

05/09/09

FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY
2008/09 [2001 E.C.]

VOLUME II

REPORT ON
LIVESTOCK AND LIVESTOCK CHARACTERISTICS
(PRIVATE PEASANT HOLDINGS)



ADDIS ABABA
FEBRUARY 2009

2/5/11 REG 0001738

05/09/11

CJ

FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY
2008/09 [2001 E.C.]

VOLUME II

REPORT ON
LIVESTOCK AND LIVESTOCK CHARACTERISTICS
(PRIVATE PEASANT HOLDINGS)



9
12
16
20
22
23
24
26
27
28

ADDIS ABABA
FEBRUARY 2009

Table of Contents

	Page
CHAPTER I. INTRODUCTION AND OBJECTIVES OF THE SURVEY---	1
1.1 Introduction -----	1
1.2 Objectives of the Survey-----	2
CHAPTER II. SURVEY METHODOLOGY AND OPERATIONS-----	3
2.1 Coverage -----	3
2.2 Sampling Frame-----	3
2.3 Sample Design-----	3
2.4 Selection Procedure-----	4
2.5 Basic Concepts and Definitions-----	5
2.6 Field Organization-----	7
2.7 Training of Field Staff-----	7
2.8 Method of Data Collection-----	7
2.9 Data Processing -----	8
2.9.1 Editing, Coding, and Verification-----	8
2.9.2 Data Entry, Cleaning, and Processing-----	8
CHAPTER III. SUMMARY OF THE SURVEY RESULTS-----	9
3.1 LIVESTOCK NUMBER BY BREED, AGE, SEX, AND PURPOSE--	9
3.1.1 Cattle Population-----	9
3.1.2 Sheep and Goat Populations-----	12
3.1.3 Horse, Donkey, Mule, and Camel Populations-----	16
3.1.4 Poultry Population-----	20
3.1.5 Beehive Population-----	22
3.2 NUMBERS OF BIRTHS, PURCHASES, AND ACQUIRED ANIMALS BY TYPE -----	23
3.3 NUMBERS OF SALES, SLAUGHTERS, DEATHS, AND OFFERINGS BY TYPE -----	24
3.4 LIVESTOCK PRODUCTS-----	26
3.4.1 Milk Production-----	26
3.4.2 Honey Production-----	27
3.4.3 Egg Production-----	27
3.5 LIVESTOCK VACCINATION, DISEASES, AND TREATMENT -----	28
3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK-----	30
3.7 ANIMAL FEED-----	32
3.8 LIVESTOCK EXTENSION-----	34
Statistical Tables-----	35
Annex Tables-----	163
Appendix I-----	173
Appendix II-----	177
Appendix III -----	183

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 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 2008/09 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2008 or Hidar 1, 2001 E.C.) and reference period (November 12, 2007 to November 10, 2008 or Hidar 2, 2000 E.C. to Hidar 1, 2001 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 purvey 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 2007/8 (2001 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 regions.

To be covered by the survey, a total of 2,290 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 43 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,247 EAs (91.12%) 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 68,700 agricultural households, however, 65,905 (95.93%) 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 1999 E.C. Cartographic 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 households. 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.

Summary 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
Oromia	17	17
Somale	9	3
Benishangul Gumuz	5	5
S.N.N.P.R	21	21
Gambela	4	4
Hareri	1	1
Dire Dawa	1	1
Total	79	70

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 1999 E.C. Cartographic Census frame. Within each sample EA 30 agricultural households were selected systematically from the fresh list of households prepared at the beginning of the survey.

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

2.5 BASIC CONCEPTS AND DEFINITIONS

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

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

Households: A household may be either;

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

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

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

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

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

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

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

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

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

Milking Cow: Refers to cows actually milked during the year, Nov 12, 2007 to Nov 10, 2008.

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

Laying Hens: Refer to all hens and pullets of all types that laid eggs during the reference period, Nov 12, 2007 to Nov 10, 2008.

Other Purposes: Cattle which participate in activities such as transporting and the like other than animals kept for draught, milk and beef purposes are categorized as cattle for other purposes. Moreover, Sheep and Goats that are kept for other purposes other than breeding, wool, meat, and milk production are included in this category.

2.6 FIELD ORGANIZATION

The entire 25 Branch Statistical 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 5. 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, and some of the field supervisors. The training was given for about twelve days at CSA's headquarters in Addis Ababa. Many of these personnel trained in the first-stage conducted similar training for field supervisors and enumerators for about three weeks in branch offices, which are distributed around the country. During the second-stage training, the field staff were given detailed classroom instruction on the objectives and uses of the survey, concepts and definitions of terms used, interviewing procedures, how to fill questionnaires, ...etc. The enumerators' training also includes a field practice to strengthen the concepts discussed in the classroom.

2.8 METHOD OF DATA COLLECTION

In each selected site, a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified

agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was November 10, 2008 (Hidar 1/2001 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 IMPS (Integrated Microcomputer 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 2008/09 livestock survey has covered the rural sedentary areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 2008), 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 49.3 million. Out of this total cattle population, the female cattle constitute about 55.48 percent and the remaining 44.52 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63.37 percent) is in the 3 years and less than 10 years age category, with about 27.56 percent female and 35.91 percent male. Moreover, 33.58 percent are less than three years and those with age category 10 years and over took small portion i.e. 3.06 percent of the total estimated number of cattle population (also see Fig III.1).

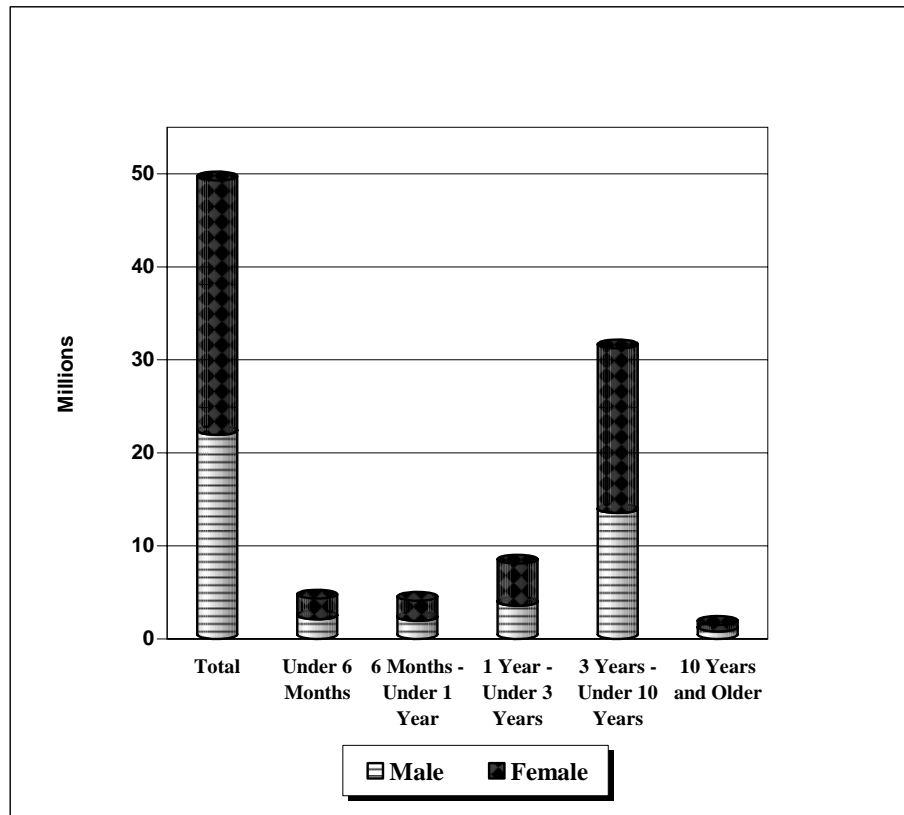
On the other hand, the results obtained indicated that 99.28 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.61 percent and 0.11 percent, respectively. Moreover, distribution of cattle by purpose is given in the same table. Among cattle aged 3

years and less than 10 years, those used for draught purposes accounted for 25.25 percent and the percentage share of beef cattle is the lowest that is about 0.84 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 - 2008/09

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total	49,297,898	100	21,946,586	44.52	27,351,313	55.48
Under 6 months	4,327,787	8.78	2,097,974	4.26	2,229,812	4.52
6 months - under 1 year	4,111,604	8.34	1,936,052	3.93	2,175,552	4.41
1 year – under 3 years	8,112,431	16.46	3,565,946	7.23	4,546,485	9.22
3 years – under 10 years.....	31,239,052	63.37	13,538,543	27.46	17,700,509	35.91
10 years and older	1,507,025	3.06	808,069	1.64	698,955	1.42
Cattle by Breed						
Total	49,297,898	100	21,946,586	44.52	27,351,313	55.48
Indigenous	48,944,478	99.28	21,816,809	44.26	27,127,669	55.03
Hybrid.....	300,428	0.61	110,102	0.22	190,326	0.39
Exotic.....	52,992	0.11	19,674	0.04	33,318	0.07
Aged 3 – 10 Years by Purpose						
Total	31,239,052	63.37	13,538,543	27.46	17,700,509	35.91
Used for Milk	7,022,004	14.24			7,022,004	14.24
Used for Draught.....	12,448,979	25.25	12,308,348	24.97	140,632	0.29
Used for Beef	415,260	0.84	339,488	0.69	75,771	0.15
Used for Breeding	9,958,349	20.2	445,583	0.9	9,512,766	19.3
Used for Other.....	1,394,461	2.83	445,125	0.9	949,336	1.93
Dairy Animals						
Dairy Cows.....	7,022,004	14.24			7,022,004	14.24
Milking Cows.....	9,919,360	20.12			9,919,360	20.12

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



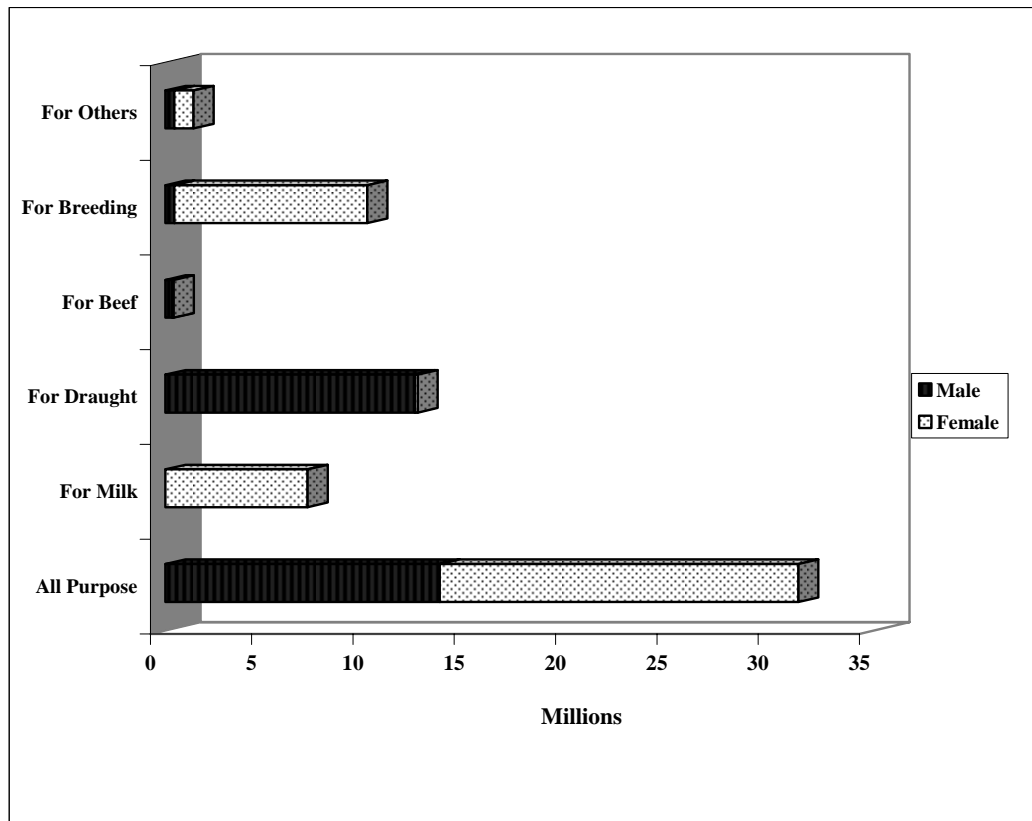
Dairy-cows¹ are estimated to be around 7.02 million and milking-cows² are 9.92 million heads during the reference period.

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. 12, 2007 to Nov. 10, 2008).

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



3.1.2 Sheep And Goat Populations

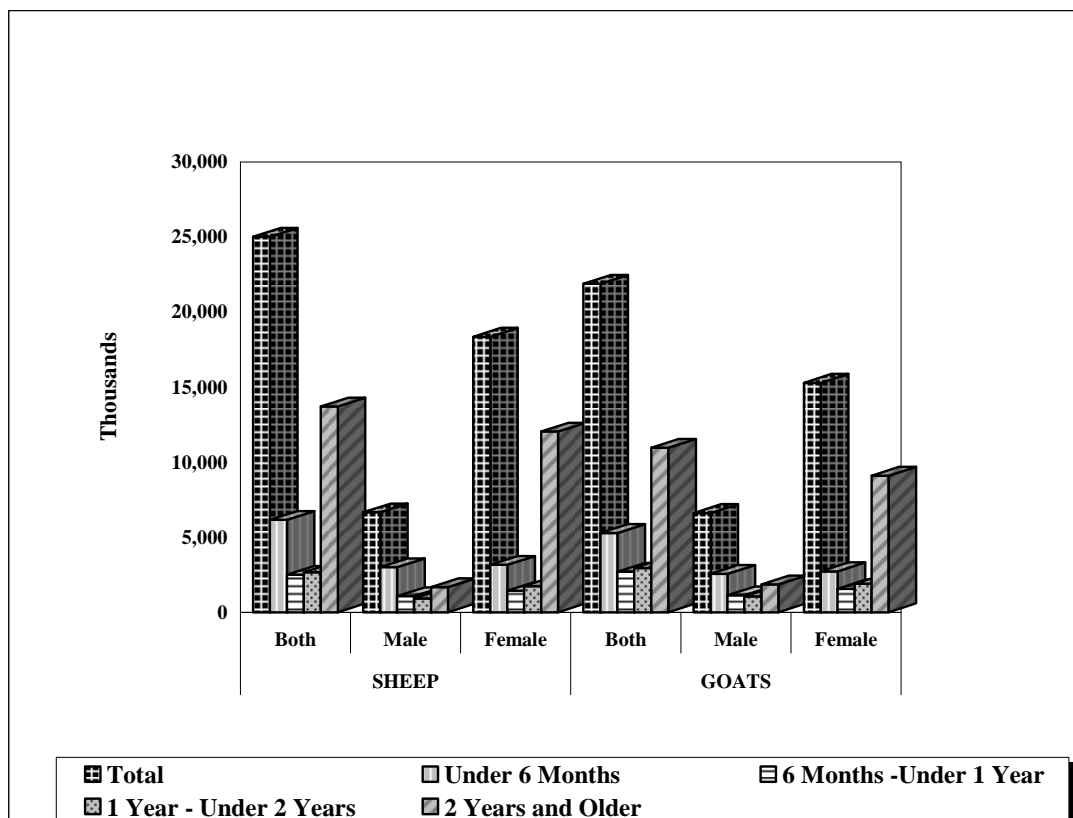
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 25.02 million sheep are estimated to be found in the country, out of which about 73.38 percent are females, and about 26.62 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 21.88 million. Out of these total goats, about 69.84 percent are females and 30.16 percent are males (see Summary Table III. 2 and Fig. III. 3).

SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed,
and Purpose, Ethiopia - 2008/09

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep	25,017,218	100	6,659,814	26.62	18,357,404	73.38
Under 6 months.....	6,152,959	24.59	2,998,318	11.99	3,154,641	12.61
6 months - under 1 year.....	2,496,802	9.98	1,068,466	4.27	1,428,336	5.71
1 year - under 2 years.....	2,662,807	10.64	922,561	3.69	1,740,246	6.96
2 years and older.....	13,704,648	54.78	1,670,468	6.68	12,034,180	48.1
Sheep by Breed						
Total.....	25,017,218	100	6,659,814	26.62	18,357,404	73.38
Indigenous.....	24,990,004	99.89	6,649,485	26.58	18,340,518	73.31
Hybrid.....	10,771	0.04	4,791	0.02	5,979	0.02
Exotic.....	*	*	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total.....	13,704,648	54.78	1,670,468	6.68	12,034,180	48.1
Used for Mutton.....	759,813	3.04	710,964	2.84	48,849	0.2
Used for Wool.....	77,326	0.31	10,614	0.04	66,712	0.27
Used for Breeding.....	12,772,384	51.05	897,279	3.59	11,875,105	47.47
Used for Other.....	95,126	0.38	51,611	0.21	43,515	0.17
Total Goats	21,884,222	100	6,600,827	30.16	15,283,395	69.84
Under 6 months...	5,279,279	24.12	2,554,431	11.67	2,724,848	12.45
6 months - under 1 year.....	2,699,316	12.33	1,136,087	5.19	1,563,229	7.14
1 year - under 2 years.....	2,949,113	13.48	1,053,294	4.81	1,895,820	8.66
2 years and older.....	10,956,513	50.07	1,857,015	8.49	9,099,499	41.58
Goats by Breed						
Total.....	21,884,222	100	6,600,827	30.16	15,283,395	69.84
Indigenous.....	21,881,055	99.99	6,600,525	30.16	15,280,530	69.82
Hybrid.....	2,778	0.01	*	*	2,476	0.01
Exotic.....	*	*	-	-	*	*
Goats Aged 2 Years and Older by Purpose						
Total.....	10,955,424	50.06	1,855,926	8.48	9,099,499	41.58
Used for Milk.....	680,112	3.11			680,112	3.11
Used for Meat.....	733,769	3.35	686,735	3.14	47,034	0.21
Used for Breeding.....	9,456,383	43.21	1,115,715	5.1	8,340,668	38.11
Used for Other.....	85,160	0.39	53,475	0.24	31,685	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 (54.78 percent and 50.07 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 24.59 percent and 24.12 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 (99.81 percent and 99.99 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 (54.78% of the total sheep), 51.05 percent are kept for breeding; about three percent for mutton and less than one percent of them were kept for wool production. Likewise, amid the goat population aged two years and older (50.07% of the total), goats kept for breeding accounted for about 43.21 percent while goats kept for meat accounted for about 3.35 percent. The number of female goats kept for milk at country level is estimated to be about 680 thousand, which is 3.11 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

