,181	2.883	9	22,164,490
Zone 3	90,790	111,785	1.620	6	34,907,978	92,647	48,895	3.131	8	36,881,508
Amhara	348,645	2,769,985	1.238	6	641,066,515	-	*	*	*	*
North Gonder	115,958	750,990	1.253	6	197,868,372	-	-	-	-	-
South Gonder	*	300,616	1.144	5	60,571,092	-	-	-	-	-
North Wolo	11,488	160,199	1.233	5	34,624,237	-	-	-	-	-
South Wolo	50,665	312,483	1.737	5	83,240,276	-	*	-	-	-
North Shewa	33,345	186,106	1.336	5	47,518,933	-	-	-	-	-
East Gojam	15,043	301,894	0.983	6	59,120,766	-	-	-	-	-
West Gojam	46,225	398,972	0.985	6	73,762,193	-	*	-	-	-
Waghamera	16,417	59,866	0.918	5	9,305,135	-	*	-	-	-
Awi	16,155	238,643	1.368	6	61,718,458	-	-	-	-	-
Oromia	*	55,357	1.093	6	12,361,239	-	*	*	*	*
Argoba Special	693	4,859	1.001	5	975,813	-	-	-	-	-
Oromia	2,656,014	4,558,785	1.471	6	1,316,249,726	94,410	119,083	3.953	9	108,581,855
West Wellega	20,194	190,122	1.129	6	43,187,799	-	*	-	-	-
East Wellega	25,717	204,484	1.181	7	52,636,914	-	-	-	-	-
Illubabor	121,520	246,588	1.186	6	60,519,495	-	*	-	-	-
Jimma	294,378	450,262	1.081	6	94,090,055	-	-	-	-	-
West Shewa	90,569	395,241	1.395	6	111,731,143	-	-	-	-	-
North Shewa	141,474	297,697	1.707	6	104,925,134	-	-	-	-	-
East Shewa	154,362	152,725	1.416	7	45,034,032	*	*	*	*	*
Arsi	384,791	437,164	1.955	7	164,036,238	*	*	*	*	*
West Harerghe	56,694	221,348	1.698	5	67,625,658	*	15,660	5.814	10	23,456,274
East Harerghe	63,907	256,918	1.836	6	80,146,717	13,163	15,736	3.581	7	8,328,352
Bale	369,281	330,135	1.456	6	97,461,977	12,829	12,782	*	10	8,374,774
Borena	123,961	242,234	1.512	6	69,907,182	13,281	15,906	3.133	9	12,896,202
South West Shewa	85,860	164,793	1.229	6	40,513,450	-	-	-	-	-
Guji	241,972	283,731	1.428	6	78,932,469	*	*	*	*	*
West Arsi	460,752	461,824	1.574	7	148,988,721	-	-	-	-	-
Kelem Wellega	*	101,346	1.215	6	24,885,757	-	-	-	-	-
Horoguduru Wellega	18,877	122,171	1.094	7	31,626,985	-	-	-	-	-

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	149,344	162,637	1.505	5	38,256,461	63,985	56,988	3.291	9	50,518,114
Shinele	3,326	3,890	1.223	5	741,321	2,343	1,586	2.370	10	1,096,145
Jijiga	121,137	101,887	1.453	5	21,867,914	20,522	13,640	2.863	8	9,818,710
Liben	24,881	56,860	1.647	5	15,647,225	41,119	41,762	3.493	9	39,603,259
Benshangul-Gumuz	12,682	147,581	1.103	7	33,777,622	-	*	-	*	-
Metekel	7,199	118,644	1.043	7	26,706,254	-	*	-	-	-
Asosa	3,731	15,979	1.236	6	3,946,305	-	*	-	-	-
Kemeshi	1,558	10,822	1.306	5	2,490,259	-	-	-	*	-
Mao Komo	193	2,137	1.514	6	634,804	-	-	-	-	-
SNNP	3,217,845	2,397,036	1.323	6	637,202,185	-	*	*	*	-
Gurage	305,269	186,542	1.175	6	43,941,253	-	-	-	-	-
Hadiya	280,937	209,463	1.312	6	53,461,267	-	-	-	-	-
Kembata Tembaro	129,943	95,637	1.536	7	34,247,459	-	-	-	-	-
Sidama	803,194	629,691	1.310	6	165,582,236	-	*	-	*	-
Gedio	18,930	13,973	1.214	6	3,115,133	-	-	-	-	-
Wolayita	252,880	216,488	1.342	6	59,586,084	-	-	-	-	-
South Omo	236,700	152,279	1.646	5	53,254,866	-	-	-	-	-
Shaka	40,031	38,902	1.723	6	12,999,303	-	-	-	-	-
Kaffa	232,640	202,838	1.516	5	60,586,525	-	-	-	-	-
Gamo Gofa	409,081	278,264	1.237	6	64,505,691	-	-	-	-	-
Bench Maji	94,102	76,459	1.441	6	20,852,226	-	-	-	-	-
Yem Sp. Wereda	9,799	10,482	0.977	6	2,114,701	-	-	-	-	-
Dawro	92,134	67,063	1.286	6	16,988,343	-	-	-	-	-
Basketo Sp. Wereda	16,708	9,948	1.438	5	2,550,449	-	-	-	-	-
Konta Sp. Wereda	32,310	24,701	1.192	5	5,220,151	-	-	-	-	-
Silte	158,696	103,193	1.060	6	20,279,550	-	-	-	-	-
Alaba Sp. Wereda	44,944	32,402	1.193	6	7,177,811	-	-	-	-	-
Segen People	59,547	48,711	1.169	6	10,739,136	-	*	*	-	-
Gambela Region	15,732	70,383	1.587	6	23,028,936	-	*	-	*	-
Angnuwak	4,933	6,253	1.693	7	2,294,231	-	-	-	-	-
Nuware	*	52,415	1.626	6	16,937,203	-	-	-	-	-
Mezhenger	7,633	7,451	1.432	6	1,982,203	-	-	-	-	-
Itang Special	*	4,264	1.713	7	1,815,299	-	*	-	*	-
Harari	5,622	15,184	2.159	6	7,346,403	*	*	*	8	*
Hundene	5,622	15,184	2.159	6	7,346,403	*	*	*	8	*
Dire Dawa	1,956	12,916	1.649	5	3,692,991	896	982	2.396	10	624,562

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	17,685,769	4	21	12	93,982,405
Tigray	1,393,934	4	21	12	8,741,947
North West Tigray	486,343	3	19	12	2,322,133
Central Tigray	315,296	5	22	13	2,189,099
Eastern Tigray	254,932	6	22	12	1,974,996
Southern Tigray	174,939	5	24	13	1,468,916
Western Tigray	162,423	3	19	12	786,803
Afar	20,271	4	19	11	118,916
Zone 1	*	*	*	*	*
Zone 3	19,940	4	19	11	116,874
Amhara	5,558,922	4	22	12	31,580,367
North Gonder	1,310,759	3	20	12	5,735,263
South Gonder	599,104	4	21	12	3,210,633
North Wolo	269,811	4	22	11	1,452,768
South Wolo	652,178	5	22	12	4,055,662
North Shewa	759,605	4	22	12	4,623,360
East Gojam	604,380	5	24	14	5,301,600
West Gojam	933,971	3	21	13	4,715,504
Waghamera	76,330	4	23	11	553,993
Awi	277,384	3	22	13	1,511,970
Oromia	67,854	4	22	12	371,455
Argoba Special	7,546	5	21	11	48,159
Oromia	7,014,509	4	21	12	37,493,796
West Wellega	419,339	3	17	10	1,365,741
East Wellega	254,910	3	19	10	827,049
Illubabor	419,264	3	19	10	1,426,486
Jimma	672,636	3	18	10	2,593,617
West Shewa	616,136	5	22	12	4,074,841
North Shewa	485,775	5	25	13	3,489,747
East Shewa	447,932	5	24	14	3,385,383
Arsi	586,512	5	23	14	4,954,516
West Harerghe	493,509	3	21	12	2,099,033
East Harerghe	696,262	3	19	11	2,887,714
Bale	226,046	4	22	13	1,358,776
Borena	191,666	4	20	13	925,143
South West Shewa	436,962	5	24	13	3,024,352
Guji	208,009	3	19	12	1,146,784
West arsi	417,164	4	24	13	2,418,272
Kelem Wellega	294,434	3	18	10	973,620
Horoguduru Wellega	147,953	3	20	12	542,722

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	43,045	4	20	13	210,699
Shinele	2,215	4	18	10	11,342
Jijiga	2,610	*	*	12	*
Liben	38,219	3	20	13	175,835
Benshangul-Gumuz	280,005	3	18	11	1,184,646
Metekel	139,189	3	17	11	569,845
Asosa	104,293	3	18	11	474,057
Kemeshi	22,819	3	19	11	88,670
Mao Komo	13,704	3	18	11	52,075
SNNP	3,215,371	3	20	11	13,946,405
Gurage	228,430	4	22	13	1,270,858
Hadiya	233,326	3	20	12	1,075,985
Kembata Tembaro	110,607	4	20	11	525,874
Sidama	608,200	4	20	12	2,921,556
Gedio	96,387	3	21	12	472,320
Wolayita	253,845	3	18	10	847,317
South Omo	338,035	4	20	12	1,482,250
Shaka	63,240	3	18	11	245,949
Kaffa	281,345	3	18	10	911,322
Gamo Gofa	339,775	4	18	11	1,383,162
Bench Maji	140,464	3	18	11	518,983
Yem Sp. Wereda	27,267	4	19	11	121,585
Dawro	61,914	3	17	10	220,213
Basketo Sp. Wereda	18,856	3	19	11	73,949
Konta Sp. Wereda	26,221	3	18	10	96,822
Silte	227,095	4	20	11	1,035,763
Alaba Sp. Wereda	47,850	4	21	11	200,959
Segen People	112,513	4	20	12	541,541
Gambela Region	91,134	3	17	11	371,950
Angnuwak	40,278	3	17	11	161,420
Nuware	20,150	4	18	11	84,083
Mezhenger	20,221	3	18	11	78,693
Itang Special	10,486	3	19	12	47,754
Harari	28,601	4	21	11	136,650
Hundene	28,601	4	21	11	136,650
Dire Dawa	39,976	4	20	11	197,028

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	710,221	5	36	30	7,947,663
Tigray	195,155	5	27	21	2,079,396
North West Tigray	54,865	3	27	22	386,440
Central Tigray	59,249	6	25	18	710,808
Eastern Tigray	39,445	7	26	17	520,065
Southern Tigray	25,991	5	34	30	342,226
Western Tigray	15,605	3	25	19	119,856
Afar	*	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	*	*	*	*
Amhara	259,470	5	36	29	2,925,361
North Gondar	*	4	29	21	42,144
South Gondar	17,817	4	36	29	170,385
North Wolo	4,725	5	24	18	64,333
South Wolo	63,421	5	27	23	736,350
North Shewa	52,595	4	28	21	459,634
East Gojam	36,917	6	68	53	628,249
West Gojam	42,994	4	41	35	455,476
Waghamera	2,009	5	33	26	*
Awi	32,941	5	25	21	301,123
Oromia	2,828	7	30	23	41,077
Argoba Special	81	1	29	21	121
Oromia	175,958	5	38	35	1,979,246
West Wellega	4,375	4	22	18	24,261
East Wellega	4,698	4	43	35	51,443
Illubabor	15,392	*	*	*	*
Jimma	3,856	5	22	20	51,457
West Shewa	26,633	5	32	28	475,886
North Shewa	14,999	5	56	49	167,295
East Shewa	24,156	5	*	*	260,298
Arsi	36,401	5	38	48	329,230
West Harerghe	*	*	*	*	*
East Harerghe	7,747	*	54	*	*
Bale	7,691	5	38	*	73,613
Borena	*	*	*	*	20,611
South West Shewa	11,950	5	33	28	144,494
Guji	*	*	*	*	*
West Arsi	8,266	5	31	28	113,543
Kelem Wellega	3,965	4	33	20	34,561
Horoguduru Wellega	2,642	4	23	19	21,185

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	4,586	6	23	18	52,583
Metekel	3,253	4	23	18	*
Asosa	*	9	24	16	*
Kemeshi	*	*	*	*	*
Mao komo	*	*	*	*	*
SNNP	72,639	5	51	48	890,981
Gurage	21,202	5	*	*	*
Hadiya	4,516	7	25	20	59,828
Kembata Tembaro	6,018	5	32	27	75,346
Sidama	13,567	*	*	*	*
Gedio	*	3	*	*	*
Wolayita	4,446	3	*	*	46,155
South Omo	*	5	23	23	19,491
Shaka	380	*	*	*	*
Kaffa	4,814	*	*	*	*
Gamo Gofa	4,500	*	21	21	*
Bench Maji	*	*	*	*	*
Yem Sp. Wereda	1,299	*	*	*	*
Dawro	813	*	*	*	*
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	-	-	-	-	-
Silte	2,603	7	28	23	*
Alaba Sp. Wereda	*	*	*	*	*
Segen People	*	*	*	*	*
Gambela Region	*	*	*	*	*
Angnuwak	*	*	*	*	*
Nuware	-	-	-	-	-
Mezhenger	*	*	*	*	*
Itang Special	-	-	-	-	-
Harari	*	*	*	*	*
Hundene	*	*	*	*	*
Dire Dawa	1,091	5	23	19	8,950

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	758,534	-	142	126	10,622,135
Tigray	394,699	-	176	159	6,889,040
North West Tigray	80,768	-	101	87	717,689
Central Tigray	119,300	-	199	188	2,434,370
Eastern Tigray	101,679	-	204	194	2,108,144
Southern Tigray	50,791	-	197	189	1,048,696
Western Tigray	42,161	-	190	114	580,140
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	193,902	-	114	103	2,181,598
North Gonder	36,032	-	193	170	767,426
South Gonder	45,267	-	142	132	*
North Wolo	22,916	-	105	97	215,210
South Wolo	20,240	-	100	94	209,140
North Shewa	32,476	-	62	53	110,124
East Gojam	11,979	-	96	79	125,178
West Gojam	16,556	-	56	53	*
Waghamera	2,325	-	*	*	*
Awi	2,179	-	*	63	28,816
Oromia	*	-	*	*	12,238
Argoba Special	*	-	30	29	163
Oromia	89,845	-	128	107	968,752
West Wellega	*	-	*	*	*
East Wellega	4,139	-	112	96	21,670
Illubabor	8,468	-	98	104	90,982
Jimma	4,395	-	*	*	*
West Shewa	14,540	-	225	171	272,832
North Shewa	11,611	-	83	73	64,133
East Shewa	7,843	-	226	174	97,423
Arsi	9,674	-	202	166	200,274
West Harerghe	6,090	-	*	*	*
East Harerghe	*	-	*	*	*
Bale	5,654	-	*	*	46,419
Borena	*	-	-	-	-
South West Shewa	3,554	-	65	64	*
Guji	-	-	-	-	-
West Arsi	*	-	*	*	*
Kelem Wellega	2,074	-	*	*	*
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	*	-	34	30	9,149
Metekel	*	-	*	*	*
Asosa	*	-	*	*	*
Kemeshi	-	-	*	*	*
Mao Komo	*	-	*	*	*
SNNP	72,674	-	76	64	474,413
Gurage	15,770	-	89	77	122,428
Hadiya	10,506	-	*	*	*
Kembata Tembaro	7,063	-	87	71	65,952
Sidama	*	-	*	*	*
Gedio	*	-	*	*	*
Wolayita	3,263	-	30	30	6,049
South Omo	7,461	-	27	26	16,585
Shaka	*	-	27	23	4,604
Kaffa	1,253	-	21	21	*
Gamo Gofa	14,126	-	32	29	37,084
Bench Maji	*	-	*	*	*
Yem Sp. Wereda	377	-	29	27	1,057
Dawro	*	-	*	*	*
Basketo Sp. Wereda	249	-	43	43	*
Konta Sp. Wereda	*	-	-	-	-
Silte	3,195	-	85	68	22,615
Alaba Sp. Wereda	2,104	-	28	28	6,259
Segen People	*	-	*	*	*
Gambela Region	*	-	*	*	*
Angnuwak	*	-	*	*	*
Nuware	-	-	-	-	-
Mezhenger	*	-	*	*	*
Itang Special	-	-	-	-	-
Harari	-	-	-	-	-
Hundene	-	-	-	-	-
Dire Dawa	*	-	30	30	421