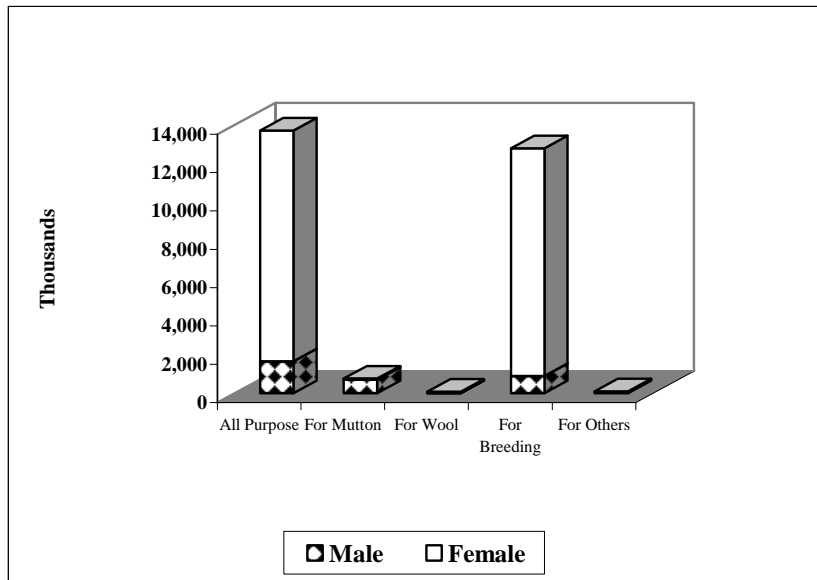
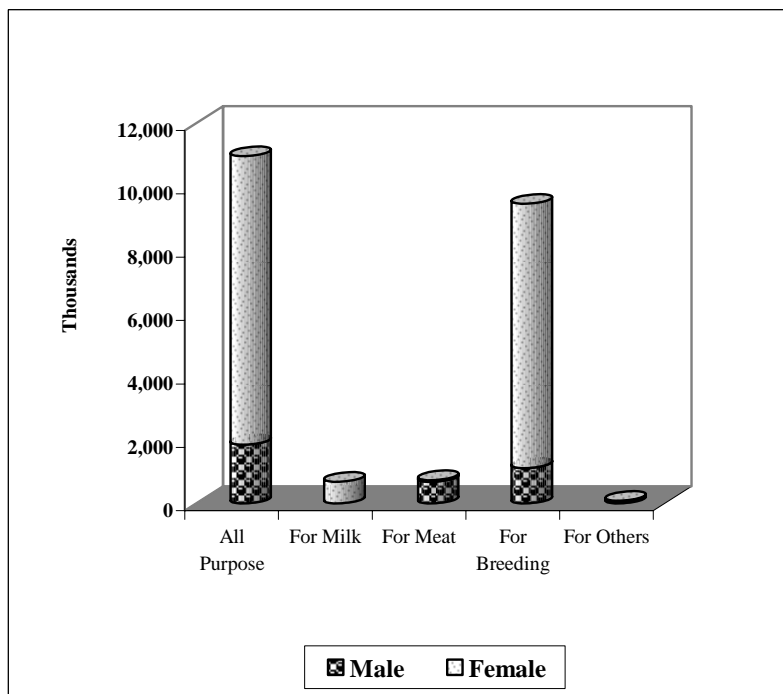


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 1.79 million horses, 5.42 million donkeys, 335 thousand mules, and 760 thousand camels in the sedentary areas of the country.

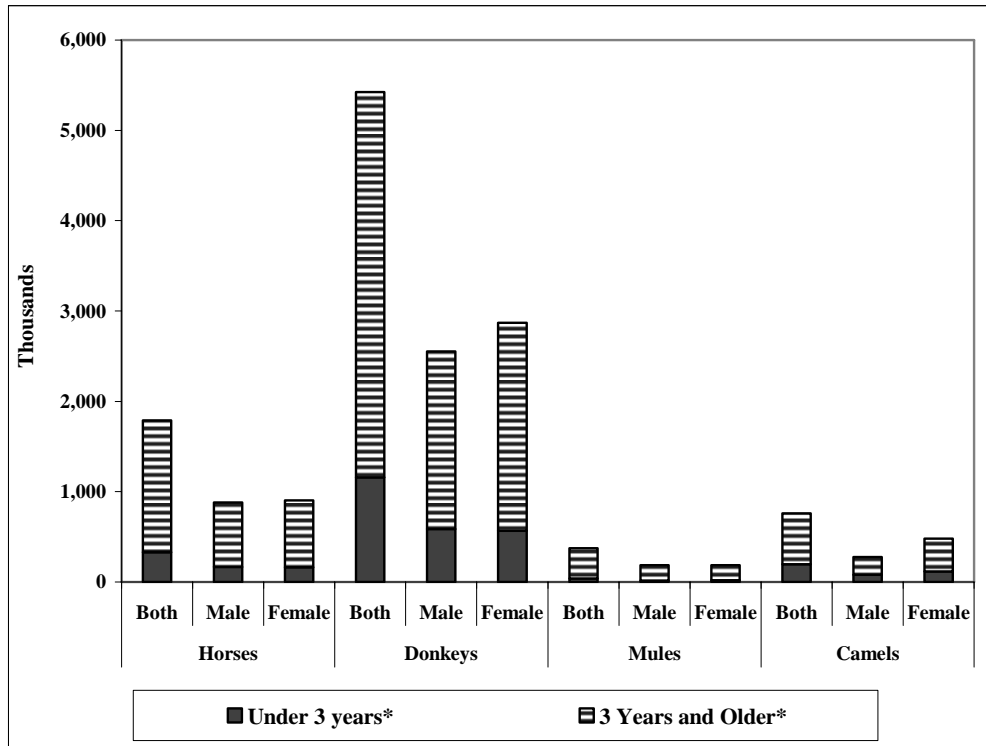
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 52.93 percent are females and the remaining 47.07 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 74.22 percent of the camels are of the age group 4 years and older.

The estimates of these animals by purpose are also given in Summary Table III.3. Among the horses aged 3 years and older, about 1.14 million were used for transportation, 144 thousand were for draught and the remaining 178 thousand were used for other purposes. With regard to donkeys, about 3.29 million were used for transportation whereas about 749 thousand and 230 thousand were used for draught and other purposes, respectively.

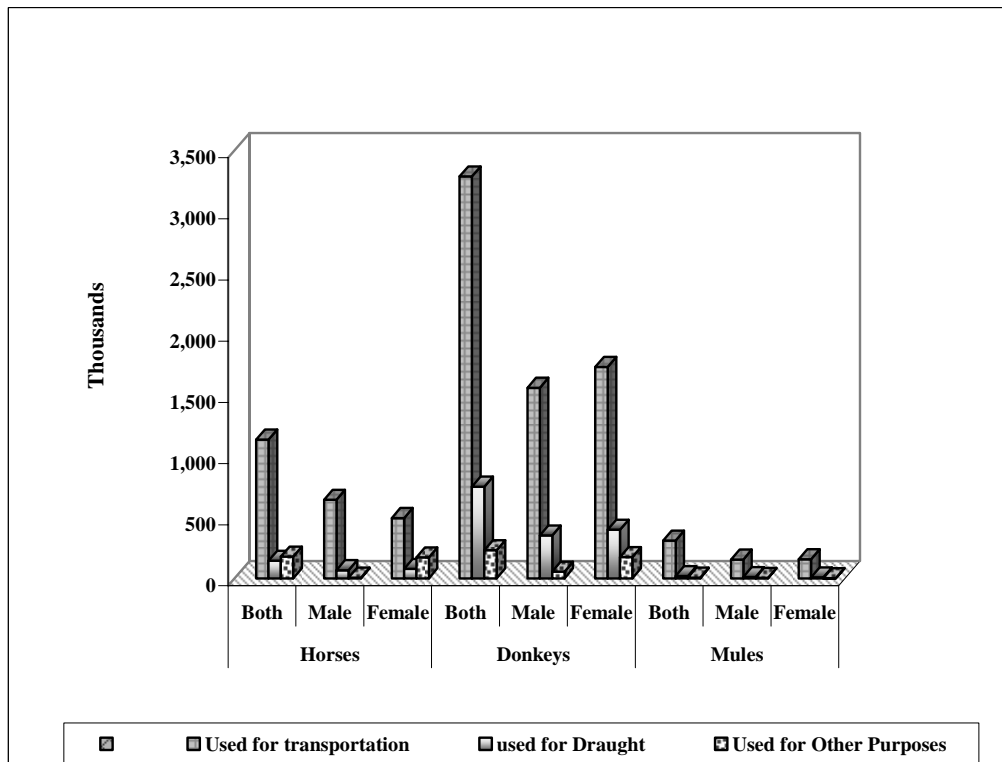
**SUMMARY TABLE III.3: Estimated Numbers of Horses, Donkeys, Mules,
and Camels by Sex, Age, and Purpose, Ethiopia - 2008/09**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses.....	1,787,211	100	881,335	49.31	905,876	50.69
Under 3 Years	329,034	18.41	165,450	9.26	163,585	9.15
3 years and older.....	1,458,177	81.59	715,885	40.06	742,292	41.53
Horses Aged 3 Years and Older by Purpose						
All Uses	1,458,177	81.59	715,885	40.06	742,292	41.53
Transportation	1,136,100	63.57	642,955	35.98	493,146	27.59
Draught	144,184	8.07	66,884	3.74	77,300	4.33
Other Uses	177,892	9.95	6,046	0.34	171,846	9.62
Total Donkeys.....	5,421,895	100	2,552,284	47.07	2,869,612	52.93
Under 3 Years...	1,156,310	21.33	588,004	10.84	568,306	10.48
3 years and older.....	4,265,585	78.67	1,964,280	36.23	2,301,305	42.44
Donkeys Aged 3 Years and Older by Purpose						
All Uses	4,265,585	78.67	1,964,280	36.23	2,301,305	42.44
Transportation	3,285,916	60.6	1,557,757	28.73	1,728,159	31.87
Draught	749,347	13.82	350,814	6.47	398,533	7.35
Other Uses	230,322	4.25	55,708	1.03	174,614	3.22
Total Mules.....	373,519	100	186,239	49.86	187,280	50.14
Under 3 Years	39,017	10.45	17,711	4.74	21,306	5.7
3 years and older.....	334,502	89.55	168,528	45.12	165,974	44.44
Mules Aged 3 Years and Older by Purpose						
All Uses	334,502	89.55	168,528	45.12	165,974	44.44
Transportation	309,526	82.87	153,531	41.1	155,995	41.76
Draught	19,028	5.09	10,823	2.9	8,205	2.2
Other Uses	5,949	1.59	4,174	1.12	1,775	0.48
Total Camels.....	759,696	100	278,451	36.65	481,245	63.35
Under 4 Years	195,875	25.78	78,757	10.37	117,118	15.42
4 years and older.....	563,821	74.22	199,694	26.29	364,127	47.93
Camels Aged 4 Years and Older by Purpose						
All Uses	563,821	74.22	199,694	26.29	364,127	47.93
Meat	29,864	3.93	21,495	2.83	-	-
Milk.....	272,023	35.81	-	-	272,023	35.81
Transportation	180,536	23.76	152,119	20.02	28,418	3.74
Draught	20,839	2.74	15,443	2.03	-	-
Other Uses	60,559	7.97	10,637	1.4	49,922	6.57

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

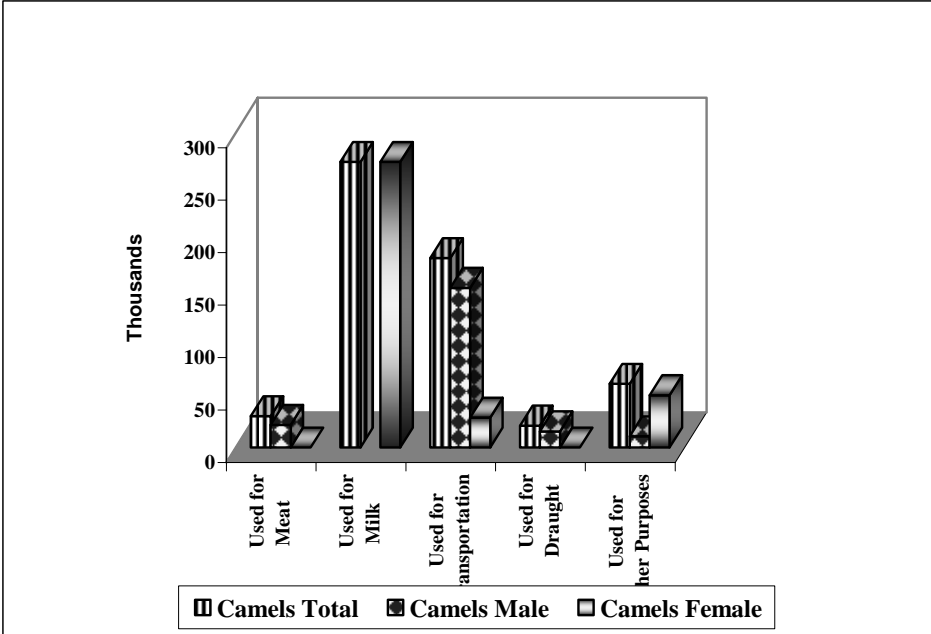


* Note that for camels the 'Age Categories' are under 4 years and 4 years & older
FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX



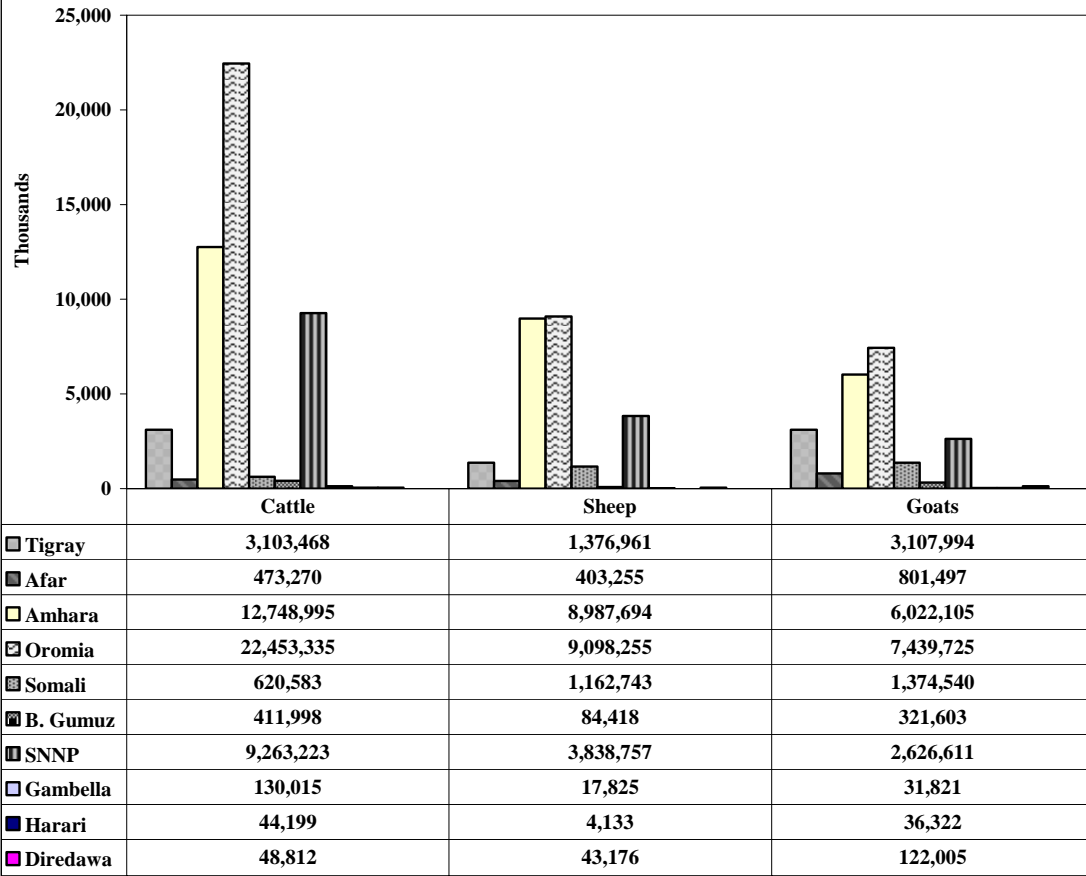
Considering the purpose of the mules, the data shows that the predominance (82.87 percent) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 35.81 percent of the camels reported were kept for milk, 23.76 percent were for transportation, and only 2.74 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 30 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 and Figure III.9.

FIGURE III.9 DISTRIBUTION OF MAJOR LIVESTOCK TYPES BY REGION



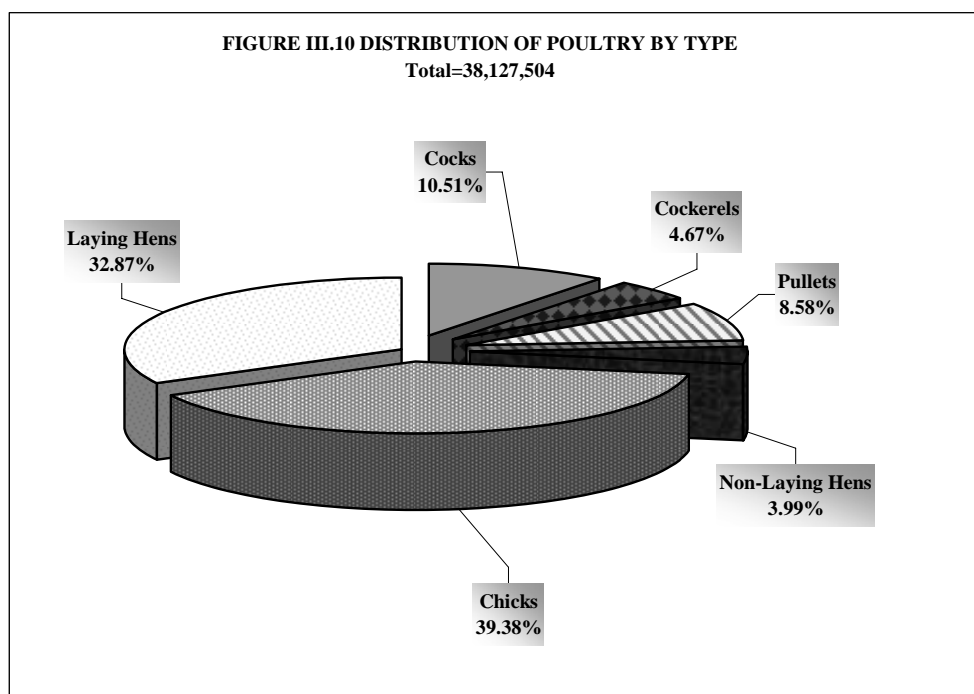
3.1.4 Poultry Population

Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 38.13 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (39.38 percent), followed by laying hens (32.87 percent). Pullets are estimated to be 3.27 million in the country. Cocks and cockerels are also estimated separately, and are 4.01 million and 1.78 million, respectively. The others are non-laying hens that make up about 3.99 percent (1.52 million) of the total poultry population in the country. With regard to breed, 96.4 percent, 3.06 percent and 0.53 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 - 2008/09

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry	38,127,504	100	36,756,130	96.4	1,167,933	3.06	203,441	0.53
Cocks	4,007,999	10.51	3,852,659	10.1	115,888	0.3	39,451	0.1
Cockerels	1,780,639	4.67	1,717,657	4.51	59,765	0.16	3,216	0.01
Pullets	3,270,794	8.58	3,140,685	8.24	111,858	0.29	18,251	0.05
Non-Laying Hens	1,519,735	3.99	1,462,522	3.84	43,975	0.12	13,238	0.03
Chicks	15,015,339	39.38	14,621,061	38.35	373,553	0.98	20,724	0.05
Laying Hens.....	12,532,998	32.87	11,961,544	31.37	462,893	1.21	108,561	0.28



3.1.5 Beehive Population

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

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

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

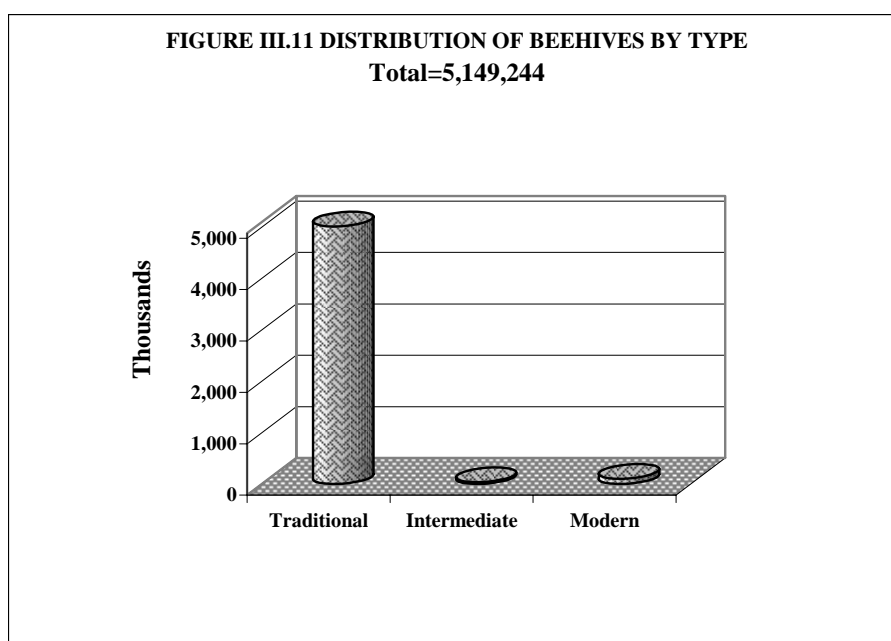
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 12, 2007 to November 10, 2008). Accordingly, the result

of the survey revealed that a total of about 5.15 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (97.37 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type, Ethiopia - 2008/09

Type of Beehive	Number	%
All Beehives	5,149,244	100
Traditional Beehives	5,013,849	97.37
Intermediate Beehives	34,552	0.67
Modern Beehives.....	100,843	1.96



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

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

According to the survey result, about 51.5 million chickens, 11.1 million sheep, 9.4 million cattle and 9.2 million goats 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 16.3 million animals (either to build their stock or for some other reasons) and acquired about 1.7 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 - 2008/09

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	9,410,527	4,498,344	4,912,183	3,610,609	2,083,932	1,526,677	640,373	282,503	357,870
Sheep.....	11,138,442	5,238,603	5,899,839	3,440,083	1,558,564	1,881,519	390,949	68,960	321,989
Goats	9,154,093	4,262,607	4,891,486	1,729,980	577,231	1,152,749	234,540	53,281	181,259
Horses.....	143,927	71,879	72,048	200,940	115,018	85,923	12,184	4,273	7,911
Donkeys	421,891	208,743	213,148	548,054	311,211	236,843	30,652	12,379	18,273
Mules.....	19,404	7,617	11,787	56,617	28,391	28,226	*	-	*
Camels.....	107,678	44,362	63,316	32,842	25,777	7,065	2,419	*	*
Poultry	51,494,061	24,470,229	27,023,832	6,724,115	2,903,880	3,820,235	353,095	89,010	264,086

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 10.1 million chickens, 6.6 million sheep, 5 million cattle and 4.3 goats were sold and about 15.6 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated numbers of chicken deaths, sheep deaths, cattle deaths and goat deaths during the reference period are about 35 million, 8.6 million, 6.4 million, and 5.8 million, respectively. According to the survey result, households have also offered about 1.3 million animals to their relatives or others as gifts during the year.

SUMMARY TABLE III.7 Estimated Numbers of Sales, Slaughters, Deaths, and Offerings by Type during the Reference Period,
Ethiopia - 2008/09

Type of Livestock	Number of Sales			Number of Slaughters			Number of Deaths*			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	5,013,611	2,921,112	2,092,499	365,506	198,136	167,370	6,436,041	2,624,920	3,811,121	482,666	188,031	294,635
Sheep	6,580,983	3,244,974	3,336,009	3,105,380	2,285,964	819,416	8,634,104	2,781,058	5,853,046	239,038	55,728	183,309
Goats	4,328,136	2,224,019	2,104,117	1,782,747	1,247,398	535,349	5,758,931	2,063,020	3,695,911	185,079	51,628	133,450
Horses	159,914	97,537	62,377				308,626	128,288	180,337	13,139	3,734	9,405
Donkeys	337,693	182,227	155,466				432,751	217,387	215,364	16,289	5,670	10,619
Mules	38,700	20,526	18,173				36,680	17,669	19,011	*	-	*
Camels	55,120	44,459	10,661	6,734	3,993	2,741	87,185	25,857	61,328	3,317	*	1,685
Poultry	10,064,838	5,384,446	4,680,392	10,294,902	6,292,618	4,002,284	35,043,224	15,519,539	19,523,685	401,367	149,728	251,639

* 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 2.76 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 16.2 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 1.3 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 3.7 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 39.7 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 1.51, 1.62, and 1.55 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 72 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 four and five for the local and hybrid breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 21 and 33 days for local and hybrid breeds, in that order. The average number of eggs laid per hen per egg-laying period in the country is about 12 and 30 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2008/09**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			1.301
Average Daily Milk Production (Liters/Cow)...			6
Average Lactation Period (Months)		2,764,797,144	
Total Milk Production (Liters).....			
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			3.7
Average Lactation Period (Months)			9
Total Milk Production (Liters).....		162,134,805	
Honey Production			
All Types of Beehives (Number).....		5,149,244	
Production (Kilograms)		39,660,647	
Average Frequency (Harvests/Year)			1.51
Traditional Beehives (Number).....		5,013,849	
Production (Kilograms)		37,024,970	
Average Frequency (Harvests/Year)			1.51
Intermediate Beehives (Number).....		34,552	
Production (Kilograms)		492,341	
Average Frequency (Harvests/Year)			1.62
Modern Beehives (Number).....		100,843	
Production (Kilograms)		2,143,335	
Average Frequency (Harvests/Year)			1.55
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	4	5	1
Average Length of a Period (in days).....	21	33	95
Average Number of Eggs/Hen/Period.....	12	30	111
Total Egg Production (Number).....	71,748,172	5,992,483	1,348,071

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 - 2008/09

Type of Livestock	Total Vaccinated	Vaccinated against:					
		Anthrax ³	Blackleg ⁴	Pleuro-Pneumonia ⁵	Hemorrhagic Septicemia ⁶	Rinderpest ⁷	Others
Cattle.....	12,717,310	5,049,523	4,506,192	1,782,918	1,800,083	340,245	1,555,234
Sheep	3,373,051	489,750	446,432	997,184	801,259	62,111	1,071,951
Goats	2,813,351	313,443	384,489	816,570	914,568	56,601	613,980
Camels	21,005	4,338	4,657	*	*	*	5,407

SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2008/09

Item	Number	%
Total Afflicted.....	23,931,351	100
Cattle	9,254,149	38.67
Sheep	7,928,867	33.13
Goats	5,611,132	23.45
Horses, Donkeys, and Mules .	1,003,913	4.19
Camels.....	103,807	0.43
Poultry.....	29,484	0.12
Total Treated.....	7,445,472	100
Cattle	4,051,604	54.42
Sheep.....	1,881,779	25.27
Goats	1,139,931	15.31
Horses, Donkeys, and Mules .	348,929	4.69
Camels.....	18,651	0.25
Poultry.....	4,579	0.06

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 18.92 million. Out of these animals, about 67 percent were cattle followed by sheep, which took about 17.8 percent share. Goats also accounted for about 14.9 percent of the total vaccinated animals. The survey results also revealed that only 21 thousand camels were vaccinated during the reference period.

As indicated in Summary Tabel III.9b, about 24 million animals were diseased / afflicted by different types of diseases during the reference period and only 7.4 million of them were treated. The cattle constituted about 54.4 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary

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.

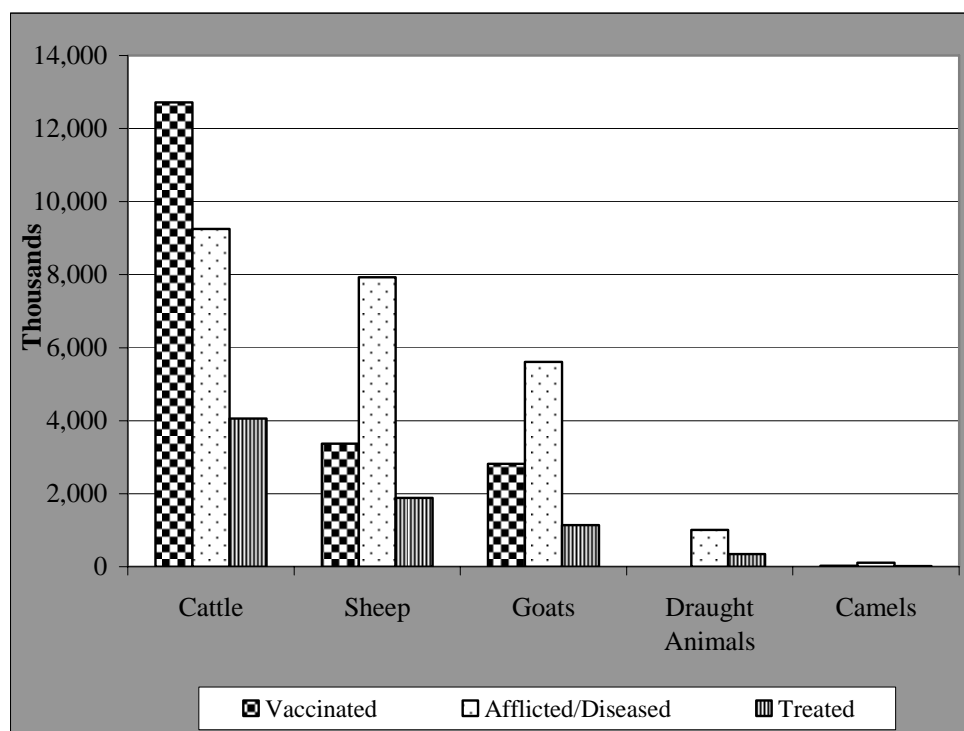
⁵ Pleuro-pneumonia – is an infectious bacterial disease of animals mainly cattle that causes cough and fever and is transmittable to other animals easily.

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

⁷ Rinder pest – is sometimes a fatal viral disease mainly affecting cattle, sheep, and goats that occurs chiefly in Africa and Asia.

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 LIVESTOCK⁸

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 53 percent, reported one to four cattle and considerable portion (21.3 percent) of the holdings possess five to nine cattle. About 19.5 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

⁸ The measures of size used for classification were adapted from FAO recommendation (2005).

Summary Table III.10a: Number of Holdings by Size of Cattle,
Ethiopia - 2008/09

Size	Number of Holdings	%
All Holdings.....	13,864,753	100
Holdings with no Cattle...	2,707,234	19.53
1-2 Head.....	3,775,957	27.23
3-4 Head.....	3,585,053	25.86
5-9 Head.....	2,950,706	21.28
10-19 Head.....	724,993	5.23
20-49 Head.....	113,529	0.82
50-99 Head.....	6,213	0.04
100-199 Head.....	1,003	0.01
>=200 Head.....	65	*

The result of the survey also revealed that about 24.4 percent and 17 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 61.7 percent and about 71.9 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 – 2008/09

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	13,864,753	100	13,864,753	100
Holdings with no Sheep/Goats.	8,555,018	61.7	9,971,039	71.92
1-4 Head.....	3,385,978	24.42	2,356,595	17
5-9 Head.....	1,416,059	10.21	971,726	7.01
10-49 Head.....	500,597	3.61	547,047	3.95
50-99 Head.....	5,751	0.04	16,200	0.12
100-199 Head.....	1,079	0.01	2,091	0.02
200-499 Head.....	271	*	55	*
>=500 Head.....	-	-	-	-

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 98.6 percent, 97.5 percent, 91.5 percent, and 72.2 percent of the total holdings were with no camel; no mule, no horse, and no donkey, respectively (see Summary Table III.10c).

Summary Table III.10c: Number of Holdings by Size of Draught Animals,
Ethiopia - 2008/09

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	13,864,753	100	13,864,753	100	13,864,753	100	13,864,753	100
Holdings with no Animals.	12,681,071	91.46	10,008,347	72.19	13,519,934	97.51	13,673,540	98.62
1-2 Head.....	1,055,359	7.61	3,591,000	25.9	341,942	2.47	111,722	0.81
3-4 Head.....	109,808	0.79	248,980	1.8	2,771	0.02	31,791	0.23
5-9 Head.....	17,108	0.12	15,990	0.12	106	*	28,911	0.21
>= 10 Head.....	1,407	0.01	436	*	-	-	18,789	0.14

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (47.8 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2008/09

Size	Number of Holdings	%
All Holdings.....	13,864,753	100
Holdings with no Poultry...	6,632,025	47.83
1-9 Head.....	6,097,378	43.98
10-49 Head.....	1,132,976	8.17
50-99 Head.....	2,368	0.02
100-199 Head.....	6	*
200-499 Head.....	-	-

3.7 ANIMAL FEED

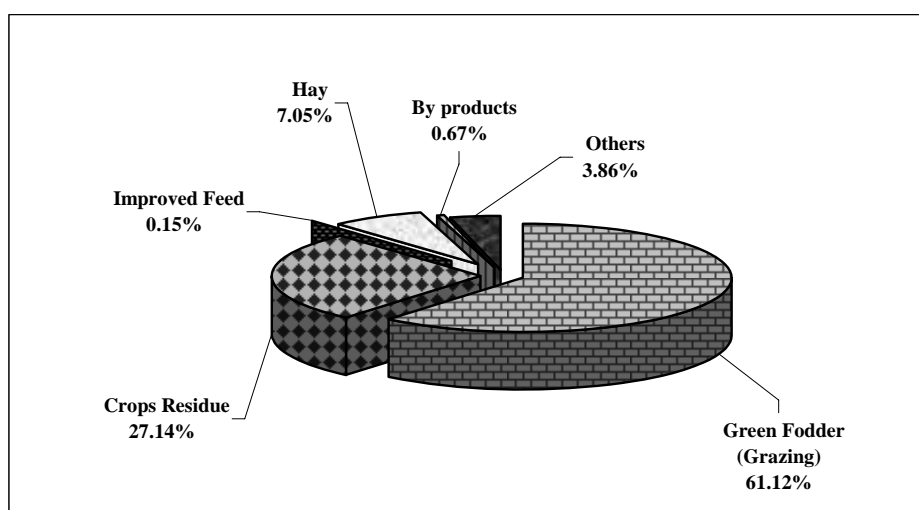
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *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 61 percent) followed by crops residue that is about 27 percent. Hay and by-products were also used as animal feeds that comprise about 7.05 and 0.67 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 0.15 percent) was used as animal feed and other types of feed that accounted for about 3.86 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2008/09

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing	12,247,319	61.12
Crops Residue.....	10,310,951	27.14
Improved Feed.....	102,358	0.15
Hay	3,931,789	7.05
By-products.....	729,445	0.67
Others.....	3,260,749	3.86

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 12.2 million holders have used green fodder to feed their animals. Significant number of holders (about 10.3 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 3.9 million, and about 729 thousand holders have reported to use hay and by-products, respectively. Quite a number of holders (about 3.3 million) as well reported to use other types of feeds while about 102 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. Considerable 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 - 2008/09**

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	12,250,443	10,310,289	101,212	3,931,548	729,193	3,260,649
Own Holding.....	4,446,440	9,025,668	63,495	2,583,005	346,340	2,112,516
Purchased.....	213,912	198,643	25,794	526,976	319,094	500,246
Communal Holdings/Government	3,968,450	145,339	3,054	112,170	5,256	56,922
From any Two or More Sources...	3,384,708	813,748	7,949	654,119	38,272	387,578
Other Sources.....	236,933	126,891	920	55,278	20,231	203,387

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 190 thousand holders (about 1.4 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 dairy development packages. About 24 percent of them were engaged in poultry development packages whereas 16.7 percent of them have practiced honey and wax development package. Moreover, about three 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 - 2008/09**

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	189,637	100
Dairy Development Package.....	58,149	30.66
Beef/Meat/Mutton Development Package.....	49,124	25.90
Poultry Development Package.....	44,889	23.67
Honey and Wax Development Package.....	31,706	16.72
Two or More of the Packages.....	5,769	3.04