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	31,288,453	*	*	3,098,248	4,694,157	3,019,695
Tigray	3,713,766	1,272,859	1,264,698	663,186	292,837	220,186
North West Tigray	1,049,484	360,010	270,438	275,186	89,650	*
Central Tigray	852,449	322,675	360,770	58,002	68,595	*
Eastern Tigray	396,114	153,429	171,871	50,697	*	-
Southern Tigray	679,883	208,652	204,678	153,097	*	*
Western Tigray	735,837	228,094	256,940	126,205	87,064	37,534
Afar	51,488	*	*	24,486	-	*
Zone 1	37,160	-	*	*	-	*
Zone 3	14,328	*	*	*	-	*
Amhara	6,218,157	2,439,979	1,958,965	441,624	514,799	862,790
North Gonder	903,425	465,674	196,005	*	*	*
South Gonder	529,844	200,682	105,379	48,678	*	174,306
North Wolo	486,130	137,208	209,262	33,638	*	65,614
South Wolo	925,682	321,993	378,319	*	*	131,357
North Shewa	573,617	129,347	264,220	*	41,777	87,407
East Gojam	988,405	366,990	410,085	152,390	*	*
West Gojam	869,281	418,286	165,569	*	*	*
Waghamera	240,002	116,148	58,987	-	28,333	36,533
Awi	504,795	219,183	*	*	*	132,781
Oromia	191,124	64,432	71,366	*	29,705	*
Argoba Special	5,853	*	3,939	-	-	1,876
Oromia	14,997,765	4,707,759	4,656,088	1,142,798	3,053,386	1,437,733
West Wellega	1,011,135	249,494	261,177	152,258	287,943	60,262
East Wellega	790,308	166,537	201,432	136,997	266,243	*
Illubabor	731,335	266,281	133,126	*	225,843	93,174
Jimma	865,202	322,927	112,669	*	128,092	291,227
West Shewa	1,227,525	408,582	496,661	*	247,261	*
North Shewa	1,494,109	466,740	526,734	145,234	241,373	114,028
East Shewa	935,489	389,956	242,709	*	139,384	94,959
Arsi	1,660,699	672,808	494,900	97,992	272,340	122,659
West Harerghe	896,189	261,418	193,015	54,040	338,566	49,150
East Harerghe	710,474	253,700	291,166	*	106,872	*
Bale	812,501	209,994	473,783	*	*	*
Borena	521,101	32,713	*	245,907	152,097	50,254
South West Shewa	809,842	235,255	267,903	*	56,836	235,931
Guji	724,198	177,570	369,360	47,902	108,107	*
West Arsi	898,905	384,467	279,265	47,886	162,819	*
Kelem Wellega	404,073	116,984	105,785	60,718	73,391	47,196
Horoguduru Wellega	504,679	92,333	166,275	*	175,944	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	59,766	*	*	19,229	*	14,135
Shinele	6,124	2,667	*	-	*	*
Jijiga	25,385	*	*	*	*	*
Liben	28,256	-	*	*	*	*
Benshangul-Gumuz	401,638	49,034	99,630	125,634	89,768	*
Metekel	274,565	*	82,680	74,999	50,882	*
Asosa	87,573	*	*	46,100	27,876	*
Kemeshi	25,155	9,026	6,741	2,204	6,792	*
Mao Komo	14,344	5,430	1,680	2,330	4,218	*
SNNP	5,771,517	1,952,681	2,002,396	673,850	717,824	424,766
Gurage	658,793	224,400	189,745	81,114	*	65,009
Hadiya	504,755	182,165	192,115	*	*	*
Kembata Tembaro	197,284	120,227	59,359	*	*	*
Sidama	1,043,504	266,667	295,316	*	301,453	*
Gedio	42,895	*	*	*	*	-
Wolayita	380,002	171,652	142,347	32,251	*	*
South Omo	660,623	223,419	194,144	*	*	*
Shaka	119,088	*	76,457	*	*	*
Kaffa	367,350	77,585	96,359	*	144,358	46,546
Gamo Gofa	752,497	172,641	386,489	103,050	*	*
Bench Maji	230,940	51,502	105,701	*	43,929	28,110
Yem Sp. Wereda	85,054	32,319	34,157	*	9,155	9,267
Dawro	134,598	86,963	27,923	*	*	*
Basketo Sp. Wereda	45,497	22,012	21,046	*	*	*
Konta Sp. Wereda	57,202	25,700	25,235	*	*	*
Silte	210,742	151,369	*	*	-	*
Alaba Sp. Wereda	85,279	65,917	*	*	-	*
Segen People	195,414	63,466	77,948	34,965	*	*
Gambela Region	12,793	*	*	*	-	*
Angnuwak	9,771	*	-	*	-	*
Nuware	*	*	-	-	-	*
Mezhenger	*	-	*	-	-	-
Itang Special	*	-	-	*	-	-
Harari	23,844	11,665	7,942	-	*	*
Hundene	23,844	11,665	7,942	-	*	*
Dire Dawa	37,719	20,524	6,883	*	8,073	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	6,090,125	867,919	774,603	1,453,985	1,611,398	1,382,220
Tigray	987,615	106,718	99,588	143,605	557,169	80,536
North West Tigray	144,936	*	*	*	50,017	*
Central Tigray	276,756	*	42,066	*	164,730	*
Eastern Tigray	262,466	*	*	*	217,138	*
Southern Tigray	194,713	*	8,519	61,234	70,641	16,980
Western Tigray	108,743	*	*	13,482	*	24,348
Afar	*	-	*	12,289	-	*
Zone 1	*	-	*	*	-	*
Zone 3	*	-	*	*	-	*
Amhara	1,935,110	449,222	271,241	281,560	264,080	669,007
North Gonder	61,985	*	*	*	-	*
South Gonder	78,238	27,333	*	*	-	*
North Wolo	147,347	43,512	19,262	*	22,052	12,597
South Wolo	392,309	*	75,366	*	*	224,660
North Shewa	400,223	*	*	*	83,260	235,267
East Gojam	402,463	129,682	68,624	70,476	*	59,156
West Gojam	256,997	134,243	*	*	*	*
Waghamera	108,802	50,921	*	*	*	*
Awi	67,705	*	*	*	*	*
Oromia	17,445	*	*	*	*	6,886
Argoba Special	1,596	-	*	-	715	840
Oromia	1,880,590	207,101	214,910	454,883	552,431	451,263
West Wellega	72,344	12,578	8,766	9,251	22,419	*
East Wellega	8,839	*	*	5,132	1,401	-
Illubabor	23,624	*	*	*	16,527	*
Jimma	*	*	-	*	-	*
West Shewa	241,400	38,783	*	*	59,736	66,842
North Shewa	290,739	18,395	43,939	*	73,572	124,505
East Shewa	96,147	16,687	*	18,769	28,003	25,413
Arsi	342,029	39,516	14,752	113,099	95,821	*
West Harerghe	71,272	18,729	11,321	*	*	*
East Harerghe	130,170	14,355	*	*	86,622	*
Bale	43,182	*	*	*	*	27,943
Borena	128,678	-	*	109,575	*	*
South West Shewa	116,486	*	20,775	*	31,760	42,044
Guji	59,375	*	*	14,213	*	*
West Arsi	167,690	11,989	*	*	*	*
Kelem Wellega	42,279	*	*	*	14,253	*
Horoguduru Wellega	29,232	*	*	*	13,131	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	210,928	*	*	*	*	64,768
Shinele	22,072	*	*	*	4,678	9,870
Jijiga	*	-	*	*	*	*
Liben	99,896	-	-	*	*	*
Benshangul-Gumuz	26,577	*	*	6,550	-	18,334
Metekel	15,072	*	*	*	-	*
Asosa	7,620	*	-	*	-	4,441
Kemeshi	*	-	-	*	-	*
Mao Komo	3,363	-	-	-	-	3,363
SNNP	875,743	93,048	77,890	*	200,868	71,531
Gurage	*	*	*	*	*	*
Hadiya	*	*	*	*	*	*
Kembata Tembaro	15,270	10,213	1,356	*	*	-
Sidama	100,333	*	*	*	31,714	*
Gedio	39,442	*	*	26,090	*	*
Wolayita	23,879	*	*	9,413	*	*
South Omo	*	*	*	*	*	*
Shaka	*	-	*	-	*	*
Kaffa	40,984	*	*	*	17,703	*
Gamo Gofa	*	*	*	*	*	*
Bench Maji	28,259	*	*	*	14,498	*
Yem Sp. Wereda	8,657	3,539	*	*	2,186	2,663
Dawro	25,447	6,145	*	*	15,919	*
Basketo Sp. Wereda	7,474	1,436	*	1,546	3,431	*
Konta Sp. Wereda	1,742	*	-	*	*	-
Silte	25,077	7,525	2,468	*	*	*
Alaba Sp. Wereda	14,714	5,137	*	*	*	*
Segen People	20,180	*	15,331	*	-	*
Gambela Region	*	-	-	*	-	-
Angnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	*	-	-	*	-	-
Harari	*	*	*	-	*	*
Hundene	*	*	*	-	*	*
Dire Dawa	44,239	3,305	8,664	6,711	24,655	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	6,686,553	942,916	756,307	1,345,930	2,046,649	1,594,751
Tigray	2,055,860	200,926	287,624	309,096	1,040,259	217,954
North West Tigray	894,913	89,041	107,261	200,168	381,955	116,489
Central Tigray	596,855	*	125,025	*	350,454	*
Eastern Tigray	139,492	*	*	*	91,759	*
Southern Tigray	126,768	*	*	19,636	73,357	*
Western Tigray	297,832	37,681	27,264	36,224	142,734	53,929
Afar	*	-	*	26,830	-	37,865
Zone 1	*	-	*	9,709	-	*
Zone 3	41,820	-	*	*	-	*
Amhara	1,226,036	296,446	160,863	71,336	217,413	479,978
North Gondar	178,971	*	*	*	*	*
South Gondar	*	*	*	*	-	*
North Wolo	159,576	*	24,781	*	80,383	36,047
South Wolo	236,824	*	33,207	*	*	114,450
North Shewa	198,877	*	*	5,820	30,120	*
East Gojam	124,925	*	*	*	*	24,801
West Gojam	23,006	*	*	*	*	*
Waghamera	226,027	77,381	*	*	25,349	*
Awi	7,900	*	-	*	-	*
Oromia	27,878	*	*	*	*	12,369
Argoba Special	3,390	-	115	*	1,153	2,095
Oromia	2,211,364	371,215	182,554	499,527	602,719	555,350
West Wellega	23,816	*	*	*	*	*
East Wellega	6,588	*	*	*	*	-
Illubabor	13,358	*	*	-	5,653	*
Jimma	15,880	4,394	*	*	*	*
West Shewa	35,042	*	*	*	*	11,335
North Shewa	134,452	*	*	*	34,603	21,302
East Shewa	158,627	39,442	*	*	25,947	51,233
Arsi	*	45,938	*	*	*	*
West Harerghe	354,917	82,263	36,520	*	216,991	*
East Harerghe	379,888	*	*	*	220,909	*
Bale	225,909	*	*	*	*	*
Borena	260,222	-	*	205,555	*	*
South West Shewa	32,760	*	*	*	*	*
Guji	79,768	*	*	*	-	*
West Arsi	75,122	*	*	*	*	*
Kelem Wellega	14,707	*	*	*	*	*
Horoguduru Wellega	9,789	*	*	*	3,724	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	323,854	*	*	140,875	*	138,049
Shinele	54,091	*	-	*	13,687	25,624
Jijiga	*	-	-	*	*	*
Liben	229,152	-	*	*	*	109,406
Benshangul-Gumuz	140,117	11,576	*	32,708	*	95,457
Metekel	30,798	*	-	5,660	-	23,933
Asosa	85,438	*	-	21,281	-	*
Kemeshi	10,819	-	*	5,737	*	4,735
Mao Komo	13,063	-	-	*	*	13,003
SNNP	448,230	34,838	18,793	249,856	79,999	64,743
Gurage	*	-	*	*	*	*
Hadiya	27,951	*	*	*	*	*
Kembata Tembaro	7,555	*	*	*	3,022	-
Sidama	25,249	-	-	*	*	*
Gedio	*	-	-	*	-	-
Wolayita	10,790	*	-	*	*	*
South Omo	192,933	*	*	175,051	-	*
Shaka	*	-	-	-	-	*
Kaffa	9,405	*	*	*	2,580	*
Gamo Gofa	30,828	*	*	15,120	*	*
Bench Maji	5,608	*	*	*	3,264	-
Yem Sp. Wereda	14,117	4,315	*	-	5,268	4,353
Dawro	4,244	*	*	-	4,074	-
Basketo Sp. Wereda	2,787	*	-	382	2,043	-
Konta Sp. Wereda	*	-	*	*	-	-
Silte	16,473	*	*	*	*	-
Alaba Sp. Wereda	11,090	6,736	*	*	*	*
Segen People	30,327	*	1,716	22,175	*	*
Gambela Region	*	-	*	*	-	*
Angnuwak	*	-	-	*	-	*
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	*	-	*	*	-	*
Harari	4,162	*	*	-	*	*
Hundene	4,162	*	*	-	*	*
Dire Dawa	125,095	11,518	22,100	12,516	75,233	*

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	91,769	24,666	13,078	34,244	7,180	12,600
Tigray	24,141	8,107	5,804	5,049	3,925	*
North West Tigray	13,576	3,436	*	*	*	*
Central Tigray	*	*	1,043	-	*	-
Eastern Tigray	*	*	-	-	*	-
Southern Tigray	*	-	*	*	-	-
Western Tigray	4,449	3,296	*	*	*	-
Afar	*	*	-	*	-	*
Zone 1	*	-	-	*	-	-
Zone 3	*	*	-	*	-	*
Amhara	8,235	*	*	*	*	*
North Gonder	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-
North Wolo	*	-	-	-	-	*
South Wolo	-	-	-	-	-	-
North Shewa	*	*	*	*	-	-
East Gojam	-	-	-	-	-	-
West Gojam	*	*	-	-	*	-
Waghamera	-	-	-	-	-	-
Awi	-	-	-	-	-	-
Oromia	*	*	-	*	-	*
Argoba Special	*	-	-	-	-	*
Oromia	38,021	*	*	*	*	*
West Wellega	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-
Jimma	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
Arsi	-	-	-	-	-	-
West Harerghe	*	*	*	*	-	-
East Harerghe	*	*	-	-	*	*
Bale	*	-	-	*	-	*
Borena	*	-	-	*	*	-
South West Shewa	-	-	-	-	-	-
Guji	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
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	2,062	676	*	-	*	*

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	9,128,646	5,426,005	5,241,390	1,182,738	128,733	31,875,527
Tigray	395,442	254,055	778,350	48,320	4,560	4,035,096
North West Tigray	186,393	33,913	443,921	21,003	2,037	1,937,387
Central Tigray	57,393	62,955	137,921	12,964	*	592,903
Eastern Tigray	18,070	73,199	15,719	2,833	-	236,163
Southern Tigray	57,607	62,349	41,371	7,757	*	307,219
Western Tigray	75,980	21,638	139,417	3,763	1,039	961,424
Afar	458,844	667,171	822,407	11,990	67,223	23,807
Zone 1	138,599	222,169	336,706	3,996	17,240	*
Zone 3	320,245	445,002	485,700	7,994	49,982	22,436
Amhara	1,988,466	1,680,432	1,250,351	408,353	8,863	14,002,757
North Gonder	401,066	172,628	366,432	58,107	*	6,086,266
South Gonder	238,653	163,538	121,570	42,483	-	1,558,144
North Wolo	92,229	111,208	105,900	18,225	*	528,368
South Wolo	152,592	233,892	106,996	33,505	*	565,678
North Shewa	123,542	299,023	208,445	46,015	*	914,866
East Gojam	245,677	236,176	154,539	87,022	-	677,947
West Gojam	406,212	253,667	26,280	69,542	-	2,703,331
Waghamera	46,234	55,603	85,971	9,858	-	80,712
Awi	242,166	139,817	30,932	41,655	-	791,698
Oromia	37,524	12,815	38,427	1,829	1,085	90,849
Argoba Special	2,571	2,065	4,861	113	*	4,897
Oromia	4,290,915	2,024,627	1,525,883	559,934	33,456	9,141,261
West Wellega	460,883	108,477	61,225	44,450	*	1,259,543
East Wellega	360,899	68,228	36,315	39,337	-	549,186
Illubabor	364,346	89,231	52,900	33,290	-	413,970
Jimma	386,991	164,611	82,452	25,540	-	506,729
West Shewa	405,032	214,434	90,737	70,950	-	1,239,165
North Shewa	182,502	282,802	63,994	31,604	-	581,060
East Shewa	158,937	66,618	98,062	24,702	*	627,469
Arsi	249,256	272,738	*	38,252	*	780,369
West Harerghe	121,453	24,113	97,553	15,400	*	275,657
East Harerghe	190,067	63,590	149,043	16,429	5,660	257,222
Bale	200,692	*	124,026	31,027	3,236	155,623
Borena	106,798	86,818	138,437	5,774	4,772	155,544
South West Shewa	193,610	140,502	63,718	47,154	-	741,140
Guji	179,592	62,859	81,726	22,323	*	292,807
Werst Arsi	251,389	179,256	63,196	58,626	-	364,688
Kelem Wellega	311,902	89,613	60,466	24,293	-	658,160
Horoguduru Wellega	166,566	55,533	28,615	30,782	-	282,932

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	35,499	137,296	177,499	3,040	12,175	21,111
Shinele	3,017	8,070	26,340	730	1,310	1,428
Jijiga	17,894	83,427	56,799	1,359	1,286	*
Liben	14,588	45,799	94,359	952	9,579	19,504
Benshangul-Gumuz	331,581	45,243	244,204	39,401	-	1,418,884
Metekel	230,622	27,030	80,497	17,962	-	623,261
Asosa	78,622	11,958	133,656	17,768	-	646,957
Kemeshi	15,535	3,210	19,622	2,689	-	73,649
Mao Komo	6,802	3,045	10,429	981	-	75,017
SNNP	1,561,242	583,661	377,695	108,346	*	3,021,594
Gurage	118,738	58,370	25,006	13,918	-	*
Hadiya	104,516	31,295	8,713	14,835	-	192,548
Kembata Tembaro	46,173	7,554	2,530	3,209	-	45,082
Sidama	140,004	36,076	6,291	5,295	-	333,119
Gedio	*	23,311	*	2,500	-	66,470
Wolayita	145,817	28,622	5,786	6,304	-	199,230
South Omo	137,854	75,258	136,102	6,955	-	332,144
Shaka	20,075	11,220	2,638	1,374	-	110,684
Kaffa	126,859	79,276	38,791	10,031	-	336,714
Gamo Gofa	319,321	88,244	51,373	15,951	-	420,961
Bench Maji	79,762	41,354	12,529	2,971	*	305,653
Yem Sp. Wereda	11,574	4,836	5,186	640	-	12,345
Dawro	77,752	23,647	6,776	4,211	-	31,840
Basketo Sp. Wereda	13,178	5,939	1,609	742	-	20,038
Konta Sp. Wereda	24,352	5,296	1,851	769	-	18,244
Silte	46,784	27,531	12,242	8,074	-	128,426
Alaba Sp. Wereda	19,874	5,728	3,542	3,448	-	45,329
Segen People	120,919	30,104	56,031	7,119	-	150,134
Gambela Region	48,670	6,596	20,450	743	-	177,480
Angnuwak	16,904	*	4,691	*	-	100,115
Nuware	25,445	4,905	13,015	*	-	29,063
Mezhenger	3,502	*	717	208	-	24,487
Itang Special	2,819	*	*	-	-	23,815
Harari	10,605	884	5,218	717	*	5,692
Hundene	10,605	884	5,218	717	*	5,692
Dire Dawa	7,382	26,040	39,331	1,896	1,046	27,844

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	6,179,178	2,323,505	1,874,377	706,891	33,625	3,868,274
Tigray	178,011	84,248	292,907	14,867	3,781	524,698
North West Tigray	77,082	*	189,586	5,234	1,416	176,132
Central Tigray	24,743	17,297	34,672	4,908	*	40,692
Eastern Tigray	8,892	21,508	*	*	-	70,534
Southern Tigray	35,901	35,496	16,324	*	*	41,237
Western Tigray	31,392	8,158	47,859	1,184	881	196,104
Afar	36,374	117,639	119,823	2,108	11,155	-
Zone 1	9,494	24,880	*	1,150	*	-
Zone 3	26,880	92,759	86,322	*	*	-
Amhara	1,384,560	854,678	335,690	233,978	6,780	1,256,553
North Gonder	206,720	77,489	34,420	30,081	*	393,141
South Gonder	150,522	78,335	21,534	21,239	-	78,457
North Wolo	57,692	41,777	50,662	6,224	*	*
South Wolo	87,939	77,914	27,242	14,291	*	79,785
North Shewa	73,435	125,672	*	21,245	*	134,946
East Gojam	188,321	138,541	45,170	54,943	-	135,286
West Gojam	356,134	170,999	9,593	46,834	-	209,148
Waghamera	24,104	29,612	25,591	*	-	6,617
Awi	219,702	110,661	20,553	33,048	-	172,123
Oromia	19,418	3,555	11,690	*	558	*
Argoba Special	574	124	508	28	*	*
Oromia	3,206,223	1,000,076	764,896	367,782	9,758	1,588,797
West Wellega	431,288	93,045	44,908	38,974	*	362,852
East Wellega	326,160	46,535	22,942	33,606	-	80,948
Illubabor	314,330	44,303	28,576	25,410	-	84,251
Jimma	232,103	32,320	32,329	11,176	-	24,453
West Shewa	315,309	113,906	50,250	48,809	-	161,621
North Shewa	120,258	162,195	29,639	17,833	-	98,484
East Shewa	125,202	37,150	53,746	16,518	*	162,767
Arsi	152,420	126,366	*	21,036	*	201,221
West Harerghe	62,410	6,627	25,556	6,330	*	29,690
East Harerghe	115,625	25,477	58,429	9,708	*	*
Bale	130,275	10,681	64,850	18,379	*	35,296
Borena	47,476	38,486	52,408	*	1,722	*
South West Shewa	143,175	72,770	17,128	35,161	-	103,958
Guji	122,459	26,455	*	11,472	*	42,611
West Arsi	155,846	61,385	20,312	28,663	-	*
Kelem Wellega	277,757	68,585	42,781	20,196	-	96,344
Horoguduru Wellega	134,130	33,790	12,566	22,096	-	48,793

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	10,162	26,041	21,416	*	1,338	*
Shinele	721	1,342	4,973	*	*	*
Jijiga	7,697	20,354	13,265	*	*	-
Liben	1,744	4,345	3,178	*	*	-
Benshangul-Gumuz	273,550	33,408	153,988	27,478	-	243,742
Metekel	175,745	20,470	37,881	10,941	-	70,205
Asosa	77,235	9,162	94,737	13,826	-	147,627
Kemeshi	14,075	1,583	13,168	1,873	-	6,203
Mao Komo	6,495	2,192	8,201	837	-	19,708
SNNP	1,063,001	201,217	170,702	59,121	-	245,175
Gurage	71,768	15,880	*	7,616	-	31,626
Hadiya	71,297	17,273	*	7,939	-	15,946
Kembata Tembaro	24,774	2,369	837	1,764	-	4,247
Sidama	94,586	22,781	*	3,325	-	16,495
Gedio	*	11,403	*	1,638	-	*
Wolayita	113,257	14,362	3,429	5,095	-	33,303
South Omo	79,571	23,810	66,798	2,245	-	44,576
Shaka	12,493	2,066	*	1,113	-	13,599
Kaffa	81,741	14,522	4,717	3,989	-	9,934
Gamo Gofa	235,392	*	*	10,717	-	28,784
Bench Maji	63,176	17,269	7,155	1,088	-	4,494
Yem Sp. Wereda	8,546	1,528	2,292	215	-	*
Dawro	66,118	14,363	3,949	3,573	-	*
Basketo Sp. Wereda	11,311	4,050	1,287	622	-	5,372
Konta Sp. Wereda	19,546	4,231	801	516	-	*
Silte	22,004	9,188	4,839	2,981	-	7,600
Alaba Sp. Wereda	13,219	1,786	802	1,088	-	6,686
Segen People	68,106	10,260	18,276	3,598	-	8,724
Gambela Region	16,319	*	2,696	*	-	7,298
Angnuwak	12,714	-	*	*	-	*
Nuware	612	*	*	-	-	*
Mezhenger	2,759	*	*	*	-	*
Itang Special	*	-	*	-	-	-
Harari	6,845	*	1,796	279	*	423
Hundene	6,845	*	1,796	279	*	423
Dire Dawa	4,133	5,613	10,463	681	*	838

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	2,872,567	3,675,888	3,741,521	114,941	342,795	39,850	66,236	30,492,308
Tigray	130,271	211,092	561,115	*	22,929	*	*	3,706,765
North West Tigray	52,000	22,583	309,797	-	7,247	-	*	1,747,459
Central Tigray	23,956	56,318	107,977	*	7,549	*	-	582,959
Eastern Tigray	9,627	67,257	15,699	-	2,713	-	-	249,134
Southern Tigray	16,265	44,350	36,630	-	4,500	*	-	286,944
Western Tigray	28,424	20,583	91,013	*	920	-	-	840,268
Afar	348,638	546,403	664,478	-	7,600	*	46,594	24,946
Zone 1	105,032	190,894	271,782	-	*	-	11,051	*
Zone 3	243,607	355,510	392,696	-	4,474	*	35,543	24,497
Amhara	496,036	1,068,674	1,026,851	30,779	139,336	*	2,766	13,449,105
North Gonder	127,073	124,263	314,767	*	23,500	-	-	5,728,807
South Gonder	44,714	81,355	97,619	2,505	8,903	*	-	1,519,374
North Wolo	29,030	88,231	72,966	*	7,194	*	*	512,977
South Wolo	56,374	181,485	85,177	4,874	13,886	*	*	560,714
North Shewa	40,413	244,369	170,498	5,759	19,870	-	*	918,269
East Gojam	63,696	144,029	141,125	8,904	28,711	*	-	610,958
West Gojam	49,569	99,823	22,720	*	24,447	*	-	2,645,110
Waghamera	20,750	33,074	69,993	*	4,160	*	-	78,416
Awı	42,963	58,726	15,963	3,043	7,668	*	-	775,997
Oromia	19,572	11,295	31,656	-	894	-	*	94,118
Argoba Special	1,882	2,023	4,367	-	103	-	*	4,366
Oromia	1,269,161	1,316,949	983,844	61,900	132,718	8,546	10,518	8,945,957
West Wellega	58,272	32,811	37,375	*	5,719	-	-	1,191,774
East Wellega	95,102	28,829	17,750	624	10,502	*	-	534,215
Illubabor	85,571	56,879	29,565	4,284	4,117	*	-	452,067
Jimma	109,163	121,021	55,186	3,215	7,682	*	-	532,542
West Shewa	99,146	147,273	49,075	7,913	14,027	-	-	1,194,324
North Shewa	70,984	205,681	48,383	*	9,440	*	-	503,117
East Shewa	39,194	39,401	63,253	*	8,860	*	*	731,371
Arsi	121,567	178,703	*	8,858	8,898	*	-	739,794
West Harerghe	65,415	17,379	73,584	-	5,340	-	*	250,318
East Harerghe	86,364	49,360	88,640	-	9,549	-	*	263,371
Bale	83,843	*	63,384	2,034	9,937	*	*	151,273
Borena	46,794	61,099	84,236	-	3,711	-	1,199	136,510
South West Shewa	58,468	97,860	45,052	5,407	7,711	*	-	726,477
Guji	70,793	46,521	74,380	7,986	3,452	*	*	309,994
West Arsi	104,720	127,102	55,314	11,177	13,548	-	-	357,501
Kelem Wellega	39,041	23,247	21,553	*	4,247	*	-	614,792
Horoguduru Wellega	34,721	36,328	19,162	3,729	5,979	*	*	256,516

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	17,754	90,998	109,739	*	1,838	-	4,532	17,282
Shinele	1,793	6,183	16,072	-	426	-	668	857
Jijiga	7,620	55,642	39,027	-	1,011	-	-	*
Liben	8,341	29,172	54,640	*	*	-	3,865	16,336
Benshangul-Gumuz	56,528	22,938	150,704	*	16,077	615	-	1,325,675
Metekel	38,007	14,426	47,777	*	5,011	*	-	574,493
Asosa	13,596	4,518	86,513	-	9,140	*	-	610,671
Kemeshi	3,391	2,434	11,821	-	1,614	-	-	70,854
Mao Komo	1,533	1,560	4,594	-	312	-	-	69,658
SNNP	508,751	389,599	188,640	18,421	20,416	3,318	-	2,814,182
Gurage	56,840	47,206	9,581	*	2,417	*	-	169,485
Hadiya	46,761	21,760	5,768	*	4,472	*	-	193,481
Kembata Tembaro	26,730	5,629	1,394	*	1,072	-	-	47,102
Sidama	53,128	15,478	*	*	*	*	-	349,365
Gedio	1,268	11,550	-	*	-	*	-	66,043
Wolayita	45,004	15,316	2,619	-	*	*	-	190,418
South Omo	45,266	38,755	60,259	*	*	*	-	288,298
Shaka	7,480	8,228	*	331	*	-	-	102,718
Kaffa	43,418	62,920	31,477	5,092	-	963	-	327,890
Gamo Gofa	69,620	65,103	18,816	2,466	2,693	-	-	404,305
Bench Maji	24,508	28,526	6,989	1,198	*	-	-	307,497
Yem Sp. Wereda	2,811	3,821	3,663	*	365	-	-	10,502
Dawro	19,263	14,657	3,636	*	-	*	-	22,560
Basketo Sp. Wereda	3,675	3,571	664	*	*	*	-	15,830
Konta Sp. Wereda	7,544	3,048	1,028	199	*	-	-	12,370
Silte	21,981	20,437	6,575	*	3,423	-	-	119,617
Alaba Sp. Wereda	9,594	5,205	2,126	396	903	*	-	44,396
Segen People	23,861	18,390	29,006	-	1,691	-	-	142,304
Gambela Region	38,136	4,909	18,571	*	*	-	-	177,249
Angnuwak	13,599	377	4,620	-	*	-	-	100,593
Nuware	21,493	3,747	11,692	-	-	-	-	29,235
Mezhenger	1,051	757	717	*	*	-	-	22,829
Itang Special	1,993	*	*	-	-	-	-	24,591
Harari	3,762	728	3,753	-	425	-	*	5,834
Hundene	3,762	728	3,753	-	425	-	*	5,834
Dire Dawa	3,531	23,598	33,825	-	1,271	-	*	25,314

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	982,233	1,192,380	1,724,659	21,382	102,757	6,658	49,850	28,258,968
Tigray	81,809	75,259	199,156	*	11,790	-	1,798	2,959,830
North West Tigray	41,474	11,104	103,380	-	3,175	-	*	1,285,379
Central Tigray	5,299	18,834	36,639	-	1,258	-	*	595,620
Eastern Tigray	5,637	27,755	18,897	-	1,510	-	-	296,640
Southern Tigray	9,037	11,956	16,072	-	4,754	-	*	377,062
Western Tigray	20,362	5,610	24,169	*	1,093	-	*	405,129
Afar	336,195	552,774	797,814	*	6,906	-	45,045	60,850
Zone 1	129,687	388,933	605,187	*	*	-	*	*
Zone 3	206,509	163,841	192,627	*	*	-	17,831	55,825
Amhara	196,950	235,107	319,322	5,527	45,937	5,393	*	9,380,944
North Gonder	45,465	22,998	107,169	*	5,235	-	-	2,390,821
South Gonder	30,084	17,132	28,316	-	*	-	-	1,008,195
North Wolo	12,325	11,218	26,002	-	4,810	*	*	396,597
South Wolo	17,821	72,246	31,749	-	*	*	-	673,146
North Shewa	26,358	45,782	45,428	1,537	8,141	-	-	909,199
East Gojam	16,699	21,515	34,056	1,689	7,202	-	-	539,570
West Gojam	15,992	22,546	13,577	-	*	*	-	2,464,662
Waghamera	11,823	9,205	16,013	*	1,439	-	-	131,367
Awi	15,980	10,260	9,352	*	*	*	-	698,559
Oromia	3,641	1,997	6,812	-	693	-	*	154,012
Argoba Special	763	208	847	-	92	-	*	14,817
Oromia	240,097	196,780	234,693	10,379	30,189	*	1,230	9,764,456
West Wellega	4,831	7,279	4,520	*	*	-	-	831,091
East Wellega	4,356	5,404	2,394	-	-	-	-	401,782
Illubabor	*	9,287	6,355	1,366	*	*	-	588,609
Jimma	19,452	12,897	10,410	-	*	-	-	1,026,826
West Shewa	25,939	19,865	10,236	1,347	3,046	*	-	638,949
North Shewa	13,090	7,322	7,354	*	2,118	-	-	117,986
East Shewa	14,132	22,343	19,842	*	6,942	-	-	391,064
Arsi	31,841	37,803	*	*	5,351	-	-	692,830
West Harerghe	10,224	6,462	22,623	-	1,726	-	-	1,063,413
East Harerghe	12,151	6,980	27,833	-	*	-	*	1,274,802
Bale	10,241	*	18,698	*	1,315	-	-	241,007
Borena	11,022	16,210	18,929	*	1,662	-	*	221,379
South West Shewa	8,876	11,227	9,712	*	*	-	-	341,823
Guji	5,320	6,023	*	*	*	-	-	550,985
West Arsi	21,820	7,846	5,612	*	3,809	-	-	375,772
Kelem Wellega	5,144	8,085	*	*	-	-	-	727,009
Horoguduru Wellega	5,988	5,096	6,323	357	1,030	-	-	279,129

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	7,096	59,902	76,166	*	749	*	689	74,160
Shinele	1,476	24,087	40,343	*	368	*	*	4,930
Jijiga	3,335	*	16,881	-	*	-	*	*
Liben	2,284	8,820	18,943	-	*	-	-	67,163
Benshangul-Gumuz	13,297	4,880	25,509	-	1,932	*	-	643,809
Metekel	12,395	2,953	17,223	-	*	*	-	510,057
Asosa	*	*	5,723	-	615	-	-	45,158
Kemeshi	*	641	1,772	-	*	-	-	61,038
Mao Komo	*	482	791	-	*	-	-	27,557
SNNP	99,743	61,231	62,417	3,408	4,672	-	-	5,082,012
Gurage	15,914	11,853	*	*	*	-	-	144,667
Hadiya	26,906	2,617	3,930	-	*	-	-	227,978
Kembata Tembaro	6,503	*	961	-	-	-	-	135,491
Sidama	4,954	4,125	*	-	-	-	-	486,697
Gedio	*	*	-	*	-	-	-	85,232
Wolayita	*	2,331	*	-	-	-	-	365,455
South Omo	7,703	6,497	12,154	*	*	-	-	227,078
Shaka	1,133	4,959	608	*	*	-	-	296,484
Kaffa	2,263	7,081	13,927	*	-	-	-	1,245,740
Gamo Gofa	7,773	8,547	10,777	*	-	-	-	619,491
Bench Maji	3,172	3,787	2,349	*	-	-	-	707,507
Yem Sp. Wereda	334	256	823	*	-	-	-	26,741
Dawro	1,311	339	*	-	-	-	-	66,913
Basketo Sp. Wereda	*	552	370	-	-	-	-	23,214
Konta Sp. Wereda	259	*	*	-	-	-	-	45,404
Silte	8,133	3,260	2,646	*	695	-	-	220,168
Alaba Sp. Wereda	1,295	1,041	*	*	*	-	-	63,228
Segen People	2,643	2,691	6,864	*	*	-	-	94,526
Gambela Region	5,674	1,643	1,231	-	*	-	-	194,304
Angnuwak	*	*	756	-	*	-	-	85,533
Nuware	4,737	*	*	-	-	-	-	65,230
Mezhenger	*	*	-	-	-	-	-	32,900
Itang Special	*	-	*	-	-	-	-	10,641
Harari	634	175	1,663	-	*	-	*	48,608
Hundene	634	175	1,663	-	*	-	*	48,608
Dire Dawa	738	4,629	6,688	*	*	-	*	49,995

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	3,707,197	4,266,891	4,220,613	3,386,029	763,505	127,226	6,672	1,732	981
Tigray	287,609	272,536	320,141	267,882	71,548	15,384	1,171	-	-
North West Tigray	61,145	53,091	81,730	109,294	40,297	7,704	645	-	-
Central Tigray	86,278	89,683	100,146	44,975	1,570	218	-	-	-
Eastern Tigray	52,161	51,095	55,990	23,173	1,570	156	-	-	-
Southern Tigray	64,113	61,143	61,393	50,732	6,933	168	-	-	-
Western Tigray	23,909	17,525	20,883	39,708	21,178	7,139	526	-	-
Afar	76,376	21,328	28,441	46,758	40,288	19,424	-	-	-
Zone 1	47,539	9,629	16,783	32,178	27,978	10,868	-	-	-
Zone 3	28,837	11,699	11,658	14,580	12,310	8,556	-	-	-
Amhara	1,029,624	1,336,886	1,396,093	992,761	153,763	12,471	655	-	-
North Gonder	188,159	202,136	221,760	202,546	68,333	9,399	655	-	-
South Gonder	81,085	158,202	197,449	119,289	10,075	-	-	-	-
North Wolo	73,835	116,277	111,463	45,146	1,741	-	-	-	-
South Wolo	135,712	196,965	252,942	83,502	-	-	-	-	-
North Shewa	126,443	175,591	143,307	103,971	5,858	-	-	-	-
East Gojam	157,678	196,043	179,473	130,665	19,264	430	-	-	-
West Gojam	129,890	163,635	166,446	191,690	23,520	917	-	-	-
Waghamera	30,964	37,663	32,899	23,452	2,723	134	-	-	-
Awii	63,164	62,891	60,713	76,432	19,613	957	-	-	-
Oromia	41,389	26,244	28,182	14,505	2,359	628	-	-	-
Argoba Special	1,301	1,240	1,458	1,565	278	7	-	-	-
Oromia	1,378,568	1,465,806	1,418,664	1,423,910	388,203	57,229	2,498	202	-
West Wellega	111,497	63,034	47,866	69,953	18,234	3,962	203	-	-
East Wellega	42,865	36,944	35,639	50,951	24,092	4,619	254	-	-
Illubabor	81,412	63,384	67,495	80,756	23,447	1,739	-	-	-
Jimma	133,399	148,086	187,622	163,671	23,813	891	-	-	-
West Shewa	121,176	106,870	99,565	126,955	52,508	4,138	-	-	-
North Shewa	57,320	69,398	98,572	117,149	28,370	1,571	-	-	-
East Shewa	94,303	86,298	64,738	75,811	15,185	4,246	-	-	-
Arsi	104,351	134,903	145,825	177,253	40,269	4,646	833	-	-
West Harerghe	58,756	122,558	104,655	47,354	7,537	1,272	-	-	-
East Harerghe	96,801	205,928	128,533	38,960	1,081	285	-	-	-
Bale	48,409	52,483	73,013	100,209	32,143	3,612	-	-	-
Borena	39,094	29,248	26,866	36,286	23,875	9,817	459	202	-
South West Shewa	76,428	101,524	88,824	75,893	13,719	556	-	-	-
Guji	102,350	73,799	69,409	87,402	30,110	7,386	562	-	-
West Arsi	103,104	100,540	115,140	109,901	29,173	4,193	-	-	-
Kelem Wellega	80,466	53,117	46,693	35,105	4,993	189	-	-	-
Horoguduru Wellega	26,837	17,693	18,209	30,300	19,655	4,107	187	-	-