**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	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Ethiopia	49,297,898	25,017,218	21,884,222	1,787,211	5,421,895	373,519	759,696	38,127,504	5,149,244
Tigray	3,103,468	1,376,961	3,107,994	5,427	463,492	7,694	32,552	3,829,788	255,607
North West Tigray	849,267	139,570	1,018,434	-	86,697	965	10,334	1,003,238	51,597
Central Tigray	751,771	360,808	1,234,652	-	141,815	*	5,197	1,229,666	82,664
Eastern Tigray	361,073	572,819	229,345	*	79,210	*	*	499,372	46,734
Southern Tigray	673,206	260,064	326,291	*	123,099	3,868	14,714	638,495	52,627
Western Tigray	468,150	43,700	299,271	*	32,670	1,212	1,282	459,017	21,986
Afar	473,270	403,255	801,497	*	26,451	*	171,514	26,519	*
Zone 1	255,225	199,120	375,208	*	13,519	-	47,312	830	-
Zone 3	218,045	204,135	426,289	-	12,932	*	124,202	25,689	*
Amhara	12,748,995	8,987,694	6,022,105	296,372	2,017,935	124,415	50,506	12,755,956	996,469
North Gonder	2,407,544	979,800	1,382,656	31,456	272,655	13,612	*	3,286,769	223,694
South Gonder	1,326,764	902,162	655,519	17,802	221,188	10,674	-	1,396,599	82,381
North Wolo	1,156,332	998,575	670,795	30,454	200,294	15,432	19,362	1,254,250	58,756
South Wolo	1,811,631	1,983,822	795,254	56,193	405,213	38,199	*	1,700,690	120,887
North Shewa	1,172,154	1,069,807	822,108	22,026	303,991	11,718	*	1,256,863	51,220
East Gojam	1,715,369	1,490,744	537,688	58,835	280,711	9,037	-	878,497	163,581
West Gojam	1,800,917	952,074	321,470	*	181,096	15,615	-	1,786,462	148,378
Waghamera	340,377	151,084	560,528	*	70,515	3,030	-	356,450	61,987
Awi	723,232	430,555	102,237	57,025	57,619	6,843	-	576,075	71,733
Oromia	273,159	28,223	153,201	-	22,305	*	12,508	230,829	11,940
Argoba Special Wereda	21,516	847	20,647	-	2,349	-	892	32,474	1,913
Oromia	22,453,335	9,098,255	7,439,725	1,157,906	2,395,374	185,360	255,328	13,673,006	2,829,536
West Wellega	859,614	302,500	99,096	2,270	103,668	5,473	-	985,678	275,629
East Wellega	1,029,649	310,148	203,441	*	81,697	3,116	-	730,646	363,001
Illubabor	971,571	459,176	181,058	41,351	14,931	10,177	-	971,838	600,835
Jimma	2,016,823	942,908	288,411	74,574	49,489	28,371	-	1,139,735	418,831
West Shewa	1,694,099	832,815	294,867	168,308	126,949	13,498	-	944,112	126,417
North Shewa	1,443,156	1,089,079	205,125	113,687	198,267	8,763	-	564,403	62,703
East Shewa	1,130,386	521,654	522,058	17,222	262,517	9,031	*	745,769	18,810
Arsi	2,889,454	1,623,352	698,428	271,017	403,445	29,561	*	1,353,561	103,682
West Harerghe	1,280,307	239,263	867,453	*	183,056	2,694	*	987,817	68,539
East Harerghe	1,456,630	320,465	1,240,898	*	249,960	*	*	1,093,529	70,163
Bale	1,176,111	272,011	668,965	56,421	169,645	15,960	28,177	401,622	112,981
Borena	1,398,186	305,950	936,602	*	83,953	4,063	41,647	669,106	72,237
South West Shewa	745,428	170,349	184,973	31,802	111,839	6,260	-	481,878	58,567
Guji	1,608,639	539,508	524,665	163,699	88,242	29,418	29,585	819,031	218,880
West Arsi	1,774,673	757,215	308,826	170,036	191,027	7,269	-	700,740	76,311
Kelem Wellega	406,677	206,895	100,256	*	28,346	8,203	-	725,643	70,205
Horoguduru Wellega	571,933	204,968	114,603	28,273	48,344	3,127	-	357,897	111,746

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Somale	620,583	1,162,743	1,374,540	-	96,670	*	241,943	77,367	*
Shinele	18,878	128,251	283,666	-	10,513	-	15,118	2,949	*
Jijiga	372,940	852,393	603,098	-	52,285	-	76,952	*	*
Liben	228,765	182,100	487,776	-	33,872	*	149,873	65,748	*
Benshangul-Gumuz	411,998	84,418	321,603	*	48,789	687	-	774,112	199,817
Metekel	289,607	50,832	132,163	*	23,300	424	-	375,646	95,797
Asosa	62,302	13,040	120,119	-	18,062	*	-	203,440	61,207
Kemeshi	21,890	8,476	54,966	-	4,480	*	-	116,152	*
Pawe Special	21,968	1,515	2,088	-	475	*	-	30,049	808
Mao Komo	16,231	10,554	12,267	-	2,473	*	-	48,824	30,532
SNNP	9,263,223	3,838,757	2,626,611	325,972	351,126	55,254	*	6,707,186	775,037
Gurage	992,596	383,868	153,119	60,019	56,665	2,169	-	537,012	45,425
Hadiya	635,713	239,307	95,388	22,941	46,558	4,725	-	572,953	34,684
Kembata Tembaro	281,432	96,030	38,212	4,217	18,208	793	-	240,710	17,259
Sidama	1,721,341	457,465	228,941	57,643	54,066	*	-	725,540	44,492
Gedio	129,621	190,191	10,165	24,278	1,793	4,157	-	174,927	66,015
Wolayita	735,392	176,736	102,332	*	25,196	2,758	-	524,281	14,749
South Omo	820,906	406,745	912,889	18,972	7,831	5,858	*	558,996	101,260
Shaka	90,578	66,628	10,900	3,434	2,781	478	-	112,944	79,441
Kaffa	874,370	493,823	163,643	52,935	*	11,278	-	796,171	150,299
Gamo Gofa	1,026,047	433,400	183,439	22,648	17,386	8,705	-	661,174	40,286
Bench Maji	425,003	182,234	100,654	11,357	*	1,818	-	609,464	59,546
Yem Sp. Wereda	67,894	29,276	22,998	566	2,877	*	-	26,771	7,447
Amaro Sp. Wereda	118,272	35,506	73,770	2,991	2,094	1,152	-	55,146	5,016
Burji Sp. Wereda	40,268	3,316	25,444	*	3,974	*	-	23,001	1,158
Konso Sp. Wereda	140,257	135,244	205,337	-	5,989	-	-	147,085	26,518
Derashe Sp. Wereda	63,226	23,076	63,130	*	10,359	*	-	104,885	6,038
Dawro	329,262	107,924	56,809	5,160	2,179	5,080	-	170,565	11,949
Basketo Sp. Wereda	37,279	15,752	8,899	234	379	655	-	37,975	5,083
Konta Sp. Wereda	71,865	18,578	12,161	1,041	*	526	-	55,522	*
Silte	508,295	291,029	94,919	29,410	61,412	3,714	-	459,002	23,280
Alaba Sp. Wereda	153,604	52,630	63,463	3,163	27,929	615	-	113,062	4,554
Gambela region	130,015	17,825	31,821	*	*	*	-	202,105	89,667
Agnuwak	12,830	600	8,979	-	*	-	-	116,068	*
Nuware	78,700	5,582	17,766	-	-	-	-	8,326	-
Mezhenger	18,743	9,913	1,892	*	*	*	-	46,851	32,963
Itang Special	19,742	*	3,185	-	-	-	-	30,860	-
Harari	44,199	4,133	36,322	-	8,736	-	*	33,362	852
Hundene	44,199	4,133	36,322	-	8,736	-	*	33,362	852
Dire Dawa	48,812	43,176	122,005	-	13,129	-	5,497	48,102	890

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	49,297,898	2,097,974	1,936,052	3,565,946	13,538,543	808,069	2,229,812	2,175,552	4,546,485	17,700,509	698,955
Tigray	3,103,468	138,030	118,322	210,308	907,580	92,185	169,341	137,677	265,877	1,002,646	61,502
North West Tigray	849,267	38,507	38,545	58,653	205,709	30,840	49,327	45,518	81,517	273,770	26,881
Central Tigray	751,771	20,969	20,401	46,085	278,131	16,878	32,540	30,052	60,968	238,378	7,369
Eastern Tigray	361,073	19,476	15,059	26,412	108,003	7,519	20,669	12,728	27,064	121,454	2,689
Southern Tigray	673,206	31,095	23,582	44,634	216,971	24,781	34,425	25,164	54,105	206,885	11,565
Western Tigray	468,150	27,984	20,736	34,524	98,766	12,167	32,380	24,214	42,223	162,159	12,998
Afar	473,270	28,253	17,177	17,802	31,729	1,132	44,128	38,537	60,131	223,825	10,556
Zone 1	255,225	13,167	8,950	9,280	19,260	*	20,419	20,791	27,858	125,558	*
Zone 3	218,045	15,086	8,227	8,523	12,470	*	23,709	17,746	32,273	98,266	*
Amhara	12,748,995	466,750	400,581	918,785	4,405,574	338,083	510,387	434,217	1,006,688	4,067,588	200,342
North Gonder	2,407,544	105,734	98,856	182,045	679,797	53,704	130,845	115,463	219,263	787,866	33,970
South Gonder	1,326,764	49,157	30,642	105,557	450,682	49,675	45,231	26,910	110,336	426,603	31,972
North Wolo	1,156,332	47,974	30,432	81,174	379,037	16,664	57,967	32,625	94,245	399,572	16,642
South Wolo	1,811,631	70,165	64,781	133,992	664,320	19,804	73,216	68,718	142,814	562,866	10,955
North Shewa	1,172,154	34,376	27,328	79,193	527,657	45,413	25,736	27,938	67,810	327,776	8,926
East Gojam	1,715,369	45,236	46,901	110,275	650,344	76,010	57,633	59,697	121,410	515,183	32,679
West Gojam	1,800,917	54,652	56,582	129,006	653,295	52,546	52,562	58,401	141,147	566,652	36,074
Waghamera	340,377	19,050	10,897	18,319	101,296	6,369	21,046	11,078	23,934	121,904	6,484
Awi	723,232	25,749	23,676	57,966	207,893	13,488	29,011	23,954	65,036	257,957	18,502
Oromia	273,159	13,553	10,005	19,603	83,810	4,288	15,923	8,738	18,956	94,256	4,027
Argoba S. W.	21,516	1,103	480	1,655	7,443	123	1,216	696	1,737	6,953	111
Oromia	22,453,335	963,008	948,712	1,727,554	6,090,431	324,506	952,814	1,002,754	2,127,217	8,012,538	303,802
West Wellega	859,614	26,205	36,792	68,879	248,803	3,838	27,741	38,574	79,733	323,449	5,601
East Wellega	1,029,649	38,652	49,860	86,702	295,309	19,260	38,850	50,384	92,519	336,434	21,677
Illubabor	971,571	47,429	51,976	67,618	262,139	3,551	44,747	49,652	88,266	347,984	8,208
Jimma	2,016,823	76,858	72,590	149,351	629,048	3,999	61,004	82,077	211,952	722,249	7,695
West Shewa	1,694,099	49,730	57,588	133,127	533,436	49,012	55,588	64,280	141,986	582,125	27,227
North Shewa	1,443,156	53,977	49,196	102,054	464,243	49,633	57,075	48,810	124,159	460,241	33,769
East Shewa	1,130,386	36,220	39,077	65,305	397,985	49,892	39,297	45,314	78,608	363,012	15,678
Arsi	2,889,454	126,257	104,249	223,369	889,150	63,338	121,421	110,992	249,820	940,903	59,956
West Harerghe	1,280,307	71,586	60,981	111,672	331,187	*	65,383	50,860	130,813	445,006	10,181
East Harerghe	1,456,630	95,970	81,103	147,992	246,603	-	76,305	75,390	174,992	540,906	17,371
Bale	1,176,111	36,646	52,752	75,067	356,059	8,717	48,731	60,553	97,280	425,523	14,783
Borena	1,398,186	71,257	73,189	97,037	197,932	*	74,460	93,867	169,329	599,169	16,467
South West Shewa	745,428	15,877	18,451	57,792	282,928	32,830	19,733	19,792	65,011	221,477	11,538
Guji	1,608,639	101,874	77,310	127,208	287,275	4,889	97,366	78,925	160,188	656,869	16,736
West Arsi	1,774,673	90,649	74,887	135,578	368,483	12,308	95,483	82,803	176,272	710,081	28,130
Kelem Wellega	406,677	11,664	20,626	30,141	129,194	3,926	14,532	21,279	36,696	136,256	2,362
Horogoduru Wellega	571,933	12,158	28,086	48,661	170,656	11,197	15,100	29,202	49,595	200,854	6,425

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	620,583	39,012	35,428	33,710	91,059	724	45,170	37,960	57,568	275,522	4,432
Shinele	18,878	1,164	1,012	1,732	2,435	*	1,134	714	2,172	8,220	248
Jijiga	372,940	23,339	20,140	19,968	72,022	*	27,771	22,322	32,533	152,755	*
Liben	228,765	14,509	14,277	12,010	16,601	*	16,265	14,924	22,863	114,546	2,573
Benshangul-Gumuz	411,998	17,245	18,025	32,185	104,331	9,346	20,240	23,717	39,037	140,893	6,979
Metekel	289,607	13,070	13,098	22,446	70,312	8,902	15,495	17,330	26,042	96,938	5,973
Asosa	62,302	1,692	2,377	4,962	18,780	*	1,871	3,080	5,654	23,243	582
Kemeshi	21,890	773	897	1,414	4,816	*	1,298	1,306	3,425	7,876	*
Pawe Special	21,968	901	862	1,861	6,583	297	886	948	2,401	6,888	341
Mao Komo	16,231	809	790	1,501	3,840	*	691	1,054	1,515	5,948	*
SNNP	9,263,223	432,700	386,094	605,605	1,882,503	41,227	472,772	485,629	962,894	3,886,776	107,024
Gurage	992,596	38,302	36,237	63,779	149,311	*	42,418	45,079	119,599	475,278	19,325
Hadiya	635,713	25,126	21,575	48,209	174,965	*	27,755	26,229	57,215	248,494	4,207
Kembata Tembaro	281,432	10,391	10,965	18,488	67,161	640	10,435	11,837	27,282	121,023	3,210
Sidama	1,721,341	90,738	77,916	109,972	124,622	*	106,628	106,073	224,694	855,107	24,750
Gedio	129,621	3,390	6,303	9,942	40,624	*	5,181	4,769	8,859	49,708	*
Wolayita	735,392	30,660	40,113	48,174	151,054	*	33,719	39,687	63,679	321,238	6,858
South Omo	820,906	47,794	33,418	53,681	159,171	*	52,894	46,389	88,815	304,253	*
Shaka	90,578	6,018	5,442	7,035	17,397	-	5,091	5,138	8,531	35,644	*
Kaffa	874,370	51,989	37,988	51,940	201,599	3,091	56,134	45,404	93,825	324,697	*
Gamo Gofa	1,026,047	45,421	42,719	71,515	250,849	6,348	47,058	56,930	95,772	403,607	5,828
Bench Maji	425,003	25,092	17,765	25,051	101,138	*	24,893	23,717	37,226	165,550	2,769
Yem Sp. Wereda	67,894	1,517	2,129	4,044	22,001	*	1,334	2,304	5,352	28,829	180
Amaro Sp. Wereda	118,272	4,136	4,433	6,631	35,416	*	4,639	4,804	11,760	45,705	644
Burji Sp. Wereda	40,268	1,505	1,089	2,067	17,210	565	1,242	1,117	2,366	12,638	469
Konso Sp. Wereda	140,257	8,357	3,551	10,336	40,060	2,137	7,000	6,002	13,098	48,518	1,198
Derashe Sp. Wereda	63,226	2,080	1,293	5,190	27,016	*	2,332	1,857	3,613	18,906	*
Dawro	329,262	15,307	15,821	22,326	70,700	*	18,618	20,522	31,141	133,111	999
Basketo Sp. Wereda	37,279	1,421	1,383	3,175	10,420	*	1,857	1,570	4,012	12,848	*
Konta Sp. Wereda	71,865	3,257	4,183	5,394	17,314	*	3,521	4,406	6,545	26,583	*
Silte	508,295	14,887	15,553	29,823	154,618	4,628	15,253	23,740	46,939	198,556	4,297
Alaba Sp. Wereda	153,604	5,314	6,218	8,835	49,855	1,013	4,768	8,057	12,571	56,482	*
Gambela Region	130,015	7,487	6,823	8,931	13,495	867	9,301	9,700	15,520	54,553	3,340
Angnuwak	12,830	459	631	973	5,140	*	542	589	596	3,692	195
Nuware	78,700	4,019	3,723	5,740	5,836	823	6,486	6,867	10,853	31,945	2,408
Mezhenger	18,743	1,656	1,862	1,136	959	-	1,048	1,455	2,174	8,222	231
Itang Special	19,742	*	608	1,082	*	*	1,225	788	1,896	*	*
Harari	44,199	2,650	2,457	4,596	6,184	-	2,389	2,453	5,240	17,778	452
Hundene	44,199	2,650	2,457	4,596	6,184	-	2,389	2,453	5,240	17,778	452
Dire Dawa	48,812	2,840	2,432	6,470	5,658	-	3,272	2,908	6,313	18,392	526