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	42,612	15,214	18,896	26,419	11,628	2,694	187	-	-
Shinele	3,806	1,116	1,265	721	162	49	-	-	-
Jijiga	10,580	8,174	11,045	19,908	6,531	585	-	-	-
Liben	28,224	5,925	6,586	5,790	4,935	2,061	187	-	-
Benshangul-Gumuz	129,764	32,113	28,422	34,742	17,796	4,392	-	-	-
Metekel	47,367	19,682	17,664	27,182	15,721	4,049	-	-	-
Asosa	62,253	7,972	7,046	4,860	1,241	137	-	-	-
Kemeshi	11,442	2,505	2,817	2,234	789	190	-	-	-
Mao Komo	8,700	1,954	895	465	46	17	-	-	-
SNNP	708,022	1,094,120	991,311	583,838	74,652	11,539	1,741	1,472	981
Gurage	30,946	66,966	102,824	56,016	6,002	-	-	-	-
Hadiya	25,242	88,585	105,873	53,903	3,179	248	248	-	-
Kembata Tembaro	15,219	52,024	55,587	17,287	274	-	-	-	-
Sidama	223,917	374,100	207,526	97,416	11,767	716	-	-	-
Gedio	142,117	36,702	9,737	3,458	458	-	-	-	-
Wolayita	27,337	118,811	122,671	37,004	245	-	-	-	-
South Omo	44,762	35,117	21,532	22,508	12,108	5,969	1,342	1,472	981
Shaka	22,163	13,387	10,632	6,509	1,151	830	-	-	-
Kaffa	26,320	42,431	63,992	68,115	13,319	566	-	-	-
Gamo Gofa	53,160	114,844	122,063	88,170	7,341	312	-	-	-
Bench Maji	31,229	32,083	27,841	20,146	2,374	373	-	-	-
Yem Sp. Wereda	3,049	4,843	6,939	5,921	368	-	-	-	-
Dawro	5,227	12,321	21,002	24,052	4,267	236	-	-	-
Basketo Sp. Wereda	4,873	6,580	4,755	3,153	182	-	-	-	-
Konta Sp. Wereda	3,635	6,709	9,305	8,701	681	-	-	-	-
Silte	18,456	50,066	60,939	37,694	2,327	-	-	-	-
Alaba Sp. Wereda	5,140	12,797	16,181	12,372	1,085	73	-	-	-
Segen People	25,231	25,754	21,910	21,414	7,523	2,216	150	-	-
Gambela Region	40,372	8,640	5,493	4,697	5,148	4,060	420	58	-
Angnuwak	17,531	2,956	2,282	1,608	413	-	32	-	-
Nuware	1,274	397	798	2,265	4,452	3,784	356	58	-
Mezhenger	16,977	5,187	2,348	589	44	-	-	-	-
Itang Special	4,590	100	64	235	239	277	32	-	-
Harari	5,577	9,723	6,706	3,306	341	31	-	-	-
Hundene	5,577	9,723	6,706	3,306	341	31	-	-	-
Dire Dawa	8,674	10,525	6,448	1,716	137	-	-	-	-

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	10,875,167	3,546,474	1,470,202	577,008	9,536	742	1,472	245
Tigray	972,650	119,381	99,249	44,991	-	-	-	-
North West Tigray	325,262	10,225	10,820	7,599	-	-	-	-
Central Tigray	247,013	40,797	26,480	8,580	-	-	-	-
Eastern Tigray	91,078	38,232	39,863	14,972	-	-	-	-
Southern Tigray	190,407	24,364	18,678	11,033	-	-	-	-
Western Tigray	118,889	5,763	3,409	2,807	-	-	-	-
Afar	87,695	42,429	33,233	67,504	1,754	-	-	-
Zone 1	57,216	29,303	21,773	35,464	1,219	-	-	-
Zone 3	30,480	13,126	11,460	32,040	534	-	-	-
Amhara	3,154,190	953,422	587,647	225,930	764	300	-	-
North Gonder	687,667	118,032	63,707	23,582	-	-	-	-
South Gonder	356,116	123,588	71,913	14,483	-	-	-	-
North Wolo	241,199	55,328	32,016	19,515	404	-	-	-
South Wolo	394,613	117,886	104,874	51,748	-	-	-	-
North Shewa	332,182	91,119	67,504	63,705	360	300	-	-
East Gojam	405,238	149,350	107,094	21,871	-	-	-	-
West Gojam	378,874	192,442	88,476	16,306	-	-	-	-
Waghamera	100,119	13,493	9,395	4,828	-	-	-	-
Awi	163,981	75,215	37,022	7,552	-	-	-	-
Oromia	89,419	16,480	5,366	2,042	-	-	-	-
Argoba Special	4,783	488	281	297	-	-	-	-
Oromia	4,046,200	1,389,288	529,720	167,672	2,017	183	-	-
West Wellega	237,519	55,995	19,668	1,567	-	-	-	-
East Wellega	138,777	39,195	13,916	3,476	-	-	-	-
Illubabor	196,712	93,336	26,229	1,956	-	-	-	-
Jimma	396,887	199,856	55,555	5,184	-	-	-	-
West Shewa	311,420	121,679	58,224	19,889	-	-	-	-
North Shewa	199,626	71,105	63,787	37,862	-	-	-	-
East Shewa	270,624	42,078	19,892	7,804	-	183	-	-
Arsi	354,191	138,255	74,703	40,053	878	-	-	-
West Harerghe	280,580	53,523	6,958	1,071	-	-	-	-
East Harerghe	304,528	142,523	20,969	3,283	285	-	-	-
Bale	265,041	23,579	13,291	7,958	-	-	-	-
Borena	108,818	32,262	16,428	8,001	338	-	-	-
South West Shewa	247,029	78,507	26,341	5,067	-	-	-	-
Guji	222,266	105,794	36,273	6,685	-	-	-	-
West Arsi	280,483	122,916	44,716	13,420	516	-	-	-
Kelem Wellega	160,246	41,812	17,189	1,316	-	-	-	-
Horoguduru Wellega	71,452	26,874	15,581	3,081	-	-	-	-

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	44,364	18,406	16,891	35,019	2,711	259	-	-
Shinele	2,780	1,745	1,071	1,510	-	13	-	-
Jijiga	22,122	6,126	5,794	19,824	2,711	246	-	-
Liben	19,462	10,535	10,026	13,685	-	-	-	-
Benshangul-Gumuz	222,768	16,094	7,080	1,287	-	-	-	-
Metekel	116,071	9,443	5,047	1,104	-	-	-	-
Asosa	78,815	3,598	1,096	-	-	-	-	-
Kemeshi	17,559	1,748	590	80	-	-	-	-
Mao Komo	10,323	1,305	346	103	-	-	-	-
SNNP	2,250,459	990,315	191,236	31,738	2,211	-	1,472	245
Gurage	162,055	74,647	23,470	2,582	-	-	-	-
Hadiya	180,454	86,219	10,079	526	-	-	-	-
Kembata Tembaro	89,954	47,812	2,465	160	-	-	-	-
Sidama	706,962	190,058	15,645	2,777	-	-	-	-
Gedio	125,493	55,799	9,956	1,224	-	-	-	-
Wolayita	180,122	120,966	4,980	-	-	-	-	-
South Omo	81,649	32,768	17,441	10,005	2,211	-	1,472	245
Shaka	39,255	11,019	3,805	593	-	-	-	-
Kaffa	87,858	89,992	34,602	2,291	-	-	-	-
Gamo Gofa	271,277	79,796	26,486	8,331	-	-	-	-
Bench Maji	62,668	42,711	8,505	162	-	-	-	-
Yem Sp. Wereda	12,486	6,856	1,631	147	-	-	-	-
Dawro	33,782	28,783	4,413	127	-	-	-	-
Basketo Sp. Wereda	12,675	6,214	603	51	-	-	-	-
Konta Sp. Wereda	18,057	10,412	562	-	-	-	-	-
Silte	81,889	70,218	16,444	931	-	-	-	-
Alaba Sp. Wereda	27,254	18,166	2,148	80	-	-	-	-
Segen People	76,566	17,881	8,001	1,750	-	-	-	-
Gambela Region	62,527	3,911	1,260	1,110	80	-	-	-
Angnuwak	24,064	758	-	-	-	-	-	-
Nuware	10,244	993	1,008	1,071	68	-	-	-
Mezhenger	22,824	2,146	175	-	-	-	-	-
Itang Special	5,394	14	77	39	13	-	-	-
Harari	22,263	3,016	405	-	-	-	-	-
Hundene	22,263	3,016	405	-	-	-	-	-
Dire Dawa	12,047	10,213	3,481	1,759	-	-	-	-

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	12,105,060	2,513,196	1,138,678	685,228	30,248	6,154	1,644	638
Tigray	789,897	145,924	155,456	142,404	2,144	446	-	-
North West Tigray	177,101	43,050	51,150	80,852	1,427	326	-	-
Central Tigray	187,570	57,720	54,292	23,288	-	-	-	-
Eastern Tigray	152,033	12,352	12,527	7,233	-	-	-	-
Southern Tigray	198,450	16,419	18,124	11,290	199	-	-	-
Western Tigray	74,739	16,384	19,364	19,741	519	121	-	-
Afar	62,476	26,283	30,797	100,287	12,269	503	-	-
Zone 1	39,898	18,562	21,414	60,023	4,575	503	-	-
Zone 3	22,577	7,721	9,384	40,264	7,694	-	-	-
Amhara	3,824,641	586,416	359,531	150,220	1,339	106	-	-
North Gonder	646,386	99,459	86,558	60,091	494	-	-	-
South Gonder	453,618	54,053	52,136	6,293	-	-	-	-
North Wolo	242,533	66,822	28,864	10,243	-	-	-	-
South Wolo	463,443	146,321	49,096	10,261	-	-	-	-
North Shewa	393,437	89,371	53,971	17,996	395	-	-	-
East Gojam	588,694	47,726	33,689	13,444	-	-	-	-
West Gojam	619,532	27,939	17,928	10,699	-	-	-	-
Waghamera	78,947	19,467	16,796	12,076	443	106	-	-
Awi	253,989	17,553	9,181	3,047	-	-	-	-
Oromia	81,049	16,737	10,237	5,284	-	-	-	-
Argoba Special	3,010	968	1,076	788	7	-	-	-
Oromia	4,447,741	1,097,564	417,863	169,205	1,874	833	-	-
West Wellega	279,935	22,867	10,444	1,503	-	-	-	-
East Wellega	162,734	21,681	8,911	2,038	-	-	-	-
Illubabor	251,338	52,957	12,154	1,784	-	-	-	-
Jimma	518,297	110,061	26,601	2,523	-	-	-	-
West Shewa	422,836	51,305	27,468	9,603	-	-	-	-
North Shewa	303,319	43,924	20,307	4,830	-	-	-	-
East Shewa	247,385	46,608	27,761	18,644	183	-	-	-
Arsi	458,875	82,535	35,583	29,421	833	833	-	-
West Harerghe	160,147	115,778	48,918	17,289	-	-	-	-
East Harerghe	194,838	216,990	49,001	10,759	-	-	-	-
Bale	182,075	69,568	42,832	15,394	-	-	-	-
Borena	78,435	32,951	22,615	30,988	858	-	-	-
South West Shewa	260,662	69,763	20,712	5,807	-	-	-	-
Guji	283,037	52,601	25,295	10,085	-	-	-	-
West Arsi	370,826	65,361	21,515	4,349	-	-	-	-
Kelem Wellega	185,409	26,629	7,845	680	-	-	-	-
Horoguduru Wellega	87,594	15,985	9,901	3,508	-	-	-	-

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	29,207	17,179	18,026	49,128	3,934	160	16	-
Shinele	1,080	1,198	1,311	3,170	312	32	16	-
Jijiga	20,987	9,624	7,283	18,135	712	82	-	-
Liben	7,141	6,357	9,432	27,822	2,910	46	-	-
Benshangul-Gumuz	167,187	43,936	22,297	13,742	67	-	-	-
Metekel	95,676	18,842	9,741	7,339	67	-	-	-
Asosa	51,391	18,488	8,877	4,753	-	-	-	-
Kemeshi	12,056	4,128	2,560	1,233	-	-	-	-
Mao Komo	8,061	2,478	1,120	418	-	-	-	-
SNNP	2,715,051	566,836	120,036	51,016	8,363	4,107	1,629	638
Gurage	218,224	35,612	6,476	2,442	-	-	-	-
Hadiya	222,089	45,206	8,881	1,102	-	-	-	-
Kembata Tembaro	116,963	21,615	1,813	-	-	-	-	-
Sidama	791,516	113,069	10,099	758	-	-	-	-
Gedio	189,049	1,941	998	484	-	-	-	-
Wolayita	245,930	56,267	3,626	245	-	-	-	-
South Omo	86,825	6,652	9,413	28,431	8,096	4,107	1,629	638
Shaka	47,875	5,576	1,096	125	-	-	-	-
Kaffa	125,552	73,605	15,365	221	-	-	-	-
Gamo Gofa	291,398	64,792	22,738	6,962	-	-	-	-
Bench Maji	86,736	22,525	4,347	438	-	-	-	-
Yem Sp. Wereda	11,276	6,755	2,671	418	-	-	-	-
Dawro	49,844	13,938	2,716	607	-	-	-	-
Basketo Sp. Wereda	16,761	1,956	726	100	-	-	-	-
Konta Sp. Wereda	22,487	6,017	527	-	-	-	-	-
Silte	106,954	49,473	12,093	962	-	-	-	-
Alaba Sp. Wereda	26,079	18,239	2,942	388	-	-	-	-
Segen People	59,490	23,600	13,507	7,334	267	-	-	-
Gambela Region	55,359	7,577	3,004	2,816	132	-	-	-
Angnuwak	19,936	3,710	677	384	115	-	-	-
Nuware	7,840	1,620	1,627	2,280	17	-	-	-
Mezhenger	23,275	1,624	246	-	-	-	-	-
Itang Special	4,309	623	453	152	-	-	-	-
Harari	9,428	11,623	4,041	592	-	-	-	-
Hundene	9,428	11,623	4,041	592	-	-	-	-
Dire Dawa	4,077	9,856	7,626	5,816	125	-	-	-

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	15,174,320	1,143,954	142,859	19,025	688	11,208,308	4,845,455	396,355	29,745	983
Tigray	1,234,654	1,456	161	-	-	680,476	513,716	40,728	1,351	-
North West Tigray	353,906	-	-	-	-	188,002	149,524	16,049	331	-
Central Tigray	322,870	-	-	-	-	185,815	130,936	5,904	215	-
Eastern Tigray	183,372	773	-	-	-	90,887	87,621	5,637	-	-
Southern Tigray	244,299	183	-	-	-	140,635	93,029	10,155	663	-
Western Tigray	130,206	501	161	-	-	75,139	52,605	2,982	142	-
Afar	232,615	-	-	-	-	163,956	52,484	13,176	2,999	-
Zone 1	144,975	-	-	-	-	113,696	24,422	5,446	1,411	-
Zone 3	87,640	-	-	-	-	50,259	28,062	7,731	1,588	-
Amhara	4,613,779	276,928	31,064	482	-	2,996,590	1,795,827	125,679	4,157	-
North Gonder	875,111	14,421	2,974	482	-	571,083	304,687	17,218	-	-
South Gonder	542,626	21,603	1,871	-	-	342,747	210,081	12,879	393	-
North Wolo	326,274	21,352	836	-	-	199,220	142,995	6,247	-	-
South Wolo	609,747	58,136	1,238	-	-	351,885	299,793	15,896	1,547	-
North Shewa	517,734	33,764	3,672	-	-	261,838	271,610	21,722	-	-
East Gojam	610,393	67,998	5,162	-	-	419,418	235,213	28,111	811	-
West Gojam	649,891	21,415	4,792	-	-	469,839	190,044	15,342	873	-
Waghamera	127,605	230	-	-	-	69,512	53,813	4,210	300	-
Awi	235,495	38,009	10,266	-	-	229,297	51,265	2,989	219	-
Oromia	113,055	-	252	-	-	78,085	34,244	964	14	-
Argoba Special	5,849	-	-	-	-	3,666	2,081	102	-	-
Oromia	5,413,849	606,078	97,926	16,607	620	4,072,626	1,856,437	187,093	17,941	983
West Wellega	313,125	1,426	198	-	-	234,495	70,959	8,543	547	205
East Wellega	192,901	1,908	416	139	-	132,248	58,128	4,866	122	-
Illubabor	280,980	33,159	3,296	798	-	288,824	27,328	2,081	-	-
Jimma	594,559	54,715	7,528	680	-	588,342	68,783	357	-	-
West Shewa	424,626	68,569	15,179	2,838	-	352,807	140,880	15,949	1,335	241
North Shewa	315,020	53,781	3,579	-	-	194,968	154,200	22,709	503	-
East Shewa	326,680	13,639	262	-	-	151,725	155,991	28,387	4,269	209
Arsi	457,895	131,968	15,730	2,319	168	301,723	275,104	28,011	3,242	-
West Harerghe	342,132	-	-	-	-	180,044	154,926	7,162	-	-
East Harerghe	471,150	438	-	-	-	279,832	183,351	8,405	-	-
Bale	274,545	21,809	8,828	4,687	-	163,658	128,474	15,090	2,459	188
Borena	165,023	824	-	-	-	121,774	39,051	4,559	323	140
South West Shewa	301,381	55,061	502	-	-	208,938	131,908	13,527	2,571	-
Guji	280,288	68,644	20,148	1,938	-	305,292	60,501	4,703	522	-
West Arsi	362,190	80,937	17,495	1,429	-	317,635	130,719	12,811	886	-
Kelem Wellega	212,081	7,255	1,048	179	-	179,954	38,667	1,942	-	-
Horoguduru Wellega	99,275	11,945	3,716	1,600	452	70,369	37,468	7,989	1,162	-

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	117,650	-	-	-	-	46,830	61,344	8,610	866	-
Shinele	7,119	-	-	-	-	3,367	3,214	498	40	-
Jijiga	56,823	-	-	-	-	24,977	27,343	3,948	555	-
Liben	53,708	-	-	-	-	18,487	30,786	4,163	272	-
Benshangul-Gumuz	246,696	319	214	-	-	195,091	48,047	3,303	788	-
Metekel	131,132	319	214	-	-	102,623	26,861	1,497	684	-
Asosa	83,509	-	-	-	-	65,254	16,631	1,519	105	-
Kemeshi	19,977	-	-	-	-	16,430	3,276	271	-	-
Mao Komo	12,077	-	-	-	-	10,781	1,280	16	-	-
SNNP	3,194,337	257,840	13,494	1,936	69	2,954,756	495,119	16,238	1,563	-
Gurage	217,432	45,322	-	-	-	186,299	73,454	2,808	193	-
Hadiya	251,031	25,988	259	-	-	187,152	88,783	1,343	-	-
Kembata Tembaro	132,734	7,291	366	-	-	106,885	33,506	-	-	-
Sidama	879,354	33,914	1,449	725	-	853,795	58,914	2,733	-	-
Gedio	179,868	11,817	478	309	-	189,967	2,505	-	-	-
Wolayita	305,829	239	-	-	-	273,233	32,594	241	-	-
South Omo	133,399	10,722	1,670	-	-	135,285	6,867	2,414	1,225	-
Shaka	47,705	6,114	722	131	-	52,645	2,027	-	-	-
Kaffa	163,044	44,178	6,749	772	-	213,873	870	-	-	-
Gamo Gofa	355,179	29,244	1,467	-	-	336,127	48,033	1,730	-	-
Bench Maji	106,863	6,849	334	-	-	113,215	831	-	-	-
Yem Sp. Wereda	20,791	329	-	-	-	17,393	3,727	-	-	-
Dawro	62,532	4,573	-	-	-	63,806	3,299	-	-	-
Basketo Sp. Wereda	19,061	482	-	-	-	18,511	1,032	-	-	-
Konta Sp. Wereda	27,757	1,274	-	-	-	27,455	1,515	61	-	-
Silte	143,501	25,981	-	-	-	82,410	85,603	1,469	-	-
Alaba Sp. Wereda	46,218	1,430	-	-	-	20,194	25,792	1,662	-	-
Segen People	102,036	2,093	-	-	69	76,509	25,768	1,776	145	-
Gambela Region	67,777	1,111	-	-	-	67,701	1,187	-	-	-
Angnuwak	24,822	-	-	-	-	23,635	1,187	-	-	-
Nuware	13,384	-	-	-	-	13,384	-	-	-	-
Mezhenger	24,034	1,111	-	-	-	25,145	-	-	-	-
Itang Special	5,537	-	-	-	-	5,537	-	-	-	-
Harari	25,684	-	-	-	-	15,420	9,819	445	-	-
Hundene	25,684	-	-	-	-	15,420	9,819	445	-	-
Dire Dawa	27,280	220	-	-	-	14,862	11,475	1,084	79	-

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	16,114,603	364,009	2,234	-	-	16,208,461	160,803	40,471	40,173	30,938
Tigray	1,229,034	7,237	-	-	-	1,195,920	36,074	2,037	2,240	-
North West Tigray	353,556	350	-	-	-	333,542	19,838	526	-	-
Central Tigray	321,532	1,338	-	-	-	318,682	4,188	-	-	-
Eastern Tigray	183,181	964	-	-	-	184,145	-	-	-	-
Southern Tigray	241,367	3,115	-	-	-	236,864	3,867	1,511	2,240	-
Western Tigray	129,399	1,469	-	-	-	122,687	8,181	-	-	-
Afar	231,979	636	-	-	-	154,152	38,356	10,054	13,995	16,058
Zone 1	144,975	-	-	-	-	95,605	32,294	6,764	5,406	4,906
Zone 3	87,004	636	-	-	-	58,547	6,062	3,290	8,589	11,152
Amhara	4,761,603	160,218	432	-	-	4,875,576	43,693	2,984	-	-
North Gonder	885,810	7,178	-	-	-	890,426	2,562	-	-	-
South Gonder	550,897	15,203	-	-	-	566,100	-	-	-	-
North Wolo	336,382	12,080	-	-	-	334,212	13,680	570	-	-
South Wolo	635,721	33,400	-	-	-	655,811	12,996	314	-	-
North Shewa	542,988	12,182	-	-	-	546,313	7,583	1,274	-	-
East Gojam	664,819	18,302	432	-	-	683,553	-	-	-	-
West Gojam	634,183	41,915	-	-	-	676,098	-	-	-	-
Waghamera	124,860	2,975	-	-	-	127,835	-	-	-	-
Awi	266,786	16,984	-	-	-	283,770	-	-	-	-
Oromia	113,307	-	-	-	-	105,962	6,518	827	-	-
Argoba Special	5,849	-	-	-	-	5,495	354	-	-	-
Oromia	5,997,618	136,322	1,140	-	-	6,064,659	30,992	19,106	17,353	2,970
West Wellega	311,052	3,697	-	-	-	314,557	-	-	-	192
East Wellega	190,812	4,552	-	-	-	195,364	-	-	-	-
Illubabor	304,647	13,586	-	-	-	318,233	-	-	-	-
Jimma	640,539	16,943	-	-	-	657,482	-	-	-	-
West Shewa	499,807	11,405	-	-	-	511,212	-	-	-	-
North Shewa	367,569	4,811	-	-	-	372,380	-	-	-	-
East Shewa	333,689	6,892	-	-	-	338,565	1,414	183	419	-
Arsi	586,272	21,454	354	-	-	593,351	1,915	6,150	6,664	-
West Harerghe	341,083	1,049	-	-	-	331,350	4,137	3,461	3,184	-
East Harerghe	470,502	1,086	-	-	-	463,456	3,769	2,442	1,276	645
Bale	295,532	14,150	187	-	-	299,636	6,175	2,068	1,990	-
Borena	164,042	1,805	-	-	-	149,384	8,799	3,132	2,650	1,882
South West Shewa	348,467	8,477	-	-	-	356,944	-	-	-	-
Guji	357,877	12,541	600	-	-	363,410	4,517	1,671	1,169	251
West Arsi	456,911	5,140	-	-	-	461,785	266	-	-	-
Kelem Wellega	214,404	6,159	-	-	-	220,563	-	-	-	-
Horoguduru Wellega	114,410	2,578	-	-	-	116,988	-	-	-	-

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	117,595	55	-	-	-	84,969	9,444	5,553	5,820	11,864
Shinele	7,119	-	-	-	-	5,502	670	415	380	152
Jijiga	56,823	-	-	-	-	44,899	5,223	1,979	1,532	3,190
Liben	53,653	55	-	-	-	34,568	3,551	3,159	3,908	8,522
Benshangul-Gumuz	245,523	1,706	-	-	-	246,997	203	-	29	-
Metekel	130,016	1,649	-	-	-	131,462	203	-	-	-
Asosa	83,509	-	-	-	-	83,509	-	-	-	-
Kemeshi	19,936	41	-	-	-	19,948	-	-	29	-
Mao Komo	12,062	15	-	-	-	12,077	-	-	-	-
SNNP	3,409,286	57,728	662	-	-	3,467,404	-	-	272	-
Gurage	260,093	2,427	234	-	-	262,754	-	-	-	-
Hadiya	272,029	5,249	-	-	-	277,278	-	-	-	-
Kembata Tembaro	139,458	933	-	-	-	140,391	-	-	-	-
Sidama	910,477	4,965	-	-	-	915,442	-	-	-	-
Gedio	189,469	3,003	-	-	-	192,472	-	-	-	-
Wolayita	304,370	1,698	-	-	-	305,796	-	-	272	-
South Omo	142,452	3,196	143	-	-	145,791	-	-	-	-
Shaka	53,790	882	-	-	-	54,672	-	-	-	-
Kaffa	204,465	10,278	-	-	-	214,743	-	-	-	-
Gamo Gofa	372,946	12,659	285	-	-	385,890	-	-	-	-
Bench Maji	113,012	1,034	-	-	-	114,046	-	-	-	-
Yem Sp. Wereda	21,051	69	-	-	-	21,120	-	-	-	-
Dawro	61,642	5,463	-	-	-	67,105	-	-	-	-
Basketo Sp. Wereda	18,817	726	-	-	-	19,543	-	-	-	-
Konta Sp. Wereda	27,306	1,725	-	-	-	29,031	-	-	-	-
Silte	167,941	1,541	-	-	-	169,482	-	-	-	-
Alaba Sp. Wereda	47,405	243	-	-	-	47,648	-	-	-	-
Segen People	102,563	1,635	-	-	-	104,198	-	-	-	-
Gambela Region	68,781	107	-	-	-	68,888	-	-	-	-
Angnuwak	24,822	-	-	-	-	24,822	-	-	-	-
Nuware	13,384	-	-	-	-	13,384	-	-	-	-
Mezhenger	25,038	107	-	-	-	25,145	-	-	-	-
Itang Special	5,537	-	-	-	-	5,537	-	-	-	-
Harari	25,684	-	-	-	-	24,924	290	167	263	40
Hundene	25,684	-	-	-	-	24,924	290	167	263	40
Dire Dawa	27,500	-	-	-	-	24,976	1,751	568	199	6

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	7,669,098	6,687,973	2,109,583	13,193	999	-
Tigray	377,780	632,945	223,878	1,668	-	-
North West Tigray	95,802	157,082	100,057	965	-	-
Central Tigray	87,285	190,717	44,868	-	-	-
Eastern Tigray	45,770	109,514	28,660	201	-	-
Southern Tigray	102,923	123,945	17,614	-	-	-
Western Tigray	45,999	51,687	32,680	502	-	-
Afar	214,750	13,911	3,954	-	-	-
Zone 1	144,192	783	-	-	-	-
Zone 3	70,558	13,128	3,954	-	-	-
Amhara	1,997,062	2,227,965	689,021	8,205	-	-
North Gondar	260,053	380,971	245,602	6,362	-	-
South Gondar	235,830	261,175	69,095	-	-	-
North Wolo	123,544	194,980	29,938	-	-	-
South Wolo	237,388	385,959	45,774	-	-	-
North Shewa	178,047	329,768	46,959	396	-	-
East Gojam	417,856	208,664	57,033	-	-	-
West Gojam	283,022	255,773	136,121	1,182	-	-
Waghamera	70,392	47,214	10,229	-	-	-
Awi	130,045	113,762	39,708	255	-	-
Oromia	58,991	46,903	7,413	-	-	-
Argoba Special	1,893	2,799	1,148	9	-	-
Oromia	3,060,252	2,302,447	770,999	1,382	-	-
West Wellega	127,454	123,632	63,463	200	-	-
East Wellega	78,423	80,130	36,656	155	-	-
Illubabor	151,088	118,990	48,155	-	-	-
Jimma	336,768	247,833	72,881	-	-	-
West Shewa	230,374	213,627	66,829	382	-	-
North Shewa	172,292	170,243	29,845	-	-	-
East Shewa	169,434	120,853	50,294	-	-	-
Arsi	348,587	184,563	74,575	355	-	-
West Harerghe	167,027	117,506	57,599	-	-	-
East Harerghe	217,660	200,224	53,704	-	-	-
Bale	200,962	86,986	21,921	-	-	-
Borena	84,361	57,605	23,881	-	-	-
South West Shewa	152,703	167,688	36,553	-	-	-
Guji	233,490	98,590	38,938	-	-	-
West Arsi	266,080	162,768	32,913	290	-	-
Kelem Wellega	78,461	103,206	38,896	-	-	-
Horoguduru Wellega	45,084	48,005	23,899	-	-	-

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	94,857	18,775	3,941	77	-	-
Shinele	6,149	807	163	-	-	-
Jijiga	55,074	1,749	-	-	-	-
Liben	33,635	16,218	3,778	77	-	-
Benshangul-Gumuz	105,074	88,422	53,213	520	-	-
Metekel	52,513	53,981	24,870	301	-	-
Asosa	39,427	23,124	20,958	-	-	-
Kemeshi	8,366	6,459	4,933	219	-	-
Mao Komo	4,766	4,859	2,452	-	-	-
SNNP	1,760,402	1,357,601	347,607	1,067	999	-
Gurage	116,135	132,685	13,050	-	884	-
Hadiya	131,511	110,344	35,151	272	-	-
Kembata Tembaro	63,274	68,005	9,112	-	-	-
Sidama	583,414	275,803	56,225	-	-	-
Gedio	124,483	63,330	4,659	-	-	-
Wolayita	147,941	130,545	27,582	-	-	-
South Omo	57,345	43,995	43,540	795	116	-
Shaka	22,426	27,136	5,110	-	-	-
Kaffa	70,273	104,477	39,993	-	-	-
Gamo Gofa	206,516	144,909	34,465	-	-	-
Bench Maji	43,330	50,628	20,088	-	-	-
Yem Sp. Wereda	7,957	11,836	1,327	-	-	-
Dawro	32,896	28,509	5,700	-	-	-
Basketo Sp. Wereda	9,369	8,207	1,967	-	-	-
Konta Sp. Wereda	11,851	13,732	3,448	-	-	-
Silte	61,102	83,605	24,775	-	-	-
Alaba Sp. Wereda	19,761	23,078	4,809	-	-	-
Segen People	50,816	36,776	16,606	-	-	-
Gambela Region	34,023	21,371	13,220	274	-	-
Angnuwak	9,773	8,521	6,384	144	-	-
Nuware	6,985	3,037	3,337	25	-	-
Mezhenger	14,378	8,640	2,127	-	-	-
Itang Special	2,888	1,173	1,371	105	-	-
Harari	14,514	8,940	2,230	-	-	-
Hundene	14,514	8,940	2,230	-	-	-
Dire Dawa	10,385	15,595	1,520	-	-	-

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	55.2	31.35	0.29	7.08	1.37	4.72
Tigray	100	35.32	44.09	0.27	12.88	2.55	4.89
North West Tigray	100	42.39	31.58	0.1	13.14	2.47	10.32
Central Tigray	100	25.2	57.92	0.42	14	1.48	0.99
Eastern Tigray	100	23.42	56.41	0.37	10.72	6.18	2.91
Southern Tigray	100	32.95	52.82	0.14	11.41	1.21	1.47
Western Tigray	100	57.62	17.62	0.51	14.98	2.59	6.68
Afar	100	84.51	9.86	0.03	1.6	3.49	0.51
Zone 1	100	86.29	8.18	-	0.67	4.53	0.32
Zone 3	100	81.47	12.72	0.09	3.17	1.73	0.83
Amhara	100	36.06	41.65	0.15	15.01	0.85	6.28
North Gondar	100	37.43	36.12	0.04	21.46	1.11	3.83
South Gondar	100	30.46	46.85	0.09	19.41	1	2.19
North Wolo	100	30.18	50.31	0.28	12.16	0.53	6.54
South Wolo	100	30.28	43	0.36	19.7	0.74	5.93
North Shewa	100	31.42	46.42	0.14	16.66	0.94	4.42
East Gojam	100	39.26	44.46	0.11	4.88	0.37	10.92
West Gojam	100	37.76	42.25	0.1	9.86	0.92	9.11
Waghamera	100	37.92	36.88	0.24	15.81	0.69	8.45
Awi	100	56.14	24.37	0.04	11.44	0.87	7.14
Oromia	100	48.67	29	0.23	12.18	1.83	8.1
Argoba Special	100	37.92	33.1	0.72	20.04	3.11	5.1
Oromia	100	64.94	26.54	0.19	2.6	1.38	4.36
West Wellega	100	86.88	10.22	0.01	0.54	0.5	1.85
East Wellega	100	86.4	9.95	0.06	0.75	0.03	2.82
Illubabor	100	88.58	8.35	0.18	0.05	0.71	2.14
Jimma	100	88.38	8.89	-	0.02	0.11	2.61
West Shewa	100	70.11	21.56	0.02	2.75	0.51	5.04
North Shewa	100	42.88	31.34	0.16	19.43	2.19	3.99
East Shewa	100	43.18	47.62	0.05	1.68	4.35	3.12
Arsi	100	54.04	38.1	0.3	1.74	2.28	3.55
West Harerghe	100	35.15	44.96	0.32	2.92	1.95	14.69
East Harerghe	100	34.14	50.65	1.1	2.2	2.48	9.44
Bale	100	75.96	21.7	0.2	0.31	0.91	0.93
Borena	100	76.06	18.42	0.07	1.43	1.18	2.83
South West Shewa	100	59.51	31.73	0.06	4.06	1.23	3.41
Guji	100	74.78	17.5	0.12	0.73	0.73	6.15
West Arsi	100	66.62	29.33	0.01	1.16	1.63	1.24
Kelem Wellega	100	82.89	12.38	0.04	0.64	0.83	3.22
Horoguduru Wellega	100	80.44	14.4	0.06	1.53	0.01	3.55