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	25,017,218	2,998,318	1,068,466	922,561	1,670,468	3,154,641	1,428,336	1,740,246	12,034,180
Tigray	1,376,961	142,138	70,776	44,361	86,999	139,293	109,458	119,552	664,384
North West Tigray	139,570	13,838	6,778	4,782	11,921	14,056	13,182	15,005	60,008
Central Tigray	360,808	37,375	21,983	12,103	25,358	36,755	27,746	33,034	166,454
Eastern Tigray	572,819	63,719	28,968	16,331	27,114	55,089	42,707	41,307	297,583
Southern Tigray	260,064	19,621	11,087	9,916	20,950	26,685	23,469	27,189	121,147
Western Tigray	43,700	7,585	*	*	*	*	*	3,017	19,192
Afar	403,255	32,983	17,881	16,754	27,282	48,296	38,420	45,851	175,788
Zone 1	199,120	16,265	10,158	8,449	16,336	19,855	18,466	24,580	85,010
Zone 3	204,135	16,718	7,723	8,305	10,946	28,441	19,954	21,271	90,778
Amhara	8,987,694	991,887	345,176	336,431	658,013	1,022,093	420,158	523,763	4,690,173
North Gonder	979,800	123,925	32,066	28,245	58,800	136,875	55,256	56,901	487,732
South Gonder	902,162	141,670	25,966	18,641	27,379	150,708	35,066	45,045	457,687
North Wolo	998,575	64,990	34,888	47,802	90,562	65,471	56,462	75,588	562,812
South Wolo	1,983,822	119,368	108,787	130,305	252,692	140,529	93,907	123,241	1,014,993
North Shewa	1,069,807	95,314	40,994	50,583	99,528	103,187	48,457	69,961	561,784
East Gojam	1,490,744	218,349	36,311	21,235	54,591	198,748	52,587	68,574	840,350
West Gojam	952,074	143,399	41,142	21,957	39,290	145,861	46,323	55,090	459,012
Waghamera	151,084	14,557	7,732	5,147	15,271	17,633	9,251	8,175	73,318
Awi	430,555	68,138	12,633	9,088	15,966	61,121	21,801	18,722	223,086
Oromia	28,223	2,081	4,609	3,274	3,773	1,909	1,048	2,431	9,098
Argoba Special	847	95	49	154	160	49	-	*	303
Oromia	9,098,255	1,256,236	383,671	285,522	445,490	1,354,430	531,567	601,729	4,239,611
West Wellega	302,500	48,688	16,385	7,828	14,079	46,333	21,544	20,671	126,973
East Wellega	310,148	48,609	17,487	10,439	9,441	53,424	18,916	24,102	127,730
Illubabor	459,176	70,122	17,224	12,562	14,530	74,157	29,462	31,842	209,276
Jimma	942,908	147,225	37,176	30,296	26,083	162,645	40,585	46,345	452,553
West Shewa	832,815	134,932	16,136	12,720	17,539	135,062	36,869	48,699	430,857
North Shewa	1,089,079	150,034	34,714	20,804	72,974	158,951	45,769	56,595	549,238
East Shewa	521,654	56,686	22,697	20,891	37,851	57,709	40,121	47,168	238,531
Arsi	1,623,352	209,240	84,198	61,591	93,171	248,452	100,612	97,126	728,961
West Harerghe	239,263	35,155	12,492	9,957	8,315	28,507	10,990	14,362	119,484
East Harerghe	320,465	32,174	17,141	19,258	23,104	40,458	21,289	28,882	138,160
Bale	272,011	32,729	16,704	*	17,106	31,473	17,651	19,498	121,214
Borena	305,950	25,884	16,295	11,365	27,562	30,608	25,048	28,088	141,100
South West Shewa	170,349	24,541	5,523	6,221	9,080	23,926	8,353	13,627	79,078
Guji	539,508	59,379	26,159	17,676	39,326	69,635	39,161	43,166	245,007
West Arsi	757,215	113,890	27,010	19,216	23,667	121,282	49,191	47,365	355,595
Kelem Wellega	206,895	33,602	8,291	4,684	5,661	34,826	14,190	16,793	88,849
Horoguduru Wellega	204,968	33,346	8,039	4,378	6,001	36,982	11,817	17,398	87,007

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	1,162,743	94,022	72,023	84,835	207,398	100,277	83,209	104,040	416,940
Shinele	128,251	8,995	8,163	6,278	10,619	11,567	10,739	13,143	58,746
Jijiga	852,393	70,607	54,089	70,070	176,972	73,165	59,649	73,282	274,559
Liben	182,100	14,419	9,771	8,488	19,807	15,545	12,821	17,616	83,634
Benshangul-Gumuz	84,418	12,177	4,451	2,390	4,560	13,946	4,836	5,389	36,670
Metekel	50,832	7,386	2,564	1,741	2,868	8,451	2,528	2,974	22,320
Asosa	13,040	2,115	656	*	748	2,095	789	858	5,653
Kemeshi	8,476	911	664	*	424	1,113	648	366	4,132
Pawe Special	1,515	192	*	60	56	160	132	154	694
Mao komo	10,554	1,573	500	245	463	2,127	739	1,038	3,870
SNNP	3,838,757	461,652	170,641	148,172	237,284	469,720	236,288	333,215	1,781,786
Gurage	383,868	54,771	11,836	11,005	12,892	45,639	18,358	31,991	197,377
Hadiya	239,307	30,093	12,463	7,389	6,034	31,934	17,589	18,263	115,542
Kembata Tembaro	96,030	10,999	4,987	5,877	6,555	10,116	6,568	8,001	42,927
Sidama	457,465	53,064	17,823	*	30,787	57,657	33,022	48,040	201,076
Gedio	190,191	26,326	13,682	9,561	7,810	20,957	12,463	15,719	83,674
Wolayita	176,736	17,150	9,838	10,177	9,337	21,532	15,283	17,259	76,160
South Omo	406,745	35,106	20,282	24,572	41,831	42,501	28,741	43,154	170,559
Shaka	66,628	11,148	3,189	1,231	2,512	10,369	4,062	4,103	30,013
Kaffa	493,823	74,416	20,394	12,978	17,600	77,541	22,724	24,619	243,550
Gamo Gofa	433,400	37,830	18,743	14,457	31,735	41,356	28,240	47,094	213,944
Bench Maji	182,234	24,352	5,773	5,421	9,937	21,546	12,284	13,927	88,994
Yem Sp. Wereda	29,276	4,045	1,184	626	581	4,619	1,886	1,799	14,537
Amaro Sp. Wereda	35,506	3,370	1,030	*	3,763	4,049	1,811	2,393	17,467
Burji Sp. Wereda	3,316	*	*	*	489	278	131	331	1,570
Konso Sp. Wereda	135,244	6,991	6,944	8,359	30,110	11,297	6,914	13,233	51,398
Derashe Sp. Wereda	23,076	1,872	1,188	882	4,164	1,923	1,021	1,576	10,451
Dawro	107,924	14,878	7,208	5,242	2,362	14,266	7,625	16,532	39,812
Basketo Sp. Wereda	15,752	1,645	537	568	670	2,484	1,149	1,173	7,526
Konta Sp. Wereda	18,578	3,200	1,498	2,294	1,203	2,191	727	1,296	6,169
Silte	291,029	41,855	10,058	8,696	14,920	38,981	12,932	20,586	143,000
Alaba Sp. Wereda	52,630	8,244	1,899	1,084	1,992	8,483	2,760	2,124	26,045
Gambela Region	17,825	2,888	1,045	916	1,051	2,744	1,410	1,088	6,683
Angnuwak	600	*	*	*	98	*	*	*	180
Nuware	5,582	1,154	242	264	249	873	*	512	1,642
Mezhenger	9,913	1,559	709	441	583	1,675	610	388	3,950
Itang Special	*	*	*	*	*	*	*	*	*
Harari	4,133	467	186	423	519	282	207	380	1,669
Hundene	4,133	467	186	423	519	282	207	380	1,669
Dire Dawa	43,176	3,870	2,617	2,758	1,874	3,560	2,783	5,239	20,476

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	21,884,222	2,554,431	1,136,087	1,053,294	1,857,015	2,724,848	1,563,229	1,895,820	9,099,499
Tigray	3,107,994	304,488	169,892	159,443	265,870	347,698	268,718	307,468	1,284,417
North West Tigray	1,018,434	96,898	54,279	50,724	87,300	121,611	98,682	116,085	392,854
Central Tigray	1,234,652	106,648	74,146	75,536	120,139	123,927	99,774	112,746	521,735
Eastern Tigray	229,345	25,169	10,804	6,076	16,379	24,391	21,515	14,428	110,585
Southern Tigray	326,291	33,875	14,381	13,526	23,954	36,019	24,792	35,531	144,213
Western Tigray	299,271	41,898	16,282	13,581	18,098	41,751	23,954	28,678	115,030
Afar	801,497	59,081	34,006	29,869	49,495	94,231	71,330	98,762	364,723
Zone 1	375,208	26,735	15,700	13,450	27,171	40,344	34,699	41,337	175,772
Zone 3	426,289	32,346	18,306	16,418	22,324	53,887	36,631	57,426	188,952
Amhara	6,022,105	753,174	297,447	295,899	597,384	794,675	367,408	436,289	2,479,829
North Gonder	1,382,656	192,186	74,065	49,636	111,737	211,515	92,153	89,752	561,612
South Gonder	655,519	96,938	27,187	29,606	49,960	103,371	29,657	36,679	282,121
North Wolo	670,795	73,946	24,454	43,318	61,176	64,815	47,537	50,851	304,698
South Wolo	795,254	78,325	47,723	51,253	85,492	75,201	51,166	81,961	324,133
North Shewa	822,108	96,408	50,128	53,389	132,036	95,910	33,237	56,262	304,737
East Gojam	537,688	73,327	24,163	*	55,656	81,850	*	50,574	183,422
West Gojam	321,470	56,958	13,182	9,834	18,998	58,326	19,859	14,042	130,270
Waghamera	560,528	48,573	23,266	24,262	57,718	62,611	35,366	41,815	266,917
Awi	102,237	13,478	3,864	4,779	11,809	21,033	3,129	5,057	39,088
Oromia	153,201	20,202	8,416	4,975	10,534	17,462	9,196	7,991	74,424
Argoba Special	20,647	2,832	1,000	1,278	2,268	2,582	977	1,305	8,406
Oromia	7,439,725	992,954	388,274	323,128	477,448	981,073	525,246	610,901	3,140,700
West Wellega	99,096	17,481	3,596	3,228	2,194	14,536	9,466	6,418	42,176
East Wellega	203,441	36,474	10,801	6,780	9,473	37,817	12,803	11,918	77,375
Illubabor	181,058	30,905	11,862	5,758	7,524	28,687	13,595	13,044	69,683
Jimma	288,411	44,450	14,369	9,435	10,790	44,529	14,239	21,991	128,609
West Shewa	294,867	49,457	19,645	8,898	16,620	48,192	17,533	23,377	111,145
North Shewa	205,125	32,231	7,933	8,784	20,082	34,409	12,625	9,106	79,955
East Shewa	522,058	57,419	27,280	17,652	41,651	67,009	42,670	42,663	225,715
Arsi	698,428	100,120	36,760	30,978	44,499	101,211	40,693	52,023	292,143
West Harerghe	867,453	109,445	38,996	42,461	56,722	119,329	62,809	57,577	380,115
East Harerghe	1,240,898	150,361	77,630	73,307	84,522	120,574	87,113	121,214	526,176
Bale	668,965	82,012	32,314	22,161	30,716	86,460	44,551	41,065	329,685
Borena	936,602	83,584	44,395	39,912	82,832	107,809	87,159	110,912	379,999
South West Shewa	184,973	31,683	9,854	8,331	14,208	27,344	10,696	11,934	70,922
Guji	524,665	73,875	29,387	27,891	41,842	61,035	32,116	44,866	213,654
West Arsi	308,826	51,245	15,550	11,007	8,325	41,660	22,413	24,709	133,917
Kelem Wellega	100,256	20,836	3,749	3,033	1,009	19,272	7,499	9,566	35,292
Horoguduru Wellega	114,603	21,374	4,154	3,514	4,437	21,199	7,267	8,518	44,139

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	1,374,540	104,850	82,065	79,620	176,637	127,530	115,387	129,962	558,489
Shinele	283,666	19,931	17,986	17,789	25,386	25,116	27,320	33,140	116,998
Jijiga	603,098	51,199	39,685	39,498	102,719	57,830	45,130	48,784	218,254
Liben	487,776	33,721	24,394	22,333	48,532	44,585	42,937	48,037	223,236
Benshangul-Gumuz	321,603	38,524	17,320	13,983	19,115	46,814	29,946	26,836	129,065
Metekel	132,163	16,684	7,427	7,996	7,828	18,817	11,928	11,461	50,020
Asosa	120,119	13,892	5,582	3,347	7,574	17,706	11,849	9,926	50,243
Kemeshi	54,966	5,869	3,563	2,226	3,419	7,699	4,987	3,840	23,364
Pawe Special	2,088	306	200	102	90	277	155	210	748
Mao Komo	12,267	1,774	548	312	204	2,315	1,026	1,400	4,689
SNNP	2,626,611	282,286	137,218	141,862	258,559	312,055	171,486	263,536	1,059,609
Gurage	153,119	20,390	8,335	7,512	5,809	19,889	8,816	10,517	71,852
Hadiya	95,388	13,607	6,388	2,813	5,491	14,130	4,152	8,966	39,842
Kembata Tembaro	38,212	5,499	2,620	1,104	1,257	6,110	1,871	3,272	16,479
Sidama	228,941	32,554	9,801	11,262	26,563	29,100	8,792	12,487	98,382
Gedio	10,165	*	*	*	*	*	*	*	4,068
Wolayita	102,332	12,103	5,638	3,974	*	14,097	7,627	11,663	42,554
South Omo	912,889	61,881	47,843	69,083	121,865	81,675	72,606	129,656	328,279
Shaka	10,900	1,452	605	400	648	1,772	493	413	5,117
Kaffa	163,643	25,173	6,959	3,782	3,632	30,209	11,305	11,401	71,180
Gamo Gofa	183,439	25,078	10,123	6,827	9,787	24,692	10,829	16,533	79,571
Bench Maji	100,654	11,323	6,114	3,084	6,637	12,985	7,467	7,553	45,493
Yem Sp. Wereda	22,998	4,095	869	477	480	3,645	1,065	1,449	10,918
Amaro Sp. Wereda	73,770	7,774	3,282	3,378	9,082	7,959	5,322	5,823	31,149
Burji Sp. Wereda	25,444	3,003	1,139	1,045	3,646	2,545	975	1,372	11,719
Konso Sp. Wereda	205,337	14,068	11,200	15,532	38,126	17,761	12,770	20,252	75,628
Derashe Sp. Wereda	63,130	5,336	3,494	2,958	10,058	6,297	3,669	3,094	28,225
Dawro	56,809	9,110	4,742	2,850	1,256	8,897	3,265	7,484	19,205
Basketo Sp. Wereda	8,899	930	451	283	*	1,281	*	*	4,127
Konta Sp. Wereda	12,161	1,970	830	465	699	1,470	1,195	1,298	4,235
Silte	94,919	17,060	3,153	3,374	5,265	14,827	4,377	5,461	41,402
Alaba Sp. Wereda	63,463	8,428	2,765	1,170	2,587	10,992	3,470	3,868	30,184
Gambela Region	31,821	3,875	2,113	1,723	1,935	4,542	2,679	3,155	11,800
Angnuwak	8,979	975	626	433	622	1,148	751	899	3,525
Nuware	17,766	2,267	1,106	992	861	2,535	1,596	1,976	6,433
Mezhenger	1,892	261	*	255	*	272	*	153	432
Itang Special	3,185	*	196	*	*	586	237	128	1,409
Harari	36,322	3,775	2,535	2,068	2,649	3,767	2,178	4,054	15,295
Hundene	36,322	3,775	2,535	2,068	2,649	3,767	2,178	4,054	15,295
Dire Dawa	122,005	11,424	5,217	5,700	7,924	12,462	8,852	14,855	55,571

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	1,787,211	165,450	715,885	163,585	742,292	5,421,895	588,004	1,964,280	568,306	2,301,305
Tigray	5,427	*	2,312	*	*	463,492	52,052	200,776	46,958	163,706
North West Tigray	-	-	-	-	-	86,697	10,380	33,702	7,438	35,178
Central Tigray	-	-	-	-	-	141,815	16,096	53,822	17,043	54,854
Eastern Tigray	*	-	*	-	-	79,210	8,851	35,389	8,872	26,098
Southern Tigray	*	*	*	*	*	123,099	15,011	52,590	12,258	43,240
Western Tigray	*	*	*	*	*	32,670	1,714	25,273	1,347	4,336
Afar	*	-	*	-	-	26,451	2,769	7,338	3,438	12,906
Zone 1	*	-	*	-	-	13,519	1,324	4,430	1,622	6,144
Zone 3	-	-	-	-	-	12,932	1,445	2,908	1,816	6,763
Amhara	296,372	20,566	108,957	25,729	141,120	2,017,935	242,339	629,497	252,492	893,607
North Gonder	31,456	*	8,810	5,731	14,491	272,655	31,760	108,953	28,895	103,047
South Gonder	17,802	*	8,667	*	6,987	221,188	30,693	35,987	37,170	117,337
North Wolo	30,454	*	8,712	*	17,307	200,294	25,101	55,163	26,478	93,552
South Wolo	56,193	3,946	13,894	2,879	35,474	405,213	45,329	132,373	43,498	184,013
North Shewa	22,026	2,605	4,675	3,009	11,738	303,991	32,725	115,394	36,304	119,569
East Gojam	58,835	4,447	27,194	4,049	23,145	280,711	34,377	76,903	35,353	134,078
West Gojam	*	2,045	*	*	*	181,096	23,254	57,612	26,887	73,344
Waghamera	*	-	-	-	*	70,515	8,454	23,693	7,607	30,760
Awi	57,025	3,303	29,363	4,129	20,230	57,619	8,749	17,714	7,635	23,522
Oromia	-	-	-	-	-	22,305	1,558	5,009	2,394	13,344
Argoba Special	-	-	-	-	-	2,349	339	697	271	1,041
Oromia	1,157,906	121,749	457,756	109,523	468,878	2,395,374	256,387	896,086	228,310	1,014,591
West Wellega	2,270	*	*	-	1,313	103,668	14,089	30,586	11,564	47,429
East Wellega	*	*	*	*	*	81,697	8,162	23,855	11,957	37,723
Illubabor	41,351	6,383	10,031	3,885	21,051	14,931	1,864	5,195	2,154	5,718
Jimma	74,574	7,568	27,027	8,767	31,212	49,489	2,624	31,959	*	13,333
West Shewa	168,308	18,198	75,727	16,144	58,240	126,949	20,235	36,962	16,691	53,061
North Shewa	113,687	13,586	33,668	11,890	54,543	198,267	24,295	57,989	22,984	92,998
East Shewa	17,222	*	13,449	*	*	262,517	22,151	121,093	19,127	100,146
Arsi	271,017	35,245	87,035	24,518	124,219	403,445	39,967	139,291	39,911	184,275
West Harerghe	*	-	-	*	*	183,056	23,804	67,241	17,678	74,333
East Harerghe	*	-	*	*	-	249,960	27,094	96,745	23,507	102,613
Bale	56,421	*	30,351	*	*	169,645	16,343	69,920	13,312	70,069
Borena	*	-	*	-	-	83,953	7,366	36,773	5,235	34,579
South West Shewa	31,802	2,510	17,942	1,765	9,585	111,839	13,186	46,710	9,310	42,633
Guji	163,699	11,947	70,044	16,379	65,329	88,242	10,765	37,833	6,491	33,152
West Arsi	170,036	17,485	73,017	16,963	62,572	191,027	17,279	65,538	18,178	90,031
Kelem Wellega	*	*	*	*	*	28,346	2,693	14,147	2,295	9,211
Horoguduru Wellega	28,273	2,654	11,791	3,262	10,565	48,344	4,467	14,248	6,342	23,287

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						96,670	8,869	49,582	5,539	32,678
Shinele						10,513	834	4,992	765	3,922
Jijiga						52,285	5,160	28,737	2,612	15,775
Liben						33,872	2,875	15,854	2,162	12,981
Benshangul-Gumuz	*	*	*	*	*	48,789	4,128	26,004	4,364	14,293
Metekel	*	*	*	*	*	23,300	1,177	15,743	1,083	5,297
Asosa						18,062	2,311	6,181	2,625	6,946
Kemeshi						4,480	309	2,975	*	941
Pawe Specila						475	60	235	*	109
Mao Komo						2,473	272	870	331	1,000
SNNP	325,972	22,585	146,222	27,214	129,952	351,126	19,250	146,272	24,484	161,120
Gurage	60,019	3,224	19,335	6,902	30,558	56,665	2,750	26,157	2,426	25,332
Hadiya	22,941	1,623	7,998	2,038	11,283	46,558	2,740	14,271	5,046	24,500
Kembata Tembaro	4,217	454	2,009	-	1,755	18,208	*	12,264	1,194	4,308
Sidama	57,643	2,055	40,037	1,570	13,981	54,066	*	24,982	5,035	*
Gedio	24,278	*	12,754	*	8,213	1,793	-	1,793	-	-
Wolayita	*	-	*	*	*	25,196	*	17,598	*	6,268
South Omo	18,972	*	8,663	1,717	7,717	7,831	*	2,359	*	4,248
Shaka	3,434	*	2,523	*	529	2,781	*	2,604	*	*
Kaffa	52,935	5,149	26,540	5,236	16,010	*	-	*	-	*
Gamo Gofa	22,648	3,267	7,332	3,348	8,701	17,386	*	5,473	1,609	8,708
Bench Maji	11,357	1,595	2,820	1,232	5,710	*	-	*	-	-
Yem Sp. Wereda	566	*	*	*	359	2,877	257	746	286	1,589
Amaro Sp. Wereda	2,991	*	740	*	1,835	2,094	*	813	*	963
Burji Sp. Wereda	*	-	-	-	*	3,974	341	1,877	314	1,442
Konso Sp. Wereda	-	-	-	-	-	5,989	403	3,003	*	2,003
Derashe Sp. Wereda	*	-	*	-	*	10,359	340	8,001	210	1,807
Dawro	5,160	*	1,785	*	2,449	2,179	372	1,171	-	636
Basketo Sp. Wereda	234	*	151	*	*	379	*	250	*	*
Konta Sp. Wereda	1,041	*	626	*	294	*	-	*	-	-
Silte	29,410	*	10,270	1,837	15,613	61,412	3,987	15,843	3,573	38,009
Alaba Sp. Wereda	3,163	*	1,160	*	1,588	27,929	2,299	4,624	2,794	18,212
Gambela Region	*	-	*	-	-	*	-	*	-	-
Angnuwak	-	-	-	-	-	*	-	*	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	-	*	-	-	*	-	*	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari										
Hundene						8,736	753	4,494	650	2,838
Dire Dawa						8,736	753	4,494	650	2,838

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	373,519	17,711	168,528	21,306	165,974	759,696	78,757	199,694	117,118	364,127
Tigray	7,694	*	3,483	*	3,888	32,552	*	25,089	*	*
North West Tigray	965	-	*	-	*	10,334	*	8,507	*	*
Central Tigray	*	-	*	-	*	5,197	-	4,968	-	*
Eastern Tigray	*	-	*	-	*	*	-	*	-	-
Southern Tigray	3,868	-	*	*	2,449	14,714	*	9,307	*	*
Western Tigray	1,212	*	880	*	*	1,282	-	1,282	-	-
Afar	*	-	*	-	-	171,514	13,764	25,475	27,269	105,006
Zone 1	-	-	-	-	-	47,312	3,639	15,048	6,143	22,482
Zone 3	*	-	*	-	-	124,202	10,125	10,427	21,126	82,524
Amhara	124,415	8,749	50,280	8,209	57,177	50,506	2,994	47,005	-	*
North Gondar	13,612	*	6,505	*	6,394	*	-	*	-	-
South Gondar	10,674	*	5,407	*	4,277	-	-	-	-	-
North Wolo	15,432	*	5,420	*	9,006	19,362	*	18,696	-	-
South Wolo	38,199	3,302	11,481	4,455	18,962	*	-	*	-	*
North Shewa	11,718	*	5,538	*	4,565	*	-	*	-	-
East Gojam	9,037	*	3,350	*	4,426	-	-	-	-	-
West Gojam	15,615	*	6,917	*	6,759	-	-	-	-	-
Waghamera	3,030	-	1,149	-	1,881	-	-	-	-	-
Awi	6,843	1,495	4,259	*	*	-	-	-	-	-
Oromia	*	-	*	-	-	12,508	2,253	10,255	-	-
Argoba Special	-	-	-	-	-	892	74	817	-	-
Oromia	185,360	5,419	85,779	10,959	83,204	255,328	30,936	43,085	48,868	132,439
West Wellega	5,473	-	2,488	*	2,775	-	-	-	-	-
East Wellega	3,116	-	*	*	2,360	-	-	-	-	-
Illubabor	10,177	*	3,798	*	5,089	-	-	-	-	-
Jimma	28,371	-	8,231	-	20,140	-	-	-	-	-
West Shewa	13,498	*	5,453	1,974	4,937	-	-	-	-	-
North Shewa	8,763	*	2,392	*	3,925	-	-	-	-	-
East Shewa	9,031	-	8,647	-	*	*	*	*	*	*
Arsi	29,561	*	13,350	2,384	13,492	*	-	-	*	*
West Harerghe	2,694	-	2,694	-	-	*	*	*	*	*
East Harerghe	*	-	-	-	*	*	9,889	*	19,466	*
Bale	15,960	-	7,203	*	8,569	28,177	3,741	*	3,796	13,708
Borena	4,063	-	3,402	-	*	41,647	5,099	11,115	6,594	18,839
South West Shewa	6,260	*	2,742	*	2,434	-	-	-	-	-
Guji	29,418	1,633	15,211	*	11,708	29,585	*	*	6,110	13,565
West Arsi	7,269	-	3,559	*	2,593	-	-	-	-	-
Kelem Wellega	8,203	*	3,884	*	2,894	-	-	-	-	-
Horoguduru Wellega	3,127	*	2,164	-	866	-	-	-	-	-

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	*	-	-	-	*	241,943	25,323	57,099	38,359	121,162
Shinele	-	-	-	-	-	15,118	1,769	4,691	2,301	6,357
Jijiga	-	-	-	-	-	76,952	6,295	29,304	10,419	30,934
Liben	*	-	-	-	*	149,873	17,259	23,104	25,639	83,871
Benshangul-Gumuz	687	-	360	-	327	-	-	-	-	-
Metekel	424	-	*	-	*	-	-	-	-	-
Asosa	*	-	*	-	*	-	-	-	-	-
Kemeshi	*	-	*	-	*	-	-	-	-	-
Pawe Special	*	-	*	-	*	-	-	-	-	-
Mao komo	*	-	*	-	*	-	-	-	-	-
SNNP	55,254	3,460	28,548	1,898	21,348	*	*	-	-	-
Gurage	2,169	-	*	-	1,904	-	-	-	-	-
Hadiya	4,725	*	1,828	-	2,679	-	-	-	-	-
Kembata Tembaro	793	*	*	-	*	-	-	-	-	-
Sidama	*	-	-	-	*	-	-	-	-	-
Gedio	4,157	-	3,608	-	549	-	-	-	-	-
Wolayita	2,758	*	*	*	*	-	-	-	-	-
South Omo	5,858	*	*	*	3,315	*	*	-	-	-
Shaka	478	-	316	-	*	-	-	-	-	-
Kaffa	11,278	1,053	7,591	-	2,634	-	-	-	-	-
Gamo Gofa	8,705	*	3,193	*	3,222	-	-	-	-	-
Bench Maji	1,818	-	*	-	957	-	-	-	-	-
Yem Sp. Wereda	*	-	-	-	*	-	-	-	-	-
Amaro Sp. Wereda	1,152	-	760	-	*	-	-	-	-	-
Burji Sp. Wereda	*	-	*	*	*	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Dawro	5,080	*	3,036	*	1,696	-	-	-	-	-
Basketo Sp. Wereda	655	*	345	-	274	-	-	-	-	-
Konta Sp. Wereda	526	-	495	-	*	-	-	-	-	-
Silte	3,714	*	1,601	*	1,640	-	-	-	-	-
Alaba Sp. Wereda	615	-	*	-	478	-	-	-	-	-
Gambela Region	*	-	*	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	-	*	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	*	*	*	*	*
Hundene	-	-	-	-	-	*	*	*	*	*
Dire Dawa	-	-	-	-	-	5,497	887	1,820	831	1,960

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	31,239,052	12,308,348	339,488	445,583	445,125	7,022,004	140,632	75,771	9,512,766	949,336	
Tigray	1,910,226	883,171	2,599	19,452	2,358	150,483	9,817	2,145	835,209	4,992	
North West Tigray	479,479	200,927	*	3,936	*	31,230	1,650	*	239,485	*	
Central Tigray	516,509	273,915	*	2,376	*	11,099	*	*	222,931	*	
Eastern Tigray	229,457	104,450	*	*	*	13,590	*	*	105,468	*	
Southern Tigray	423,856	209,596	*	*	*	84,383	*	*	115,941	*	
Western Tigray	260,925	94,284	*	3,916	*	10,181	504	*	151,384	-	
Afar	255,554	15,149	716	15,724	*	90,993	*	*	130,749	1,368	
Zone 1	144,818	11,550	*	7,287	*	53,994	*	*	70,111	941	
Zone 3	110,736	3,599	*	8,437	-	36,999	*	*	60,638	*	
Amhara	8,473,162	4,189,265	36,569	58,778	120,962	464,088	70,344	10,081	3,304,658	218,417	
North Gonder	1,467,663	622,694	3,795	*	23,872	57,140	4,525	*	683,489	40,011	
South Gonder	877,285	436,550	1,322	3,319	9,492	63,967	21,209	*	328,047	13,114	
North Wolo	778,609	365,570	*	5,493	*	80,698	9,562	*	300,568	8,368	
South Wolo	1,227,186	658,868	*	*	*	51,109	*	-	480,259	22,241	
North Shewa	855,433	492,791	9,805	*	22,216	31,586	2,220	2,973	261,770	29,227	
East Gojam	1,165,527	622,934	12,721	6,018	8,670	66,032	10,210	2,302	420,178	16,461	
West Gojam	1,219,948	611,288	5,687	4,092	32,228	46,506	5,153	*	452,135	62,128	
Waghamera	223,200	100,242	*	*	*	8,941	2,513	*	106,557	3,662	
Awi	465,850	190,709	*	4,017	12,634	39,305	5,062	*	194,704	18,382	
Oromia	178,066	80,236	-	*	1,642	18,092	*	-	70,929	4,626	
Argoba Special	14,396	7,382	*	*	*	712	*	-	6,021	197	
Oromia	14,102,969	5,492,463	177,115	231,669	189,184	3,366,601	45,861	40,172	4,253,313	306,592	
West Wellega	572,252	231,037	2,924	7,560	7,282	55,243	2,995	*	243,339	21,446	
East Wellega	631,744	269,133	1,876	11,274	13,026	89,570	*	*	227,631	10,792	
Illubabor	610,123	252,592	3,498	1,076	4,972	134,449	2,401	*	196,505	14,278	
Jimma	1,351,297	602,706	7,594	*	15,094	297,175	*	*	384,532	36,491	
West Shewa	1,115,561	497,538	7,664	12,727	15,508	200,356	*	*	363,442	14,580	
North Shewa	924,484	423,142	16,265	8,512	16,324	191,027	2,629	2,523	244,219	19,842	
East Shewa	760,997	372,333	2,395	10,402	12,855	147,593	6,053	2,173	194,324	12,869	
Arsi	1,830,053	803,695	26,198	20,275	38,981	420,066	4,745	10,000	462,348	43,744	
West Harerghe	776,193	298,751	20,897	8,895	2,645	101,788	*	*	332,612	7,507	
East Harerghe	787,508	202,539	37,159	1,530	5,374	233,226	*	*	294,024	11,881	
Bale	781,582	331,921	4,703	3,479	15,956	313,956	*	749	75,980	33,915	
Borena	797,101	104,618	7,957	75,382	*	217,383	*	6,293	366,148	8,350	
South West Shewa	504,405	271,111	2,337	3,436	6,044	99,200	*	*	107,477	12,892	
Guji	944,144	211,532	24,146	48,488	*	353,542	4,451	7,768	282,007	*	
West Arsi	1,078,564	334,846	10,283	7,763	15,591	477,225	*	*	187,971	40,544	
Kelem Wellega	265,450	123,858	*	2,623	*	16,772	*	-	116,866	*	
Horoguduru Wellega	371,510	161,110	*	4,594	4,856	18,029	1,137	838	173,887	6,963	

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	366,580	63,515	*	16,496	*	110,924	*	*	158,538	*	
Shinele	10,656	1,485	*	414	-	2,893	*	-	5,048	*	
Jijiga	224,777	58,173	*	7,373	*	56,321	*	*	93,504	*	
Liben	131,147	3,857	3,509	8,709	*	51,710	*	*	59,985	*	
Benshangul-Gumuz	245,224	100,571	1,429	1,419	912	41,711	2,849	*	92,878	3,430	
Metekel	167,250	67,520	1,329	*	*	29,146	1,371	-	64,033	2,387	
Asosa	42,023	18,442	-	*	-	6,910	1,206	-	14,762	*	
Kemeshi	12,692	4,603	*	-	*	2,394	-	-	5,393	*	
Pawe Special	13,471	6,257	*	153	155	834	192	*	5,289	563	
Mao Komo	9,788	3,748	-	91	-	2,426	79	*	3,402	*	
SNNP	5,769,280	1,548,973	107,084	95,859	130,588	2,749,522	10,578	21,118	695,924	409,634	
Gurage	624,589	119,582	5,631	9,190	14,908	325,279	1,220	*	62,581	85,352	
Hadiya	423,459	150,079	*	1,539	22,676	189,217	831	*	13,036	44,743	
Kembata Tembaro	188,185	56,056	766	900	9,439	88,635	-	*	*	31,215	
Sidama	979,729	48,930	*	25,961	11,210	635,047	*	6,075	157,179	55,174	
Gedio	90,333	8,160	30,956	*	*	22,852	-	7,328	16,265	3,263	
Wolayita	472,292	128,118	*	3,545	17,309	251,821	*	*	11,949	55,840	
South Omo	463,425	113,486	*	26568	9836	148,547	*	*	139250	13826	
Shaka	53,041	16,179	951	*	*	27,646	257	*	5,974	*	
Kaffa	526,297	188,295	3,762	*	*	235,697	1,306	*	84,789	2,755	
Gamo Gofa	654,456	225,987	4,252	9,266	11,344	293,433	*	*	73,937	34,651	
Bench Maji	266,688	99,388	1,275	*	*	130,082	*	-	27,459	7,579	
Yem Sp. Wereda	50,831	20,401	157	*	1,316	11,862	*	-	11,951	4,991	
Amaro Sp. Wereda	81,121	31,354	1,248	2,626	*	25,111	*	*	19,753	604	
Burji Sp. Wereda	29,848	15,968	137	832	273	5,188	*	*	6,632	671	
Konso Sp. Wereda	88,578	33,035	3,033	2,121	1,871	32,732	*	-	14,449	1,267	
Derashe Sp. Wereda	45,921	24,117	727	1,826	*	7,166	-	*	10,996	328	
Dawro	203,811	59,916	1,395	2,810	6,579	105,240	702	753	9,953	16,465	
Basketo Sp. Wereda	23,268	9,931	*	*	416	11,964	*	-	*	484	
Konta Sp. Wereda	43,897	16,281	458	*	418	22,702	*	*	1,218	2,510	
Silte	353,174	136,142	*	*	15,062	135,444	*	*	20,606	40,885	
Alaba Sp. Wereda	106,337	47,568	*	426	1,374	43,860	*	*	6,957	5,370	
Gambela Region	68,047	6,201	*	5,697	78	30,774	*	*	23,582	131	
Angnuwak	8,832	4,802	*	273	*	2,674	-	*	1,008	-	
Nuware	37,780	*	*	5,255	-	21,122	-	-	10,823	-	
Mezhenger	9,181	859	*	-	*	6,055	-	*	2,073	*	
Itang Special	*	*	*	169	*	922	*	*	*	*	
Harari	23,962	4,834	1,055	226	*	6,658	*	-	10,417	679	
Hundene	23,962	4,834	1,055	226	*	6,658	*	-	10,417	679	
Dire Dawa	24,050	4,207	933	263	*	10,250	*	-	7,499	612	