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	83.92	12.22	0.08	1.4	0.3	2.08
Shinele	100	86.87	5.58	-	0.02	3.75	3.78
Jijiga	100	80	19.42	-	0.09	0.04	0.46
Liben	100	87.69	5.46	0.18	2.98	0.12	3.57
Benshangul-Gumuz	100	83.2	11.92	0.05	1.53	0.88	2.41
Metekel	100	79.68	15.32	0.07	1.99	0.73	2.21
Asosa	100	86.1	8.62	0.03	1.18	1.32	2.75
Kemeshi	100	91.9	4.28	-	0.27	0.08	3.47
Mao Komo	100	93.98	4.11	0.11	0.33	1.09	0.38
SNNP	100	67.08	24.31	0.69	2.72	1.53	3.67
Gurage	100	60.25	25.16	1.08	8.11	2.37	3.02
Hadiya	100	63.62	25.03	0.97	3.39	1.41	5.57
Kembata Tembaro	100	50.34	28.36	1.85	3.04	2.96	13.45
Sidama	100	60.39	30.66	1.06	1.34	3.03	3.53
Gedio	100	73.17	24.59	-	0.18	0.38	1.68
Wolayita	100	67.68	21.29	1.18	4.45	2.05	3.34
South Omo	100	81.97	14.85	0.07	1.41	0.19	1.52
Shaka	100	95.19	1.33	-	-	0.29	3.19
Kaffa	100	94.4	3.6	-	0.05	0.15	1.79
Gamo Gofa	100	69.27	24.78	0.15	2.67	-	3.12
Bench Maji	100	89.26	7.33	0.1	0.02	0.23	3.06
Yem Sp. Wereda	100	70.64	22.62	0.22	4.71	0.27	1.55
Dawro	100	73.92	16.42	0.68	5.12	0.39	3.47
Basketo Sp. Wereda	100	67.56	25.79	1.33	1.75	0.03	3.56
Konta Sp. Wereda	100	81.83	14.12	0.16	1.92	0.08	1.89
Silte	100	51.6	39.35	0.18	4.28	1.33	3.27
Alaba Sp. Wereda	100	52.85	39.7	0.04	4.89	0.28	2.23
Segen People	100	64.14	31.07	0.12	1.35	0.25	3.06
Gambela Region	100	95.99	2.32	0.02	0.05	0.19	1.44
Angnuwak	100	96.44	2.73	0.06	-	-	0.77
Nuware	100	99.1	0.9	-	-	-	-
Mezhenger	100	91.72	3.79	-	0.16	0.59	3.75
Itang Special	100	99.89	0.11	-	-	-	-
Harari	100	25.96	59.55	3.98	0.12	8.49	1.9
Hundene	100	25.96	59.55	3.98	0.12	8.49	1.9
Dire Dawa	100	68.89	19.8	0.08	0.96	7.24	3.03

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	14,098,127	12,079,400	268,397	4,709,233	1,521,039	4,739,142
Tigray	1,016,744	1,001,150	24,097	811,088	262,890	350,255
North West Tigray	312,017	303,397	2,893	279,133	115,887	227,448
Central Tigray	247,167	252,926	8,339	201,434	26,487	10,138
Eastern Tigray	144,201	148,861	2,839	102,350	61,385	21,945
Southern Tigray	196,208	191,062	3,130	135,377	19,559	28,982
Western Tigray	117,151	104,904	6,896	92,794	39,572	61,741
Afar	221,899	82,229	478	16,556	35,537	4,347
Zone 1	141,642	50,462	-	4,839	25,738	1,667
Zone 3	80,257	31,768	478	11,716	9,800	2,680
Amhara	4,148,876	4,051,397	35,265	2,630,355	334,959	1,802,938
North Gonder	764,156	726,321	3,055	567,714	78,144	162,780
South Gonder	496,218	494,989	3,064	370,716	67,749	107,144
North Wolo	268,447	290,215	3,837	151,296	8,244	53,287
South Wolo	550,373	555,241	11,210	458,725	27,073	112,748
North Shewa	448,546	457,134	2,869	328,723	47,383	269,093
East Gojam	591,535	565,092	3,955	168,556	16,158	493,805
West Gojam	580,175	569,813	4,380	306,395	58,962	432,637
Waghamera	103,244	100,354	506	84,986	6,158	26,025
Awi	254,130	220,518	1,102	144,450	16,437	127,102
Oromia	86,982	67,040	1,122	45,026	7,905	17,942
Argoba Special	5,070	4,679	166	3,770	746	376
Oromia	5,289,856	4,278,092	69,064	735,044	541,184	1,730,581
West Wellega	245,660	141,719	213	8,955	11,075	43,687
East Wellega	172,862	99,686	913	8,561	482	44,164
Illubabor	279,619	149,611	4,540	1,207	11,897	69,132
Jimma	582,225	335,354	-	1,069	3,092	147,629
West Shewa	446,009	376,769	1,299	85,612	17,793	219,553
North Shewa	331,328	319,579	4,778	285,827	62,558	145,165
East Shewa	272,117	261,058	1,343	30,051	98,694	70,661
Arsi	546,989	506,436	11,285	66,235	98,466	133,675
West Harerghe	288,847	312,077	6,562	40,293	38,713	247,336
East Harerghe	394,257	443,172	30,404	59,290	67,061	238,748
Bale	276,533	209,281	1,632	5,095	22,357	15,079
Borena	140,483	93,436	402	10,794	9,043	22,258
South West Shewa	314,676	273,575	1,744	75,262	30,439	101,818
Guji	311,239	235,967	2,178	8,221	8,303	114,402
West Arsi	408,449	356,569	607	35,995	50,009	33,301
Kelem Wellega	173,063	89,123	391	5,875	11,010	48,187
Horoguduru Wellega	105,498	74,681	773	6,703	193	35,787

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	115,370	62,782	482	6,749	1,682	14,742
Shinele	6,803	2,135	-	16	892	1,129
Jijiga	55,876	46,871	-	137	359	2,855
Liben	52,692	13,777	482	6,597	432	10,758
Benshangul-Gumuz	192,785	109,558	669	21,634	13,116	46,979
Metekel	110,154	79,774	469	16,750	7,467	31,139
Asosa	59,697	24,322	150	4,493	5,077	11,645
Kemeshi	15,453	3,740	-	233	132	3,843
Mao Komo	7,482	1,722	50	158	439	352
SNNP	3,032,379	2,444,161	134,896	485,091	308,038	776,910
Gurage	246,680	216,805	15,241	101,545	36,953	58,396
Hadiya	262,131	245,538	15,360	66,960	27,354	106,335
Kembata Tembaro	131,880	125,364	21,788	27,031	29,740	87,775
Sidama	751,951	641,084	42,903	48,959	134,098	124,948
Gedio	107,373	79,329	-	788	2,700	8,263
Wolayita	293,400	273,549	27,136	90,116	50,300	125,298
South Omo	122,490	76,730	649	10,655	1,510	16,972
Shaka	42,246	7,156	-	-	724	13,014
Kaffa	206,837	52,199	-	1,313	2,304	43,350
Gamo Gofa	347,961	302,332	1,435	48,797	-	63,720
Bench Maji	95,143	33,552	112	41	2,328	24,250
Yem Sp. Wereda	19,808	17,802	317	7,127	131	3,268
Dawro	65,167	53,832	4,316	18,835	1,483	28,550
Basketo Sp. Wereda	16,110	15,187	1,302	2,052	23	3,545
Konta Sp. Wereda	27,799	20,236	513	4,675	214	6,399
Silte	159,057	154,908	2,446	39,741	15,576	33,279
Alaba Sp. Wereda	45,436	43,838	84	10,770	605	8,957
Segen People	90,908	84,720	1,291	5,686	1,992	20,592
Gambela Region	37,088	5,944	79	102	325	4,340
Angnuwak	10,684	2,919	79	-	-	261
Nuware	12,423	1,268	-	-	-	-
Mezhenger	11,973	1,736	-	102	325	4,079
Itang Special	2,009	22	-	-	-	-
Harari	17,387	23,074	3,233	212	9,597	3,831
Hundene	17,387	23,074	3,233	212	9,597	3,831
Dire Dawa	25,743	21,014	134	2,402	13,711	4,219

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	6,061,821	315,114	3,364,446	4,069,466	287,281
Tigray	201,762	2,930	407,322	400,030	4,700
North West Tigray	30,662	824	165,439	113,516	1,576
Central Tigray	93,759	264	53,062	99,325	758
Eastern Tigray	45,142	424	28,057	69,853	725
Southern Tigray	20,262	493	88,714	86,078	661
Western Tigray	11,938	925	72,050	31,258	980
Afar	9,815	1,119	193,692	12,281	4,991
Zone 1	1,316	769	131,506	4,008	4,043
Zone 3	8,499	351	62,186	8,274	948
Amhara	1,180,366	90,537	1,285,579	1,515,843	76,550
North Gondar	164,788	20,934	327,148	240,828	10,459
South Gondar	101,143	3,370	142,741	248,516	449
North Wolo	134,589	18,468	48,485	35,906	30,998
South Wolo	293,237	18,426	87,108	148,760	2,843
North Shewa	214,262	11,542	90,097	116,678	15,966
East Gojam	74,589	4,411	283,062	224,911	4,561
West Gojam	110,319	6,026	160,167	296,027	7,635
Waghamera	22,860	432	67,379	12,572	-
Awi	31,901	4,378	57,612	156,736	3,504
Oromia	29,598	2,272	21,615	33,366	130
Argoba Special	3,079	278	164	1,544	5
Oromia	2,596,068	181,349	1,001,895	1,346,721	163,822
West Wellega	54,804	1,024	108,383	78,386	3,063
East Wellega	65,859	5,664	34,899	60,424	6,017
Illubabor	140,276	3,835	61,697	54,738	19,073
Jimma	349,301	3,810	89,446	102,606	37,063
West Shewa	214,839	37,956	44,453	117,375	31,385
North Shewa	202,904	33,535	18,550	62,535	13,804
East Shewa	94,989	5,730	82,568	80,613	8,217
Arsi	303,546	31,321	65,275	139,101	7,745
West Harerghe	156,241	2,412	80,479	48,926	789
East Harerghe	224,284	6,360	98,161	64,399	1,053
Bale	96,068	5,375	50,278	120,366	4,446
Borena	29,498	334	73,151	37,275	224
South West Shewa	217,052	26,639	8,398	40,035	22,551
Guji	185,657	563	62,533	59,538	2,948
West Arsi	215,599	12,880	29,360	147,852	2,758
Kelem Wellega	29,103	186	71,263	71,547	964
Horoguduru Wellega	16,047	3,724	23,003	61,003	1,721

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	8,005	53	67,039	40,273	-
Shinele	120	8	6,368	307	-
Jijiga	7,550	45	16,117	32,163	-
Liben	335	-	44,553	7,803	-
Benshangul-Gumuz	7,746	853	169,336	11,264	3,586
Metekel	1,984	820	99,233	7,855	261
Asosa	4,079	-	52,077	236	3,304
Kemeshi	818	12	12,934	1,668	21
Mao Komo	865	21	5,092	1,504	-
SNNP	2,032,610	38,019	199,191	730,822	31,737
Gurage	174,593	5,257	14,792	51,654	385
Hadiya	170,282	781	5,008	84,898	1,163
Kembata Tembaro	76,016	1,226	4,277	48,926	1,434
Sidama	555,120	4,445	27,517	163,610	1,259
Gedio	79,145	1,962	4,893	21,224	149
Wolayita	198,203	9,468	8,349	76,416	964
South Omo	55,898	1,275	34,100	29,328	1,889
Shaka	30,038	661	5,489	4,502	1,556
Kaffa	176,702	1,404	10,523	6,431	11,777
Gamo Gofa	159,326	6,542	34,998	143,211	3,884
Bench Maji	69,175	196	4,617	18,591	2,564
Yem Sp. Wereda	13,408	1,046	519	4,512	324
Dawro	47,067	950	4,089	11,349	1,712
Basketo Sp. Wereda	11,136	92	3,374	1,151	358
Konta Sp. Wereda	24,251	174	1,489	1,706	179
Silte	128,726	1,663	2,347	24,986	1,333
Alaba Sp. Wereda	32,296	68	143	12,929	-
Segen People	31,228	808	32,667	25,398	806
Gambela Region	11,548	180	22,835	832	1,694
Angnuwak	3,499	44	7,102	40	-
Nuware	189	47	12,187	-	-
Mezhenger	7,860	76	1,551	792	1,694
Itang Special	-	14	1,995	-	-
Harari	11,436	32	3,359	2,486	74
Hundene	11,436	32	3,359	2,486	74
Dire Dawa	2,465	42	14,196	8,912	127

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	10,480,909	274,275	121,280	1,053,003	149,933
Tigray	840,564	23,206	3,430	126,032	7,918
North West Tigray	256,837	6,013	1,005	37,183	2,358
Central Tigray	213,989	4,087	-	33,519	1,332
Eastern Tigray	120,907	4,281	948	20,947	1,778
Southern Tigray	161,089	2,311	1,340	26,015	307
Western Tigray	87,742	6,514	137	8,367	2,144
Afar	57,968	13,431	1,653	4,730	4,448
Zone 1	40,493	4,324	476	3,151	2,018
Zone 3	17,474	9,107	1,177	1,579	2,430
Amhara	3,376,668	91,542	19,219	495,163	68,805
North Gondar	605,623	12,925	5,536	88,875	13,363
South Gondar	418,012	6,407	1,573	65,340	3,657
North Wolo	232,093	7,695	664	47,406	2,356
South Wolo	426,104	13,289	801	113,624	1,424
North Shewa	368,842	10,692	4,117	57,699	15,785
East Gojam	506,061	9,993	1,343	40,770	6,924
West Gojam	499,279	15,281	2,385	35,034	17,835
Waghamera	81,821	1,601	957	15,841	134
Awi	177,466	12,504	1,484	21,807	7,256
Oromia	57,477	1,082	358	8,123	-
Argoba Special	3,891	73	-	644	72
Oromia	3,831,373	80,221	65,501	248,186	52,810
West Wellega	119,851	2,619	12,849	5,041	1,358
East Wellega	86,041	2,042	2,431	5,422	3,750
Illubabor	136,102	8,134	2,560	351	2,463
Jimma	301,181	2,505	5,266	24,942	1,460
West Shewa	336,948	4,458	4,639	18,028	12,696
North Shewa	273,763	6,593	2,567	28,879	7,777
East Shewa	244,270	6,789	1,573	5,341	3,085
Arsi	467,743	11,296	899	22,239	4,260
West Harerghe	304,469	831	1,100	5,367	311
East Harerghe	423,526	2,636	8,603	6,740	1,667
Bale	180,471	10,231	3,113	13,915	1,551
Borena	84,877	1,477	1,586	2,570	2,925
South West Shewa	246,867	6,636	493	13,173	6,406
Guji	207,441	5,235	10,425	12,867	-
West Arsi	284,263	6,869	4,417	59,096	1,925
Kelem Wellega	62,675	640	2,507	23,301	-
Horoguduru Wellega	70,884	1,231	473	917	1,175

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	56,086	2,258	524	3,864	50
Shinele	1,904	100	65	16	50
Jijiga	42,423	360	459	3,629	-
Liben	11,759	1,798	-	220	-
Benshangul-Gumuz	98,849	975	2,765	4,638	2,331
Metekel	70,274	846	1,860	4,545	2,249
Asosa	23,593	99	629	-	-
Kemeshi	3,501	30	137	60	12
Mao Komo	1,481	-	138	33	70
SNNP	2,173,788	61,964	27,769	168,171	12,469
Gurage	208,223	1,339	3,386	3,441	417
Hadiya	222,773	4,075	8,797	9,333	560
Kembata Tembaro	109,014	1,608	275	13,839	629
Sidama	539,189	18,203	1,617	78,771	3,304
Gedio	69,194	3,222	2,987	2,957	969
Wolayita	229,507	17,704	1,664	23,111	1,562
South Omo	68,194	2,919	1,427	3,742	448
Shaka	6,200	643	166	65	83
Kaffa	51,432	183	-	-	583
Gamo Gofa	283,573	3,670	569	13,702	818
Bench Maji	31,264	185	1,180	74	849
Yem Sp. Wereda	16,309	497	329	471	196
Dawro	42,033	3,911	1,569	5,075	1,244
Basketo Sp. Wereda	13,548	568	70	620	382
Konta Sp. Wereda	19,667	92	138	299	40
Silte	151,041	1,355	367	1,962	184
Alaba Sp. Wereda	35,171	345	689	7,633	-
Segen People	77,457	1,445	2,540	3,077	202
Gambela Region	4,774	217	232	280	442
Angnuwak	2,563	-	-	-	356
Nuware	1,028	-	39	201	-
Mezhenger	1,161	217	192	80	86
Itang Special	22	-	-	-	-
Harari	21,593	121	27	1,151	182
Hundene	21,593	121	27	1,151	182
Dire Dawa	19,245	340	161	787	480