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	13,704,648	710,964	10,614	897,279	51,611	48,849	66,712	11,875,105	43,515
Tigray	751,383	7,107	*	75,701	2,546	1,868	7,860	652,632	2,024
North West Tigray	71,929	*	-	9,682	*	299	-	59,559	150
Central Tigray	191,812	2,074	-	23,055	*	-	-	165,995	459
Eastern Tigray	324,697	*	*	24,608	*	1,569	5,077	290,937	-
Southern Tigray	142,097	2,744	*	17,034	*	-	2,783	116,948	1,416
Western Tigray	20,848	*	-	*	-	-	-	19,192	-
Afar	203,070	2,840	*	23,937	*	1,522	3,194	169,755	1,317
Zone 1	101,346	1,248	*	14,672	*	917	579	83,194	321
Zone 3	101,724	*	-	9,266	*	605	2,616	86,561	996
Amhara	5,348,186	327,079	5,941	292,825	32,167	16,111	22,779	4,632,036	19,248
North Gonder	546,532	6,587	*	48,502	*	310	2,214	483,921	1,286
South Gonder	485,065	17,081	-	8,538	*	640	314	452,702	4,031
North Wolo	653,374	26,683	3,651	57,782	2,446	5,488	9,741	541,378	6,204
South Wolo	1,267,685	144,706	*	93,831	13,664	523	1,992	1,009,316	3,162
North Shewa	661,312	59,311	-	33,449	6,769	-	-	560,386	1,398
East Gojam	894,941	27,934	*	23,789	*	5,171	5,480	828,670	1,029
West Gojam	498,302	30,940	-	7,720	*	2,267	2,322	453,130	1,293
Waghamera	88,588	4,298	-	10,759	*	-	-	73,318	-
Awi	239,053	8,072	-	6,518	*	1,601	715	219,925	845
Oromia	12,870	1,406	-	1,886	*	111	-	8,987	-
Argoba Special	463	61	-	50	*	-	-	303	-
Oromia	4,685,101	196,102	*	238,375	9,683	15,762	22,480	4,185,948	15,421
West Wellega	141,052	2,512	-	11,567	-	551	400	125,815	208
East Wellega	137,171	3,765	-	4,705	*	236	1,880	124,954	660
Illubabor	223,806	9,501	-	4,851	*	517	1,044	207,541	173
Jimma	478,635	13,634	-	11,284	*	2,254	2,178	448,121	-
West Shewa	448,396	6,300	-	10,941	*	613	5,205	424,093	947
North Shewa	622,211	*	-	28,151	*	2,650	785	541,400	4,402
East Shewa	276,383	6,244	-	30,030	*	855	1,020	236,092	565
Arsi	822,132	52,181	-	39,918	*	4,436	4,339	720,186	-
West Harerghe	127,799	2,721	-	4,791	*	797	-	118,687	-
East Harerghe	161,264	19,412	-	2,510	*	-	-	137,749	411
Bale	138,320	*	-	8,478	-	-	381	120,643	190
Borena	168,661	2,513	*	24,014	*	1,080	478	138,839	703
South West Shewa	88,158	5,556	-	3,524	-	156	221	78,395	306
Guji	284,333	6,908	-	32,219	*	269	879	242,893	965
West Arsi	379,262	9,366	*	13,088	*	858	2,373	347,358	5,005
Kelem Wellega	94,510	1,377	-	3,336	*	-	-	88,425	424
Horoguduru Wellega	93,008	*	-	4,967	*	490	1,297	84,758	463

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	624,337	70,988	*	136,252	-	7,552	885	408,503	-
Shinele	69,365	4,062	-	6,557	-	702	255	57,789	-
Jijiga	451,532	*	*	115,535	-	6,850	389	267,320	-
Liben	103,440	5,616	*	14,160	-	-	241	83,393	-
Benshangul-Gumuz	41,229	1,513	*	2,469	*	-	182	36,210	278
Metekel	25,188	919	-	1,682	*	-	61	22,259	-
Asosa	6,401	*	*	*	*	-	120	5,305	228
Kemeshi	4,557	*	-	148	*	-	-	4,132	-
Pawe Special	751	44	-	*	-	-	-	694	-
Mao Komo	4,333	*	-	436	*	-	-	3,820	50
SNNP	2,019,069	102,757	1,309	126,973	6,245	6,010	9,262	1,761,287	5,227
Gurage	210,268	6,306	-	5,784	*	905	451	195,795	226
Hadiya	121,576	2,120	-	3,692	*	-	-	115,145	397
Kembata Tembaro	49,482	4,219	-	1,895	*	-	-	42,711	216
Sidama	231,862	*	*	14,844	-	408	3,266	196,238	1,163
Gedio	91,484	3,955	-	3,690	*	279	136	83,095	165
Wolayita	85,496	4,575	*	4,535	-	226	226	75,279	428
South Omo	212,390	*	*	27,626	*	1,299	1,453	167,592	215
Shaka	32,525	1,678	-	834	-	107	155	29,699	53
Kaffa	261,150	8,782	-	8,819	-	937	822	241,296	496
Gamo Gofa	245,679	5,879	*	23,836	*	228	1,367	212,120	228
Bench Maji	98,931	5,526	-	3,700	*	488	585	87,189	732
Yem Sp. Wereda	15,118	400	-	*	*	-	102	14,435	-
Amaro Sp. Wereda	21,229	2,124	-	1,586	*	-	146	17,321	-
Burji Sp. Wereda	2,059	*	-	256	*	-	-	1,570	-
Konso Sp. Wereda	81,508	18,054	*	11,105	*	619	60	50,496	222
Derashe Sp. Wereda	14,615	665	-	3,498	-	39	-	10,412	-
Dawro	42,174	857	-	1,220	*	88	93	39,631	-
Basketo Sp. Wereda	8,195	113	-	484	*	-	-	7,399	126
Konta Sp. Wereda	7,372	*	-	*	-	-	31	6,048	90
Silte	157,920	7,545	-	6,856	*	314	-	142,216	470
Alaba Sp. Wereda	28,037	268	-	1,663	*	74	371	25,600	-
Gambela Region	7,735	672	-	379	-	25	70	6,588	-
Angnuwak	278	*	-	*	-	-	-	180	-
Nuware	1,892	*	-	230	-	-	45	1,597	-
Mezhenger	4,533	558	-	*	-	25	25	3,900	-
Itang Special	*	*	-	*	-	-	-	911	-
Harari	2,188	432	-	-	*	-	-	1,669	-
Hundene	2,188	432	-	-	*	-	-	1,669	-
Dire Dawa	22,350	1,474	-	367	*	-	-	20,476	-

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	10,955,424	686,735	1,115,715	53,475	47,034	680,112	8,340,668	31,685
Tigray	1,550,287	28,493	233,495	3,882	5,926	*	1,272,196	1,224
North West Tigray	480,154	7,158	78,202	1,940	*	*	388,814	-
Central Tigray	641,875	11,734	107,793	*	*	*	518,732	-
Eastern Tigray	126,963	*	14,998	-	*	-	110,000	*
Southern Tigray	168,167	5,059	18,529	*	*	*	141,438	*
Western Tigray	133,129	3,162	13,972	*	*	*	113,212	*
Afar	414,218	6,638	42,363	*	*	106,492	253,247	*
Zone 1	202,943	*	25,192	*	*	41,005	132,769	*
Zone 3	211,275	4,858	17,172	*	*	*	120,478	*
Amhara	3,077,213	308,030	257,955	31,399	11,703	12,657	2,448,851	6,618
North Gonder	673,349	27,900	74,711	*	*	*	557,566	*
South Gonder	332,081	35,636	13,140	*	*	*	280,805	*
North Wolo	365,874	22,204	34,307	*	*	*	301,552	*
South Wolo	409,625	47,230	35,238	3,024	*	*	322,709	*
North Shewa	436,773	98,032	26,493	7,511	1,863	*	295,792	*
East Gojam	239,079	30,580	*	*	*	*	180,588	*
West Gojam	149,268	*	4,346	*	*	*	127,405	*
Waghamera	324,635	17,011	37,938	2,769	*	*	262,216	-
Awi	50,897	10,095	1,715	-	*	-	37,678	*
Oromia	84,958	5,590	4,730	*	*	-	74,208	*
Argoba Special	10,673	1,179	943	145	*	*	8,332	*
Oromia	3,617,191	213,295	250,845	12,351	16,669	423,392	2,684,038	16,602
West Wellega	44,370	-	2,194	-	-	*	41,835	-
East Wellega	86,848	2,382	6,382	*	*	*	73,778	*
Illubabor	77,208	3,866	3,404	*	662	*	65,743	*
Jimma	139,399	5,420	5,370	-	*	*	125,795	*
West Shewa	127,765	6,747	9,873	-	*	*	107,730	-
North Shewa	100,037	8,980	10,114	*	*	*	77,583	*
East Shewa	267,366	15,628	24,552	*	*	*	180,578	*
Arsi	336,166	35,417	7,922	*	*	29,876	260,451	-
West Harerghe	436,837	27,815	27,736	*	*	*	351,124	*
East Harerghe	610,698	67,093	16,306	*	*	22,461	502,205	*
Bale	360,401	9,627	21,089	-	1,234	159,574	165,956	*
Borena	462,831	*	66,092	*	*	64,374	311,889	*
South West Shewa	85,130	7,634	6,575	-	-	*	70,582	-
Guji	255,015	6,696	34,665	-	*	52,784	158,139	*
West Arsi	142,243	3,240	5,085	-	-	20,573	113,345	-
Kelem Wellega	36,301	*	*	-	-	*	34,334	-
Horiguduru Wellega	48,577	*	2,952	*	*	*	42,973	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	734,993	35,014	140,867	*	3,894	50,126	502,623	*
Shinele	142,252	10,497	14,680	*	*	*	114,316	*
Jijiga	320,973	*	89,601	*	*	*	203,712	*
Liben	271,768	11,574	36,586	*	*	36,895	184,595	*
Benshangul-Gumuz	148,180	5,047	13,626	*	*	1,653	125,735	*
Metekel	57,849	1,716	6,113	-	-	-	50,020	-
Asosa	57,817	1,868	5,451	*	*	1,245	48,627	*
Kemeshi	26,782	*	1,858	*	*	*	21,750	*
Pawe Special	838	90	-	-	*	-	736	-
Mao Komo	4,893	-	204	-	-	*	4,602	*
SNNP	1,318,168	81,966	172,675	3,918	3,924	77,103	975,021	3,561
Gurage	77,660	*	2,416	*	-	*	66,710	*
Hadiya	45,334	2,743	2,081	*	-	2,987	36,855	-
Kembata Tembaro	17,736	*	*	-	-	1,902	14,577	-
Sidama	124,945	9,932	16,631	-	-	22,754	75,628	-
Gedio	4,492	-	*	-	-	*	3,772	-
Wolayita	47,231	*	*	-	-	-	42,087	*
South Omo	450,144	*	97,142	*	*	*	293,585	*
Shaka	5,765	*	*	*	*	-	4,954	*
Kaffa	74,813	1,888	1,745	-	-	*	71,034	-
Gamo Gofa	89,358	3,254	6,533	-	-	*	78,861	-
Bench Maji	52,130	3,657	2,980	-	*	*	43,992	*
Yem Sp. Wereda	11,398	*	349	*	-	*	10,815	*
Amaro Sp. Wereda	40,231	3,322	5,761	-	-	2,625	28,524	-
Burji Sp. Wereda	15,365	1,013	2,599	*	102	*	11,498	-
Konso Sp. Wereda	113,754	23,046	13,966	*	*	*	73,632	*
Derashe Sp. Wereda	38,283	1,567	8,491	-	-	*	28,131	-
Dawro	20,461	*	*	*	-	-	19,205	-
Basketo Sp. Wereda	4,698	*	120	-	-	-	4,127	-
Konta Sp. Wereda	4,934	161	*	-	*	*	4,166	-
Silte	46,667	1,663	3,000	*	*	4,887	36,351	-
Alaba Sp. Wereda	32,770	*	2,450	*	-	3,535	26,517	*
Gambela Region	13,734	516	1,394	*	-	1,415	10,340	*
Angnuwak	4,148	114	483	*	-	*	3,461	*
Nuware	7,294	*	770	-	-	1,310	5,123	-
Mezhenger	669	*	*	-	-	-	432	-
Itang Special	1,624	*	76	-	-	*	1,324	*
Harari	17,945	1,682	938	*	*	662	14,587	-
Hundene	17,945	1,682	938	*	*	662	14,587	-
Dire Dawa	63,495	6,054	1,556	*	-	1,541	54,030	-

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	1,458,177	642,955	66,884	6,046	493,146	77,300	171,846
Tigray	4,037	2,126	*	-	*	*	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-
Southern Tigray	*	*	*	-	*	*	*
Western Tigray	*	*	-	-	*	-	*
Afar	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	250,077	53,067	54,559	*	35,623	65,674	39,823
North Gonder	23,301	5,324	*	*	3,795	*	*
South Gonder	15,654	3,412	*	-	1,832	*	4,841
North Wolo	26,019	2,444	6,268	-	*	13,791	*
South Wolo	49,368	11,038	*	-	9,958	*	7,840
North Shewa	16,413	2,912	*	-	7,582	*	*
East Gojam	50,339	21,923	4,631	*	11,011	3,913	8,221
West Gojam	*	*	*	-	*	*	*
Waghamera	*	-	-	-	-	-	*
Awi	49,594	4,266	24,717	*	-	19,063	*
Oromia	-	-	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
Oromia	926,634	444,943	10,716	2,097	360,594	8,016	100,268
West Wellega	1,885	*	-	-	*	-	*
East Wellega	2,604	*	-	-	*	-	*
Illubabor	31,083	9,529	*	*	12,524	*	7,851
Jimma	58,239	27,027	-	-	11,935	*	18,901
West Shewa	133,967	72,597	2,556	*	24,153	1,517	32,570
North Shewa	88,211	33,339	*	-	42,566	*	11,201
East Shewa	15,730	13,449	-	-	*	-	-
Arsi	211,254	85,888	*	-	117,360	*	6,522
West Harerghe	*	-	-	-	*	-	-
East Harerghe	*	-	*	-	-	-	-
Bale	50,167	30,351	-	-	*	-	*
Borena	*	*	*	-	-	-	-
South West Shewa	27,527	17,414	*	-	5,084	-	*
Guji	135,373	65,018	*	*	57,967	*	*
West Arsi	135,588	73,017	-	-	56,837	-	*
Kelem Wellega	*	*	-	*	1,926	*	*
Horoguduru Wellega	22,356	10,327	*	*	9,406	*	*

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	-	-	-	-	-	-	-
Pawe special	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	276,174	142,252	1,352	2,619	95,184	3,298	31,470
Gurage	49,893	18,937	-	*	20,458	*	9,545
Hadiya	19,281	7,363	*	*	8,414	*	1,419
Kembata Tembaro	3,763	2,009	-	-	*	*	*
Sidama	54,018	40,037	-	-	13,215	-	*
Gedio	20,966	12,630	-	*	6,199	*	*
Wolayita	*	-	-	*	-	-	*
South Omo	16,380	8,346	-	*	7,008	-	*
Shaka	3,051	2,523	-	-	*	-	267
Kaffa	42,550	26,103	*	*	9,346	-	6,664
Gamo Gofa	16,033	6,603	*	-	6,820	*	*
Bench Maji	8,530	2,714	-	*	4,938	-	*
Yem Sp. Wereda	466	*	-	-	282	-	*
Amaro Sp. Wereda	2,575	740	-	-	1,487	-	*
Burji Sp. Wereda	*	-	-	-	*	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	-	*	-	-
Dawro	4,234	1,785	-	-	*	-	1,430
Basketo Sp. Wereda	173	93	*	-	*	-	-
Konta Sp. Wereda	919	626	-	-	207	-	*
Silte	25,882	10,113	-	*	12,542	-	3,070
Alaba Sp. Wereda	2,748	1,160	-	-	1,588	-	-
Gambela Region	*	*					
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
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	4,265,585	1,557,757	350,814	55,708	1,728,159	398,533	174,614
Tigray	364,482	155,522	41,796	3,458	125,076	33,119	5,511
North West Tigray	68,880	32,975	*	-	34,836	-	*
Central Tigray	108,676	37,299	15,850	*	36,077	15,481	3,296
Eastern Tigray	61,487	32,395	*	-	22,977	2,330	*
Southern Tigray	95,830	35,304	16,685	*	28,500	13,800	*
Western Tigray	29,609	17,549	5,540	*	2,686	*	*
Afar	20,244	7,291	*	-	11,790	*	*
Zone 1	10,574	4,430	-	-	5,536	*	*
Zone 3	9,670	2,861	*	-	6,253	-	*
Amhara	1,523,104	456,076	154,815	18,607	559,454	210,949	123,204
North Gonder	212,000	82,858	22,924	3,171	77,146	15,708	10,193
South Gonder	153,325	28,426	7,561	-	73,757	18,288	25,292
North Wolo	148,715	33,163	22,000	-	63,476	29,374	*
South Wolo	316,386	125,237	*	*	139,055	13,914	31,045
North Shewa	234,963	93,264	21,820	*	77,747	34,591	7,230
East Gojam	210,981	37,596	29,112	10,194	49,752	51,142	33,184
West Gojam	130,956	23,812	31,280	2,520	32,605	34,487	6,252
Waghamera	54,453	20,434	3,138	*	20,040	7,802	2,918
Awi	41,235	6,052	*	1,603	12,804	5,184	5,534
Oromia	18,353	4,807	*	*	12,448	*	*
Argoba Special	1,739	427	107	*	625	340	*
Oromia	1,910,678	742,178	131,262	22,646	834,037	140,342	40,212
West Wellega	78,015	28,132	*	*	38,110	*	*
East Wellega	61,578	19,878	*	*	33,098	*	4,261
Illubabor	10,914	4,684	-	*	3,992	-	1,726
Jimma	45,292	30,895	*	*	10,866	*	*
West Shewa	90,023	32,389	*	*	40,519	*	*
North Shewa	150,988	40,230	13,094	*	49,393	41,258	*
East Shewa	221,239	98,151	21,519	*	80,755	17,208	2,183
Arsi	323,566	127,330	*	*	172,706	*	*
West Harerghe	141,573	52,681	12,511	*	55,287	14,247	4,799
East Harerghe	199,358	46,315	47,420	*	74,501	25,509	*
Bale	139,989	68,815	*	*	68,966	*	752
Borena	71,352	34,260	*	*	30,061	*	1,713
South West Shewa	89,343	35,979	9,983	*	30,136	11,965	*
Guji	70,985	34,479	*	*	27,507	*	*
West Arsi	155,569	64,266	*	*	89,161	-	*
Kelem Wellega	23,358	11,477	1,984	*	7,627	*	*
Horoguduru Wellega	37,535	12,218	*	*	21,354	*	*