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	194,161	46,070	7,929	17,339	2,899
Tigray	13,534	4,273	2,408	2,808	1,074
North West Tigray	1,758	526	609	-	-
Central Tigray	2,313	2,127	1,560	2,339	-
Eastern Tigray	1,974	649	-	216	-
Southern Tigray	1,575	327	-	153	1,074
Western Tigray	5,914	644	240	99	-
Afar	-	353	-	-	125
Zone 1	-	-	-	-	-
Zone 3	-	353	-	-	125
Amhara	25,130	5,554	159	4,197	226
North Gondar	3,055	-	-	-	-
South Gondar	2,624	-	-	440	-
North Wolo	1,567	1,824	-	221	226
South Wolo	5,928	1,916	-	3,366	-
North Shewa	2,869	-	-	-	-
East Gojam	3,496	459	-	-	-
West Gojam	3,861	519	-	-	-
Waghamera	346	-	159	-	-
Awi	825	277	-	-	-
Oromia	392	560	-	171	-
Argoba Special	166	-	-	-	-
Oromia	46,200	15,932	1,498	4,537	897
West Wellega	213	-	-	-	-
East Wellega	776	136	-	-	-
Illubabor	1,188	2,234	-	1,117	-
Jimma	-	-	-	-	-
West Shewa	616	682	-	-	-
North Shewa	3,480	967	-	330	-
East Shewa	201	1,143	-	-	-
Arsi	4,575	5,813	-	-	897
West Harerghe	3,693	1,584	207	1,078	-
East Harerghe	29,085	334	-	985	-
Bale	202	561	402	468	-
Borena	264	139	-	-	-
South West Shewa	859	577	-	308	-
Guji	-	1,328	599	251	-
West Arsi	-	316	291	-	-
Kelem Wellega	391	-	-	-	-
Horoguduru Wellega	656	118	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	-	482	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	482	-	-	-
Benshangul-Gumuz	491	178	-	-	-
Metekel	291	178	-	-	-
Asosa	150	-	-	-	-
Kemeshi	-	-	-	-	-
Mao Komo	50	-	-	-	-
SNNP	105,987	19,200	3,863	5,451	395
Gurage	8,939	5,457	-	845	-
Hadiya	9,984	4,690	423	263	-
Kembata Tembaro	20,499	763	-	527	-
Sidama	36,775	2,893	876	2,359	-
Gedio	-	-	-	-	-
Wolayita	23,001	2,663	-	1,224	249
South Omo	649	-	-	-	-
Shaka	-	-	-	-	-
Kaffa	-	-	-	-	-
Gamo Gofa	786	649	-	-	-
Bench Maji	112	-	-	-	-
Yem Sp. Wereda	317	-	-	-	-
Dawro	1,302	377	2,565	72	-
Basketo Sp. Wereda	1,059	180	-	-	64
Konta Sp. Wereda	513	-	-	-	-
Silte	1,897	387	-	163	-
Alaba Sp. Wereda	-	84	-	-	-
Segen People	153	1,056	-	-	83
Gambela Region	-	-	-	-	79
Angnuwak	-	-	-	-	79
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	2,752	66	-	311	104
Hundene	2,752	66	-	311	104
Dire Dawa	67	31	-	35	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	3,030,600	729,676	133,397	729,525	86,033
Tigray	637,692	50,162	14,297	102,221	6,716
North West Tigray	220,861	15,922	3,456	36,068	2,826
Central Tigray	171,327	12,758	1,093	15,215	1,042
Eastern Tigray	78,042	4,682	5,484	13,393	749
Southern Tigray	108,563	2,693	2,295	21,826	-
Western Tigray	58,899	14,108	1,969	15,719	2,100
Afar	4,179	1,191	2,704	853	7,629
Zone 1	2,923	590	625	477	225
Zone 3	1,256	601	2,080	376	7,404
Amhara	1,552,287	450,204	89,051	495,291	43,523
North Gondar	336,561	129,668	4,708	79,094	17,683
South Gondar	219,086	61,631	9,091	78,940	1,968
North Wolo	94,160	23,906	2,262	29,802	1,165
South Wolo	260,675	52,410	6,703	138,493	443
North Shewa	228,977	34,886	2,314	51,772	10,773
East Gojam	82,348	38,235	30,538	14,172	3,263
West Gojam	156,374	61,947	29,566	53,399	5,110
Waghamera	68,917	4,639	269	10,732	428
Awi	71,114	38,707	3,284	28,656	2,689
Oromia	31,608	3,518	315	9,584	-
Argoba Special	2,466	658	-	646	-
Oromia	478,113	138,812	10,081	82,878	25,160
West Wellega	4,986	882	-	3,087	-
East Wellega	8,009	552	-	-	-
Illubabor	875	-	-	-	332
Jimma	663	406	-	-	-
West Shewa	50,331	23,339	3,168	5,308	3,466
North Shewa	175,977	54,505	3,323	44,072	7,949
East Shewa	28,438	1,613	-	-	-
Arsi	51,110	11,351	526	3,248	-
West Harerghe	17,893	12,232	-	5,754	4,414
East Harerghe	34,985	12,583	-	6,382	5,340
Bale	3,874	608	613	-	-
Borena	6,383	495	1,476	-	2,441
South West Shewa	51,964	13,113	191	8,868	1,125
Guji	5,666	1,333	299	923	-
West Arsi	26,426	4,420	-	5,148	-
Kelem Wellega	5,519	-	356	-	-
Horoguduru Wellega	5,012	1,379	130	88	94

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	1,593	1,094	2,333	1,400	328
Shinele	-	16	-	-	-
Jijiga	137	-	-	-	-
Liben	1,456	1,079	2,333	1,400	328
Benshangul-Gumuz	15,594	1,766	1,472	2,689	113
Metekel	12,519	1,365	891	1,863	113
Asosa	2,892	401	523	677	-
Kemeshi	133	-	25	75	-
Mao Komo	50	-	33	75	-
SNNP	340,730	84,608	13,333	43,956	2,463
Gurage	73,855	16,762	2,206	8,722	-
Hadiya	54,089	7,558	340	4,974	-
Kembata Tembaro	21,496	3,096	138	2,301	-
Sidama	31,793	13,222	649	3,295	-
Gedio	383	405	-	-	-
Wolayita	58,534	24,012	-	7,570	-
South Omo	6,618	290	120	3,627	-
Shaka	-	-	-	-	-
Kaffa	938	-	187	-	187
Gamo Gofa	30,106	3,782	8,150	5,222	1,537
Bench Maji	41	-	-	-	-
Yem Sp. Wereda	5,969	719	40	302	98
Dawro	12,754	2,968	392	2,112	609
Basketo Sp. Wereda	1,683	84	124	129	32
Konta Sp. Wereda	4,433	192	-	51	-
Silte	27,733	8,001	178	3,830	-
Alaba Sp. Wereda	5,413	3,482	219	1,656	-
Segen People	4,892	37	590	167	-
Gambela Region	-	-	-	-	102
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	102
Itang Special	-	-	-	-	-
Harari	85	127	-	-	-
Hundene	85	127	-	-	-
Dire Dawa	328	1,712	126	237	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	560,310	852,090	5,843	60,948	41,849
Tigray	158,496	65,531	1,896	14,216	22,750
North West Tigray	104,629	4,215	-	6,712	331
Central Tigray	14,517	10,026	302	938	705
Eastern Tigray	12,520	33,776	377	399	14,313
Southern Tigray	4,815	5,908	579	856	7,402
Western Tigray	22,015	11,607	638	5,311	-
Afar	165	29,537	192	154	5,490
Zone 1	-	20,301	192	154	5,091
Zone 3	165	9,236	-	-	399
Amhara	182,651	129,534	390	13,917	8,467
North Gondar	55,385	16,901	-	3,466	2,393
South Gondar	62,878	4,263	-	186	422
North Wolo	3,531	3,964	-	320	430
South Wolo	2,465	22,598	-	2,010	-
North Shewa	6,977	35,219	390	4,198	599
East Gojam	10,178	3,095	-	2,885	-
West Gojam	25,670	30,567	-	581	2,144
Waghamera	4,339	-	-	-	1,819
Awi	10,524	4,989	-	265	660
Oromia	635	7,270	-	-	-
Argoba Special	69	668	-	8	-
Oromia	115,951	396,104	2,456	23,933	2,740
West Wellega	10,631	213	-	230	-
East Wellega	346	136	-	-	-
Illubabor	7,159	4,526	-	212	-
Jimma	811	1,565	406	-	311
West Shewa	2,667	13,030	641	459	996
North Shewa	10,323	45,871	-	6,365	-
East Shewa	6,420	92,060	214	-	-
Arsi	16,607	73,639	263	7,677	281
West Harerghe	5,698	32,149	-	865	-
East Harerghe	10,283	55,165	663	663	287
Bale	9,285	9,431	-	3,367	274
Borena	2,781	5,043	-	1,218	-
South West Shewa	4,643	25,796	-	-	-
Guji	5,284	2,744	-	-	275
West Arsi	12,481	34,065	269	2,877	317
Kelem Wellega	10,340	671	-	-	-
Horoguduru Wellega	193	-	-	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	80	1,423	156	-	23
Shinele	-	868	-	-	23
Jijiga	-	359	-	-	-
Liben	80	197	156	-	-
Benshangul-Gumuz	11,522	501	120	643	331
Metekel	6,351	218	-	567	331
Asosa	4,617	265	120	75	-
Kemeshi	132	-	-	-	-
Mao Komo	421	18	-	-	-
SNNP	90,676	208,159	566	7,585	1,052
Gurage	4,663	32,032	-	-	258
Hadiya	5,109	18,404	566	3,016	259
Kembata Tembaro	1,957	27,121	-	408	255
Sidama	58,376	75,073	-	650	-
Gedio	352	1,867	-	481	-
Wolayita	6,518	41,214	-	2,568	-
South Omo	1,015	331	-	-	165
Shaka	559	83	-	-	83
Kaffa	2,304	-	-	-	-
Gamo Gofa	-	-	-	-	-
Bench Maji	2,019	309	-	-	-
Yem Sp. Wereda	98	-	-	-	32
Dawro	593	819	-	72	-
Basketo Sp. Wereda	-	23	-	-	-
Konta Sp. Wereda	214	-	-	-	-
Silte	4,882	10,304	-	390	-
Alaba Sp. Wereda	140	465	-	-	-
Segen People	1,878	115	-	-	-
Gambela Region	325	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	325	-	-	-	-
Itang Special	-	-	-	-	-
Harari	294	9,266	37	-	-
Hundene	294	9,266	37	-	-
Dire Dawa	150	12,035	31	500	996

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	56,770	44,113	153,720	12,956	12,315
Tigray	6,273	4,967	52,818	5,481	1,796
North West Tigray	2,158		17,621	1,708	635
Central Tigray	1,507	1,076	17,840	1,551	514
Eastern Tigray	687	812	5,386	773	520
Southern Tigray	1,539	2,611	3,783	411	
Western Tigray	382	468	8,188	1,038	127
Afar	167				
Zone 1	167				
Zone 3					
Amhara	14,570	16,611	40,160	4,069	6,327
North Gonder	2,540		5,837		2,758
South Gonder	1,561	351	5,058		
North Wolo	472	456	3,286	1,233	
South Wolo	1,067	1,250	1,873		
North Shewa	4,261	1,031	9,931	362	1,646
East Gojam	4,184	3,742	7,652		1,924
West Gojam		7,130	4,079		
Waghamera		412	1,079		
Awi	485	2,239	978	2,475	
Oromia			357		
Argoba Special			30		
Oromia	23,642	18,974	30,152	2,362	3,558
West Wellega	627	198	1,022	230	217
East Wellega	340	640	2,113		107
Illubabor	837		7,115	381	
Jimma	1,486		2,945	826	
West Shewa	1,627	2,012	7,329		
North Shewa	1,692	2,930	1,653	240	323
East Shewa	552	479	1,068		239
Arsi	7,608	722	355		355
West Harerghe	1,085	3,597	539	236	
East Harerghe	1,341	669	359		
Bale	742	935	1,005		847
Borena		264	139	164	264
South West Shewa	580	5,637	554		568
Guji	700		246		
West Arsi	4,330	340	1,959		638
Kelem Wellega		364	1,387		
Horoguduru Wellega	95	187	364	284	

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		106			
Shinele					
Jijiga					
Liben		106			
Benshangul-Gumuz	15	237	813	145	36
Metekel		225	509	145	
Asosa			227		36
Kemeshi		12	46		
Mao Komo	15		30		
SNNP	12,104	3,143	28,477	855	597
Gurage	1,202	986	9,357		
Hadiya	772	250	1,310		
Kembata Tembaro	2,674		932		154
Sidama	5,170	1,306			
Gedio	196		229	192	
Wolayita			3,056		240
South Omo			1,264		
Shaka		123	326		
Kaffa	977		901	379	203
Gamo Gofa	397		8,619		
Bench Maji	177		617		
Yem Sp. Wereda	129	424	577	39	
Dawro			266		
Basketo Sp. Wereda	86	55	185		
Konta Sp. Wereda			46		
Silte	170		321	170	
Alaba Sp. Wereda			470	75	
Segen People	154				
Gambela Region		45	1,078	45	
Angnuwak		45	1,078		
Nuware					
Mezhenger				45	
Itang Special					
Harari					
Hundene					
Dire Dawa		32	222		

**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	56,598,782	1,247,926	2.2	28,041,386	1,044,448	3.72	28,612,032	1,488,886	5.2
Tigray.....	4,565,406	177,309	3.88	1,603,473	129,399	8.07	3,924,777	225,982	5.76
Afar	1,495,054	170,746	11.42	1,732,090	202,946	11.72	3,301,056	508,591	15.41
Amhara	15,212,393	377,271	2.48	9,610,783	499,802	5.2	6,013,185	362,094	6.02
Oromia	22,744,136	485,631	2.14	9,304,476	400,856	4.31	8,080,536	584,330	7.23
Somali	484,264	66,150	13.66	1,001,962	120,144	11.99	1,423,366	196,728	13.82
Benshangul-Gumuz.....	726,265	54,989	7.57	97,934	13,249	13.53	448,635	46,234	10.31
SNNP.....	10,977,787	1,053,655	9.6	4,566,757	779,520	17.07	5,072,355	1,180,217	23.27
Gambella.....	280,561	30,132	10.74	44,285	9,104	20.56	94,184	12,228	12.98
Harari.....	63,186	6,839	10.82	8,476	1,284	15.15	62,705	4,771	7.61
Dire Dawa.....	49,732	3,799	7.64	71,150	10,272	14.44	191,234	23,844	12.47

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,024,211	112,981	5.58	397,428	21,934	5.52	7,695,983	133,052	1.73	1,135,235	137,378	12.10
Tigray.....	2,136	906	42.42	7,352	2,176	29.60	791,093	34,831	4.40	58,641	12,553	21.41
Afar	-	-	-	636	433	68.13	133,481	20,266	15.18	460,624	84,114	18.26
Amhara.....	456,451	58,317	12.78	172,612	16,878	9.78	2,788,878	77,985	2.80	62,261	11,154	17.91
Oromia	1,203,455	90,849	7.55	149,642	12,210	8.16	3,121,171	92,947	2.98	262,288	70,203	26.77
Somali	-	-	-	55	55	99.61	114,700	11,460	9.99	280,792	81,118	28.89
Benshangul-Gumuz.....	1,168	675	57.75	1,989	673	33.85	76,558	7,534	9.84	549	420	76.47
SNNP	359,670	33,299	9.26	65,036	6,463	9.94	637,484	34,103	5.35	1,634	1,625	99.49
Gambella	1,111	429	38.60	107	71	66.73	1,284	663	51.60	-	-	-
Harari	-	-	-	-	-	-	12,681	1,769	13.95	3,032	1,513	49.91
Dire Dawa	220	125	56.74	-	-	-	18,653	1,872	10.03	5,415	1,356	25.04

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	2,399,745	55,219	2.3	2,444,590	50,795	2.08	1,133,663	73,376	1.78	15,688,906	289,052	1.84	634,908	34,599	5.45
Tigray	211,665	14,858	7.02	161,566	9,583	5.93	354,781	18,802	5.3	1,364,037	41,377	3.03	127,270	14,303	11.24
Afar	77,566	11,052	14.25	56,047	8,224	14.67	61,666	9,877	16.02	118,632	17,783	14.99	3,555	1,746	49.11
Amhara	588,377	25,981	4.42	621,728	29,020	4.67	1,139,431	43,331	3.8	5,146,687	114,159	2.22	232,842	18,980	8.15
Oromia	958,537	35,031	3.65	992,525	30,542	3.08	1,760,931	46,909	2.66	6,526,248	135,272	2.07	221,956	21,535	9.7
Somali	37,304	3,772	10.11	21,128	3,291	15.58	36,441	6,759	18.55	69,085	13,108	18.97	270	197	72.91
Benshangul-Gumuz	20,966	2,290	10.92	43,094	4,332	10.05	62,384	6,485	10.39	190,860	15,846	8.3	11,817	2,957	25.02
SNNP	487,854	27,977	5.73	527,044	24,752	4.7	685,025	27,559	4.02	2,219,505	222,981	10.05	37,071	12,518	33.77
Gambella	11,358	1,266	11.14	15,731	1,742	11.07	19,984	2,514	12.58	36,856	6,679	18.12	28	27	96.98
Harari	3,462	471	13.6	3,058	504	16.47	6,824	979	14.35	9,879	1,806	18.28	-	-	-
Dire Dawa	2,657	358	13.48	2,669	385	14.43	6,196	661	10.67	7,119	758	10.64	100	92	91.85

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	2,587,398	65,424	2.53	2,643,961	60,059	2.27	1,097,183	91,096	1.79	20,393,749	733,597	3.6	574,679	33,230	5.78
Tigray	238,085	16,358	6.87	171,447	11,289	6.58	392,539	22,333	5.69	1,454,490	63,877	4.39	89,527	12,120	13.54
Afar	123,256	18,129	14.71	120,084	17,791	14.82	163,120	25,654	15.73	753,935	88,308	11.71	17,192	4,357	25.34
Amhara	581,794	28,337	4.87	624,539	30,127	4.82	1,260,489	50,228	3.98	4,846,127	138,750	2.86	170,380	14,808	8.69
Oromia	1,010,371	37,799	3.74	1,063,526	37,693	3.54	2,046,548	55,732	2.72	7,964,120	210,699	2.65	199,374	16,881	8.47
Somali	42,104	6,127	14.55	25,427	4,169	16.4	50,103	10,264	20.49	201,539	25,753	12.78	863	329	38.16
Benshangul-Gumuz	19,126	2,102	10.99	45,942	4,630	10.08	65,880	6,322	9.6	257,073	19,395	7.54	9,124	2,059	22.57
SNNP	552,211	37,503	6.79	563,687	27,978	4.96	1,071,125	36,675	3.42	4,748,526	679,283	14.31	85,740	20,721	24.17
Gambella	14,813	1,879	12.68	23,671	3,595	15.19	33,127	4,590	13.85	123,879	12,879	10.4	1,114	544	48.87
Harari	2,731	457	16.72	3,373	388	11.49	8,119	875	10.77	25,314	2,674	10.57	427	166	38.87
Dire Dawa	2,907	411	14.15	2,266	304	13.41	6,135	694	11.31	18,744	1,505	8.03	938	246	26.22

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	3,457,467	99,531	2.88	1,326,103	53,383	4.03	1,057,681	59,003	5.58	1,754,379	184,551	10.52
Tigray	180,868	16,011	8.85	79,576	8,321	10.46	52,147	6,287	12.06	85,005	12,947	15.23
Afar	128,661	17,559	13.65	65,605	10,254	15.63	66,486	9,621	14.47	114,367	20,667	18.07
Amhara	1,249,852	63,158	5.05	437,820	32,682	7.46	387,531	43,516	11.23	562,177	58,233	10.36
Oromia.....	1,274,880	56,703	4.45	466,278	26,761	5.74	324,941	27,158	8.36	475,145	53,463	11.25
Somali	76,252	8,338	10.94	49,952	7,942	15.9	64,395	12,056	18.72	118,030	16,411	13.9
Benshangul-Gumuz	16,359	2,390	14.61	5,993	1,366	22.8	3,595	863	24.02	4,997	1,056	21.14
SNNP.....	517,583	45,378	8.77	215,618	28,733	13.33	153,554	23,903	15.57	386,377	164,139	42.48
Gambella	4,023	740	18.4	1,567	368	23.46	2,418	668	27.63	4,528	1,369	30.24
Harari.....	957	270	28.24	366	120	32.81	507	147	29.09	388	156	40.27
Dire Dawa.....	8,034	1,577	19.62	3,328	566	16.99	2,107	352	16.72	3,367	1,068	31.72

Annex Table 3-Cont'd

Female Sheep

Geographic Area	Number	<6MONTHS		6MONTHS - <1YEAR			Number	1-<2YEARS		2 YEARS & OLDER		
		SE	CV	Number	SE	CV		SE	CV	Number	SE	CV
Ethiopia	3,648,050	121,486	3.33	1,659,281	65,055	3.92	1,912,852	77,999	4.08	13,225,573	521,730	3.94
Tigray	182,081	17,206	9.45	105,536	11,661	11.05	135,506	13,208	9.75	782,755	64,533	8.24
Afar	181,362	24,760	13.65	119,477	20,166	16.88	191,381	28,539	14.91	864,752	105,441	12.19
Amhara	1,272,760	74,015	5.82	517,623	35,998	6.95	586,985	42,997	7.33	4,596,033	239,767	5.22
Oromia.....	1,356,697	66,687	4.92	570,612	34,453	6.04	560,347	37,201	6.64	4,275,577	183,373	4.29
Somali	101,217	11,734	11.59	81,991	13,507	16.47	110,765	21,435	19.35	399,361	44,561	11.16
Benshangul-Gumuz	14,316	1,800	12.58	6,214	1,099	17.69	7,717	1,632	21.15	38,744	5,897	15.22
SNNP.....	524,841	61,491	11.72	248,032	31,950	12.88	304,336	37,325	12.26	2,216,416	404,661	18.26
Gambella	4,940	993	20.1	2,807	647	23.03	6,619	2,184	33	17,383	4,073	23.43
Harari.....	1,112	284	25.54	352	141	40.01	851	206	24.22	3,942	592	15.01
Dire Dawa.....	8,723	1,153	13.22	6,636	1,324	19.95	8,345	1,460	17.49	30,611	4,275	13.96

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	3,344,876	122,650	3.67	1,409,261	69,985	4.97	1,188,403	66,619	5.61	2,186,149	219,791	10.05
Tigray	473,434	30,956	6.54	189,445	14,844	7.84	140,759	13,501	9.59	237,240	21,558	9.09
Afar	219,663	41,403	18.85	111,306	22,841	20.52	124,293	20,961	16.86	188,145	31,439	16.71
Amhara	816,619	55,180	6.76	315,136	25,904	8.22	301,635	34,940	11.58	500,200	38,649	7.73
Oromia.....	1,111,995	54,264	4.88	440,628	33,312	7.56	321,657	34,054	10.59	480,401	56,142	11.69
Somali	107,424	11,011	10.25	63,459	11,144	17.56	85,474	17,297	20.24	147,049	34,803	23.67
Benshangul-Gumuz	67,013	7,699	11.49	24,451	3,081	12.6	14,962	2,120	14.17	21,008	4,123	19.62
SNNP.....	512,771	78,677	15.34	242,537	47,306	19.5	184,647	33,624	18.21	591,305	202,421	34.23
Gambella	9,435	1,135	12.02	6,629	1,143	17.25	3,284	716	21.81	6,633	1,287	19.41
Harari.....	7,205	862	11.96	4,016	503	12.52	2,703	402	14.88	4,771	806	16.9
Dire Dawa.....	19,317	2,908	15.05	11,655	1,419	12.18	8,989	1,019	11.34	9,396	2,105	22.4

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	3,706,705	159,050	4.29	1,978,423	111,222	5.62	2,196,194	138,964	6.33	12,602,021	732,769	5.81
Tigray	484,699	32,094	6.62	291,714	23,471	8.05	371,149	31,541	8.5	1,736,336	100,087	5.76
Afar	352,707	66,874	18.96	271,239	64,217	23.68	379,462	99,766	26.29	1,654,241	223,376	13.5
Amhara	885,939	62,459	7.05	392,666	35,929	9.15	375,894	37,543	9.99	2,425,095	141,413	5.83
Oromia.....	1,156,658	73,398	6.35	531,668	43,766	8.23	534,326	50,416	9.44	3,503,202	275,512	7.86
Somali	162,199	19,642	12.11	109,238	18,389	16.83	156,778	29,052	18.53	591,747	75,442	12.75
Benshangul-Gumuz	73,445	8,137	11.08	38,837	6,075	15.64	39,639	6,808	17.18	169,281	16,559	9.78
SNNP.....	552,963	100,217	18.12	312,806	64,059	20.48	304,140	59,225	19.47	2,371,186	612,374	25.83
Gambella	10,202	1,402	13.74	9,769	2,057	21.06	9,025	1,385	15.34	39,207	5,804	14.8
Harari.....	7,075	818	11.56	4,101	518	12.64	3,375	512	15.17	29,460	2,179	7.4
Dire Dawa.....	20,819	2,875	13.81	16,386	2,474	15.1	22,405	3,401	15.18	82,266	11,206	13.62

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	185,522	13,701	7.38	814,497	45,759	5.62	186,307	15,458	8.30	837,886	57,523	6.87
Tigray	98	72	73.71	1,435	570	39.68	161	128	79.3	441	274	62.03
Afar	-	-	-	-	-	-	-	-	-	-	-	-
Amhara	39,801	6,430	16.16	139,572	19,654	14.08	42,055	6,512	15.48	235,023	36,135	15.38
Oromia.....	120,857	11,563	9.57	509,708	38,082	7.47	116,123	13,269	11.43	456,766	41,261	9.03
Somali	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	214	147	68.66	634	372	58.65	-	-	-	319	177	55.28
SNNP.....	24,552	3,553	14.47	161,938	16,022	9.89	27,967	4,523	16.17	145,214	17,336	11.94
Gambella	-	-	-	1,068	396	37.12	-	-	-	44	42	95.94
Harari.....	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	-	-	-	141	103	72.64	-	-	-	79	76	96.53

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	895,790	25,880	2.89	2,735,919	76,632	2.8	866,280	26,429	3.05	3,197,994	70,899	2.22
Tigray	88,264	8,763	9.93	320,251	20,043	6.26	84,442	7,084	8.39	298,136	18,367	6.16
Afar	18,201	3,595	19.75	35,619	5,975	16.78	16,764	3,516	20.98	62,896	10,995	17.48
Amhara	369,558	17,835	4.83	858,427	52,407	6.11	365,094	18,605	5.1	1,195,800	43,322	3.62
Oromia.....	343,378	15,189	4.42	1,138,256	47,802	4.2	339,703	16,213	4.77	1,299,835	47,269	3.64
Somali	11,314	1,927	17.03	52,287	4,990	9.54	7,708	1,439	18.68	43,390	6,277	14.47
Benshangul-Gumuz	8,126	1,452	17.86	44,941	5,843	13	6,447	1,131	17.54	17,044	2,275	13.35
SNNP.....	53,180	5,018	9.44	273,376	18,469	6.76	42,622	4,838	11.35	268,306	20,275	7.56
Gambella	40	41	103.52	1,245	662	53.21	-	-	-	-	-	-
Harari.....	971	231	23.75	6,829	1,561	22.87	873	290	33.19	4,009	804	20.07
Dire Dawa.....	2,759	483	17.52	4,689	642	13.69	2,626	348	13.24	8,580	985	11.48

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	25,448	3,942	15.49	165,656	10,993	6.64	27,751	5,408	19.49	178,573	11,419	6.39
Tigray	115	117	102.32	3,496	1,816	51.95	64	64	100.32	3,677	1,139	30.98
Afar	-	-	-	274	269	98.14	-	-	-	362	354	97.82
Amhara	17,907	3,636	20.31	56,854	6,823	12	18,563	5,065	27.28	79,289	8,941	11.28
Oromia.....	5,692	1,411	24.8	67,726	7,110	10.5	6,892	1,758	25.51	69,332	6,307	9.1
Somali	-	-	-	-	-	-	-	-	-	55	55	99.61
Benshangul-Gumuz	105	105	99.62	940	514	54.7	-	-	-	944	396	41.98
SNNP.....	1,630	548	33.64	36,304	4,485	12.35	2,233	705	31.58	24,870	3,014	12.12
Gambella	-	-	-	62	58	93.54	-	-	-	45	44	98.61
Harari.....	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	-	-	-	-	-	-	-	-	-	-	-	-

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

Geographic Area	MALE						FEMALE					
	<4YEARS			4YEARS & OLDER			<4YEARS			4YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	127,705	16,579	12.98	261,855	29,527	11.28	157,428	20,159	12.81	588,246	86,278	14.67
Tigray	5,253	3,474	66.14	46,899	8,132	17.34	1,659	1,349	81.35	4,830	3,211	66.48
Afar	38,562	6,491	16.83	62,707	10,296	16.42	73,547	14,125	19.21	285,809	60,628	21.21
Amhara	6,481	2,317	35.75	54,560	10,451	19.16	608	456	75.02	612	596	97.3
Oromia.....	47,387	12,475	26.33	33,484	7,259	21.68	40,551	10,124	24.97	140,867	44,979	31.93
Somali	28,027	7,704	27.49	60,664	23,140	38.14	39,576	10,105	25.53	152,524	41,637	27.3
Benshangul-Gumuz	462	402	86.83	86	80	92.36	-	-	-	-	-	-
SNNP.....	272	271	99.49	1,361	1,354	99.49	-	-	-	-	-	-
Gambella	-	-	-	-	-	-	-	-	-	-	-	-
Harari.....	390	200	51.22	248	148	59.6	764	428	56.05	1,630	787	48.31
Dire Dawa.....	871	237	27.25	1,845	693	37.55	724	198	27.4	1,974	451	22.86

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

Geographic Area	Total Poultry			Cocks			Cockerels			Pullets			Non-laying Hens			Chicks			Laying Hens		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	59,526,736	1,003,593	1.69	5,320,386	108,093	2.03	3,108,101	110,988	3.57	5,826,328	148,679	2.55	5,505,450	69,712	4.63	4,611,947	593,013	2.41	9,154,523	268,586	1.4
Tigray	6,267,466	236,627	3.78	446,173	22,366	5.01	368,796	30,139	8.17	780,666	45,208	5.79	225,264	26,175	11.62	2,462,778	135,647	5.51	1,983,789	78,037	3.93
Afar	106,355	31,153	29.29	12,429	3,597	28.94	9,207	3,459	37.57	14,942	5,050	33.8	11,809	4,500	38.11	37,532	12,043	32.09	20,436	6,507	31.84
Amhara	19,696,927	714,596	3.63	1,416,583	53,799	3.81	1,051,264	88,813	8.45	1,983,276	108,647	5.48	350,419	35,818	10.22	8,883,090	447,542	5.04	6,012,294	167,975	2.79
Oromia	20,775,167	522,499	2.52	2,161,711	67,356	3.12	1,020,647	49,669	4.87	1,825,086	67,992	3.73	578,185	46,653	8.07	7,909,226	275,117	3.48	7,280,312	165,652	2.28
Somali	138,581	23,262	16.79	18,856	3,397	18.02	10,253	2,647	25.82	14,049	2,634	18.75	12,005	5,644	47.02	39,916	8,260	20.69	43,502	6,562	15.08
Benshangul-Gumuz	1,363,061	99,041	7.27	115,920	9,068	7.82	90,770	11,320	12.47	175,575	18,456	10.51	19,344	6,354	32.85	673,511	53,896	8	287,941	17,015	5.91
SNNP	10,671,577	393,897	3.69	1,089,129	60,200	5.53	515,434	29,647	5.75	972,976	56,884	5.85	297,410	24,902	8.37	4,435,945	232,317	5.24	3,360,684	99,564	2.96
Gambella	358,288	31,023	8.66	44,363	4,371	9.85	34,372	5,306	15.44	44,246	4,813	10.88	5,735	1,166	20.33	134,145	13,230	9.86	95,427	8,740	9.16
Harari	68,827	8,055	11.7	7,924	1,254	15.83	2,922	757	25.91	7,088	1,301	18.35	2,567	779	30.33	19,507	3,495	17.92	28,818	3,481	12.08
Dire Dawa	80,488	7,129	8.86	7,299	1,164	15.94	4,436	670	15.11	8,423	998	11.84	2,712	821	30.29	16,297	1,948	11.96	41,320	3,985	9.64

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	5,824,525	239,743	4.12	5,618,155	236,576	4.21	69,925	10,939	15.64	136,445	15,564	11.41
Tigray	261,087	20,563	7.88	204,988	19,071	9.3	8,941	4,505	50.39	47,159	6,833	14.49
Afar	310	212	68.31	310	212	68.31	-	-	-	-	-	-
Amhara	1,300,822	100,622	7.74	1,247,477	96,981	7.77	14,058	3,399	24.18	39,287	8,989	22.88
Oromia	2,963,109	195,791	6.61	2,898,768	194,359	6.7	25,379	7,314	28.82	38,962	10,070	25.85
Somali	1,554	561	36.07	1,353	517	38.18	201	161	79.87	-	-	-
Benshangul-Gumuz	219,448	39,178	17.85	217,807	39,167	17.98	297	213	71.65	1,344	604	44.91
SNNP	978,658	76,149	7.78	948,914	75,024	7.91	20,413	5,835	28.58	9,331	3,598	38.56
Gambella	96,581	35,507	36.76	95,696	35,502	37.1	602	442	73.45	284	191	67.3
Harari	1,590	413	25.99	1,590	413	25.99	-	-	-	-	-	-
Dire Dawa	1,364	413	30.29	1,252	414	33.09	34	32	95.58	79	76	96.53

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 2015/16(2008 E.C.), Livestock Sample Survey**

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	32	930	956
	Central Tigray	39	39	1170	1,162
	Eastern Tigray	29	29	870	864
	Southern Tigray	38	38	1140	1,136
	Western Tigray	47	46	1050	1,370
	Region Total	184	184	4,860	5,488
Afar	Zone One	29	29	870	857
	Zone Three	19	20	630	592
	Region Total	48	49	1,500	1,449
Amhara	North Gonder	49	49	1470	1,447
	South Gonder	45	45	1350	1,339
	North Wello	46	46	1380	1,372
	South Wello	49	49	1470	1,458
	North Shewa	47	46	1410	1,356
	East Gojam	47	47	1410	1,406
	West Gojam	46	46	1380	1,372
	Wag Hemira	29	29	870	865
	Awi	32	32	960	941
	Oromia	28	28	840	836
	Argoba Special Woreda	20	20	600	597
	Region Total	438	437	13,140	12,989
Oromia	West Wellega	43	43	1290	1,287
	East Wellega	40	40	1230	1,197
	Illubabor	48	48	1440	1,439
	Jimma	47	47	1410	1,406
	West Shewa	44	44	1320	1,317
	North Shewa	38	39	1170	1,163
	East Shewa	40	40	1200	1,188
	Arsi	53	53	1590	1,582
	West Harerghe	42	41	1230	1,222
	East Harerghe	47	48	1440	1,436
	Bale	44	44	1410	1,310
	Borena	37	37	1140	1,106
	South West Shewa	38	38	1140	1,135
	Guji	38	38	1140	1,136
	West Arsi	36	39	1170	1,166
	Kelem Wellega	36	36	1080	1,077
	Horoguduru Wellega	39	36	1110	1,077
	Region Total	710	711	21,480	21,244

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	547
	Jijiga	28	28	840	808
	Liben	23	23	750	641
	Region Total	71	71	2190	1,996
Benishangul-Gumuz	Metekel	31	30	930	883
	Asosa	26	26	780	772
	Kemeshi	20	20	690	596
	Maokomo	20	20	600	596
	Region Total	97	96	3,000	2,847
SNNP	Guraghe	41	39	1230	1,170
	Hadiya	33	33	990	989
	Kembata_Tambaro	33	33	990	990
	Sidama	45	45	1350	1,348
	Gedeo	33	33	1020	984
	Wolayita	39	39	1170	1,165
	South Omo	36	32	1080	934
	Shaka	24	24	720	707
	Keffa	37	37	1110	1,104
	Gamo_Gofa	42	42	1260	1,256
	Benchi_Maji	36	36	1080	1,067
	Yem Special Wereda	20	20	600	600
	Dawro	32	32	960	956
	Basketo Special Wereda	20	20	600	595
	Konta Special Wereda	20	20	600	597
	Siltie	30	30	900	899
	Alaba Special Wereda	20	20	600	600
	Segen People	40	40	1,200	1,196
	Region Total	581	575	17,460	17,157
Gambella	Agnuak	21	21	630	618
	Nuer	19	19	570	562
	Mezhenger	20	20	600	591
	Etang Special Woreda	10	8	600	233
	Region Total	70	68	2,400	2,004
Harari	Harari	24	24	720	712
Dire Dawa	Dire Dawa	24	24	720	706
Country Total		2,247	2239	67,500	66,592

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

[illegible]

QST I - Did You Have Livestock and/or Beehives on November 10, 2015?

☐ No – End of the question

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

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

Form AGSS – 2008/7 Cont'd

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

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

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

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

Form AGSS –2008/7 Cont'd

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

Horses

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

None

Total	
124	
127	
130	
133	
136	
139	

Male	
125	
128	
131	
134	
137	
140	

Female	
126	
129	
132	
135	
138	
141	

Mules

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

None

Total	
142	
145	
148	
151	
154	
157	

Male	
143	
146	
149	
152	
155	
158	

Female	
144	
147	
150	
153	
156	
159	

Donkeys

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

None

Total	
160	
163	
166	
169	
172	
175	

Male	
161	
164	
167	
170	
173	
176	

Female	
162	
165	
168	
171	
174	
177	

Camels

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

None

Total	
178	
181	
184	
187	
190	
193	
195	
198	

Male	
179	
182	
185	
188	
191	
209	
196	
199	

Female	
180	
183	
186	
189	
192	
194	
197	
200	

Form AGSS – 2008/7 Cont'd

Poultry

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

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

None

Total

201	
205	
209	
213	
217	
221	
225	

Indigenous

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

Hybrid

Exotic

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

Yes=1 No=2

--

Yes Complete questions below

No – End of the question

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

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

None

Total

229	
230	
231	
232	

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

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

233	
234	
235	
236	
237	
238	

Milk, Egg, and Honey Production during the reference period

11. Dairy cows and Camels

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

	None	Indigenous	Hybrid	Exotic
12. Egg production per hen per clutch _____		247	248	249
13. Average number of days per clutch _____		250	251	252
14. Total Number of clutch during the reference period _____		253	254	255

15. Livestock Diseases and Treatments during the Reference Period

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

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

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

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

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

18. Livestock Feeds utilized during the reference period

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

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

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

Yes=1 No=2

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

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