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	82,261	49,150	318	*	32,381	*	*
Shinele	8,914	4,992	-	-	3,894	-	*
Jijiga	44,512	28,335	318	*	15,601	*	*
Liben	28,835	15,824	-	*	12,886	-	*
Benshangul-Gumuz	40,297	19,039	6,642	*	11,068	2,691	535
Metekel	21,040	9,830	5,718	*	4,037	1,164	*
Asosa	13,127	5,564	*	*	5,425	*	*
Kemeshi	3,916	2,789	*	*	811	*	*
Pawe Special	344	156	*	-	39	70	-
Mao Komo	1,869	700	147	*	756	*	*
SNNP	307,392	121,642	14,122	10,508	146,834	10,488	3,798
Gurage	51,489	24,903	*	*	23,937	*	*
Hadiya	38,771	13,528	-	*	23,634	*	*
Kembata Tembaro	16,571	10,880	*	*	4,308	-	-
Sidama	46,923	22,531	*	*	*	*	*
Gedio	1,793	1,657	-	*	-	-	-
Wolayita	23,866	11,730	-	5,868	*	-	*
South Omo	6,607	1,912	*	*	*	-	*
Shaka	2,666	1,723	*	*	*	-	-
Kaffa	*	*	-	*	*	-	-
Gamo Gofa	14,181	4,067	*	*	*	*	-
Bench Maji	*	*	*	*	-	-	-
Yem Sp. Wereda	2,334	720	*	-	1,357	*	*
Amaro Sp. Wereda	1,776	*	*	*	*	*	-
Burji Sp. Wereda	3,319	1,397	*	*	1,374	*	*
Konso Sp. Wereda	5,006	1,959	*	*	*	*	*
Derashe Sp. Wereda	9,808	1,451	6,509	*	966	799	*
Dawro	1,807	1,171	-	-	636	-	-
Basketo Sp. Wereda	337	250	-	-	*	-	-
Konta Sp. Wereda	*	*	-	*	-	-	-
Silte	53,852	15,843	-	-	37,852	-	*
Alaba Sp. Wereda	22,836	3,514	*	-	14,755	*	-
Gambela Region	*	*	-	-	-	-	-
Angnuwak	*	*	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	7,332	3,060	1,414	*	2,184	629	*
Hundene	7,332	3,060	1,414	*	2,184	629	*
Dire Dawa	9,601	3,606	399	*	5,335	*	*

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	334,502	153,531	10,823	4,174	155,995	8,205	1,775
Tigray	7,372	3,400	*	-	3,229	*	-
North West Tigray	965	*	-	-	*	-	-
Central Tigray	*	*	-	-	*	-	-
Eastern Tigray	*	*	-	-	*	-	-
Southern Tigray	3,711	*	-	-	*	*	-
Western Tigray	1,047	797	*	-	*	-	-
Afar	*	*	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	-	-	-
Amhara	107,457	40,745	8,587	*	51,756	4,965	*
North Gondar	12,898	5,190	*	*	6,394	-	-
South Gondar	9,684	3,859	*	*	3,331	*	*
North Wolo	14,426	4,354	*	-	6,546	2,460	-
South Wolo	30,442	10,036	*	-	18,962	-	-
North Shewa	10,103	5,298	*	-	4,565	-	-
East Gojam	7,777	3,350	-	-	4,426	-	-
West Gojam	13,676	4,988	*	-	5,492	*	-
Waghamera	3,030	1,149	-	-	1,649	*	*
Awi	5,167	2,266	1,992	-	*	*	-
Oromia	*	*	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-
Oromia	168,982	83,067	1,371	1,340	80,062	2,071	1,071
West Wellega	5,263	2,109	*	*	2,775	-	-
East Wellega	*	*	-	-	2,360	-	-
Illubabor	8,886	3,798	-	-	4,206	*	*
Jimma	28,371	8,231	-	-	19,026	*	-
West Shewa	10,390	5,152	-	*	4,937	-	-
North Shewa	6,317	2,148	-	*	3,681	-	*
East Shewa	9,031	8,647	-	-	*	-	-
Arsi	26,841	13,350	-	-	13,147	-	*
West Harerghe	2,694	2,694	-	-	-	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	15,771	7,203	-	-	8,569	-	-
Borena	4,063	3,133	-	*	*	-	-
South West Shewa	5,176	2,742	-	-	2,255	*	-
Guji	26,919	14,414	*	-	11,708	-	-
West Arsi	6,152	3,559	-	-	2,593	-	-
Kelem Wellega	6,778	3,532	*	*	2,518	*	*
Horoguduru Wellega	3,030	1,795	*	*	866	-	-

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	687	360	-	-	313	*	-
Metekel	424	*	-	-	*	-	-
Asosa	*	*	-	-	-	-	-
Kemeshi	*	*	-	-	*	-	-
Pawe Special	*	*	-	-	-	-	-
Mao Komo	*	*	-	-	*	*	-
SNNP	49,896	25,880	*	1,887	20,605	*	*
Gurage	2,169	*	-	-	1,904	-	-
Hadiya	4,508	1,828	-	-	2,679	-	-
Kembata Tembaro	664	*	-	-	*	-	-
Sidama	*	-	-	-	*	-	-
Gedio	4,157	3,026	-	*	549	-	-
Wolayita	2,282	*	-	*	*	-	-
South Omo	5,536	*	-	*	3,104	-	*
Shaka	478	316	-	-	*	-	-
Kaffa	10,225	7,443	-	*	2,488	*	-
Gamo Gofa	6,415	2,504	*	-	2,979	*	-
Bench Maji	1,818	*	-	*	957	-	-
Yem Sp. Wereda	*	-	-	-	*	-	-
Amaro Sp. Wereda	1,152	705	*	-	*	-	-
Burji Sp. Wereda	89	*	-	-	*	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	-	*	*	-
Dawro	4,732	3,036	-	-	1,696	-	-
Basketo Sp. Wereda	619	270	*	*	202	*	*
Konta Sp. Wereda	526	365	-	*	*	-	-
Silte	3,241	1,601	-	-	1,640	-	-
Alaba Sp. Wereda	615	*	-	-	478	-	-
Gambela Region	*	*	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-

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	178,261	38,550	10,661	1,550	6,338	*	9,179	*	86,755	20,171
Shinele	11,048	4,442	*	-	*	-	787	-	3,430	2,140
Jijiga	60,238	21,597	*	1,472	*	*	6,442	*	17,298	*
Liben	106,975	12,511	*	*	4,759	*	1,950	*	66,028	13,699
Benshangul-Gumuz										
Metekel										
Asosa										
Kemeshi										
Pawe Special										
Mao Komo										
SNNP										
Gurage										
Hadiya										
Kembata Tembaro										
Sidama										
Gedio										
Wolayita										
South Omo										
Shaka										
Kaffa										
Gamo Gofa										
Bench Maji										
Yem Sp. Wereda										
Amaro Sp. Wereda										
Burji Sp. Wereda										
Konso Sp. Wereda										
Derashe Sp. Wereda										
Dawro										
Basketo Sp. Wereda										
Konta Sp. Wereda										
Silte										
Alaba Sp. Wereda										
Gambela Region										
Angnuwak										
Nuware										
Mezhenger										
Itang Special										
Harari	*	*	*					*	*	
Hundene	*	*	*					*	*	
Dire Dawa	3,780	1,753	-	*	-	-	*	-	1,258	535

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	49,297,898	21,816,809	110,102	19,674	27,127,669	190,326	33,318
Tigray	3,103,468	1,462,052	4,168	*	1,628,684	6,425	1,934
North West Tigray	849,267	371,651	*	-	474,877	*	*
Central Tigray	751,771	381,452	*	*	367,532	*	*
Eastern Tigray	361,073	173,969	2,498	-	181,325	2,961	*
Southern Tigray	673,206	340,803	*	-	331,234	*	*
Western Tigray	468,150	194,176	-	-	273,716	*	-
Afar	473,270	96,093	-	-	377,023	*	-
Zone 1	255,225	51,292	-	-	203,933	-	-
Zone 3	218,045	44,801	-	-	173,090	*	-
Amhara	12,748,995	6,500,619	26,365	*	6,177,784	38,573	*
North Gondar	2,407,544	1,118,378	*	*	1,286,336	*	-
South Gondar	1,326,764	684,139	*	*	639,251	*	*
North Wolo	1,156,332	554,909	*	-	600,302	*	*
South Wolo	1,811,631	939,366	13,695	-	841,227	16,336	*
North Shewa	1,172,154	704,491	9,476	-	441,364	16,544	*
East Gojam	1,715,369	927,059	*	*	785,894	*	-
West Gojam	1,800,917	946,081	-	-	853,763	*	-
Waghamera	340,377	155,931	-	-	184,446	-	-
Awi	723,232	328,214	*	*	392,588	*	*
Oromia	273,159	131,259	-	-	141,900	-	-
Argoba Special	21,516	10,791	*	-	10,713	-	-
Oromia	22,453,335	9,973,405	65,279	*	12,263,441	112,590	23,094
West Wellega	859,614	384,517	-	-	475,097	-	-
East Wellega	1,029,649	489,785	-	-	539,865	-	-
Illubabor	971,571	432,714	-	-	538,857	-	-
Jimma	2,016,823	931,482	-	*	1,083,885	-	*
West Shewa	1,694,099	819,523	*	*	868,946	*	*
North Shewa	1,443,156	695,406	22,667	*	687,055	34,768	*
East Shewa	1,130,386	585,834	2,264	*	537,165	3,982	*
Arsi	2,889,454	1,375,232	19,069	*	1,432,650	37,584	*
West Harerghe	1,280,307	578,065	-	-	702,243	-	-
East Harerghe	1,456,630	571,251	*	-	883,714	*	-
Bale	1,176,111	527,040	*	-	643,517	*	-
Borena	1,398,186	444,894	-	-	953,292	-	-
South West Shewa	745,428	407,698	*	-	335,494	*	*
Guji	1,608,639	598,299	*	-	1,009,568	*	-
West Arsi	1,774,673	665,360	15,126	*	1,059,794	27,599	*
Kelem Wellega	406,677	195,551	-	-	211,126	-	-
Horoguduru Wellega	571,933	270,757	-	-	301,176	-	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	620,583	199,932	-	-	420,651	-	-
Shinele	18,878	6,391	-	-	12,487	-	-
Jijiga	372,940	135,948	-	-	236,992	-	-
Liben	228,765	57,594	-	-	171,172	-	-
Benshangul-Gumuz	411,998	181,058	*	*	230,866	-	-
Metekel	289,607	127,768	-	*	161,778	-	-
Asosa	62,302	27,872	-	-	34,429	-	-
Kemeshi	21,890	7,944	-	-	13,947	-	-
Pawe Special	21,968	10,493	*	-	11,464	-	-
Mao Komo	16,231	6,982	-	-	9,249	-	-
SNNP	9,263,223	3,333,165	13,952	1,011	5,878,040	31,794	5,261
Gurage	992,596	290,435	*	-	700,904	-	*
Hadiya	635,713	269,322	*	*	359,807	3,834	*
Kembata Tembaro	281,432	102,571	4,645	429	153,180	18,552	2,055
Sidama	1,721,341	399,772	4,317	-	1,311,572	5,322	*
Gedio	129,621	60,522	-	-	68,610	*	*
Wolayita	735,392	269,323	*	*	463,249	*	*
South Omo	820,906	305,933	410	-	514,069	*	-
Shaka	90,578	35,838	-	*	54,687	-	-
Kaffa	874,370	346,608	-	-	527,761	-	-
Gamo Gofa	1,026,047	415,933	*	-	608,051	*	-
Bench Maji	425,003	170,849	-	-	254,154	-	-
Yem Sp. Wereda	67,894	29,894	-	-	37,999	-	-
Amaro Sp. Wereda	118,272	50,721	-	-	67,552	-	-
Burji Sp. Wereda	40,268	22,436	-	-	17,832	-	-
Konso Sp. Wereda	140,257	64,440	-	-	75,817	-	-
Derashe Sp. Wereda	63,226	36,230	-	-	26,997	-	-
Dawro	329,262	124,785	*	-	204,305	*	-
Basketo Sp. Wereda	37,279	16,579	-	-	20,700	-	-
Konta Sp. Wereda	71,865	30,494	-	-	41,371	-	-
Silte	508,295	219,509	-	-	287,973	*	-
Alaba Sp. Wereda	153,604	70,971	*	*	81,449	*	*
Gambela Region	130,015	37,602	-	-	92,413	-	-
Angnuwak	12,830	7,215	-	-	5,615	-	-
Nuware	78,700	20,141	-	-	58,559	-	-
Mezhenger	18,743	5,612	-	-	13,130	-	-
Itang Special	19,742	4,633	-	-	15,109	-	-
Harari	44,199	15,481	326	*	27,358	*	*
Hundene	44,199	15,481	326	*	27,358	*	*
Dire Dawa	48,812	17,402	-	-	31,411	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	25,017,218	6,649,485	4,791	*	18,340,518	5,979	*
Tigray	1,376,961	344,274	-	-	1,032,687	-	-
North West Tigray	139,570	37,320	-	-	102,250	-	-
Central Tigray	360,808	96,819	-	-	263,990	-	-
Eastern Tigray	572,819	136,133	-	-	436,686	-	-
Southern Tigray	260,064	61,574	-	-	198,490	-	-
Western Tigray	43,700	12,429	-	-	31,270	-	-
Afar	403,255	94,900	-	-	308,356	-	-
Zone 1	199,120	51,208	-	-	147,912	-	-
Zone 3	204,135	43,692	-	-	160,444	-	-
Amhara	8,987,694	2,322,531	4,640	*	6,642,399	5,231	*
North Gondar	979,800	239,698	-	*	729,671	-	*
South Gondar	902,162	212,024	*	*	686,849	*	*
North Wolo	998,575	236,093	*	-	757,900	*	-
South Wolo	1,983,822	609,296	*	-	1,370,364	*	*
North Shewa	1,069,807	286,419	-	-	783,088	*	-
East Gojam	1,490,744	330,485	-	-	1,160,259	-	-
West Gojam	952,074	245,788	-	-	706,286	-	-
Waghamera	151,084	42,707	-	-	108,376	-	-
Awi	430,555	105,825	-	-	324,730	-	-
Oromia	28,223	13,737	-	-	14,487	-	-
Argoba Special	847	459	-	-	388	-	-
Oromia	9,098,255	2,370,582	-	*	6,726,208	*	*
West Wellega	302,500	86,979	-	-	215,520	-	-
East Wellega	310,148	85,976	-	-	224,173	-	-
Illubabor	459,176	114,438	-	-	344,738	-	-
Jimma	942,908	240,780	-	-	702,128	-	-
West Shewa	832,815	181,327	-	-	651,488	-	-
North Shewa	1,089,079	278,526	-	-	810,011	-	*
East Shewa	521,654	138,125	-	-	383,299	*	-
Arsi	1,623,352	447,864	-	*	1,175,152	-	-
West Harerghe	239,263	65,919	-	-	173,344	-	-
East Harerghe	320,465	91,676	-	-	228,430	*	-
Bale	272,011	82,175	-	-	189,836	-	-
Borena	305,950	81,106	-	-	224,844	-	-
South West Shewa	170,349	45,366	-	-	124,984	-	-
Guji	539,508	142,540	-	-	396,968	-	-
West Arsi	757,215	183,783	-	-	573,433	-	-
Kelem Wellega	206,895	52,237	-	-	154,657	-	-
Horoguduru Wellega	204,968	51,764	-	-	153,204	-	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,162,743	458,277	-	-	704,466	-	-
Shinele	128,251	34,055	-	-	94,195	-	-
Jijiga	852,393	371,737	-	-	480,655	-	-
Liben	182,100	52,485	-	-	129,615	-	-
Benshangul-Gumuz	84,418	23,020	-	*	59,656	-	*
Metekel	50,832	14,001	-	*	35,089	-	*
Asosa	13,040	3,646	-	-	9,395	-	-
Kemeshi	8,476	2,216	-	-	6,260	-	-
Pawe Special	1,515	375	-	-	1,140	-	-
Mao Komo	10,554	2,781	-	-	7,773	-	-
SNNP	3,838,757	1,017,289	*	*	2,820,336	*	*
Gurage	383,868	90,238	-	*	293,100	-	*
Hadiya	239,307	55,979	-	-	183,328	-	-
Kembata Tembaro	96,030	28,418	-	-	67,612	-	-
Sidama	457,465	117,671	-	-	339,795	-	-
Gedio	190,191	57,379	-	-	132,813	-	-
Wolayita	176,736	46,502	-	-	130,234	-	-
South Omo	406,745	121,790	-	-	284,955	-	-
Shaka	66,628	17,928	*	-	48,498	*	-
Kaffa	493,823	125,389	-	-	368,434	-	-
Gamo Gofa	433,400	102,766	-	-	330,405	-	*
Bench Maji	182,234	45,483	-	-	136,751	-	-
Yem Sp. Wereda	29,276	6,435	-	-	22,841	-	-
Amaro Sp. Wereda	35,506	9,787	-	-	25,719	-	-
Burji Sp. Wereda	3,316	1,005	-	-	2,310	-	-
Konso Sp. Wereda	135,244	52,403	-	-	82,841	-	-
Derashe Sp. Wereda	23,076	8,062	-	*	14,842	-	*
Dawro	107,924	29,690	-	-	78,235	-	-
Basketo Sp. Wereda	15,752	3,419	-	-	12,332	-	-
Konta Sp. Wereda	18,578	8,196	-	-	10,382	-	-
Silte	291,029	75,529	-	-	215,499	-	-
Alaba Sp. Wereda	52,630	13,220	-	-	39,411	-	-
Gambela Region	17,825	5,899	-	-	11,926	-	-
Angnuwak	600	243	-	-	357	-	-
Nuware	5,582	1,909	-	-	3,673	-	-
Mezhenger	9,913	3,291	-	-	6,622	-	-
Itang Special	*	*	-	-	*	-	-
Harari	4,133	1,594	-	-	2,539	-	-
Hundene	4,133	1,594	-	-	2,539	-	-
Dire Dawa	43,176	11,119	-	-	31,948	*	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	21,884,222	6,600,525	*	-	15,280,530	2,476	*
Tigray	3,107,994	899,391	*	-	2,206,005	*	*
North West Tigray	1,018,434	288,900	*	-	728,481	*	-
Central Tigray	1,234,652	376,469	-	-	856,638	*	*
Eastern Tigray	229,345	58,427	-	-	170,918	-	-
Southern Tigray	326,291	85,736	-	-	240,555	-	-
Western Tigray	299,271	89,858	-	-	209,413	-	-
Afar	801,497	172,450	-	-	629,046	-	-
Zone 1	375,208	83,057	-	-	292,151	-	-
Zone 3	426,289	89,393	-	-	336,895	-	-
Amhara	6,022,105	1,943,904	-	-	4,078,201	-	-
North Gondar	1,382,656	427,624	-	-	955,032	-	-
South Gondar	655,519	203,691	-	-	451,828	-	-
North Wolo	670,795	202,894	-	-	467,901	-	-
South Wolo	795,254	262,793	-	-	532,462	-	-
North Shewa	822,108	331,961	-	-	490,147	-	-
East Gojam	537,688	176,713	-	-	360,975	-	-
West Gojam	321,470	98,973	-	-	222,497	-	-
Waghamera	560,528	153,819	-	-	406,709	-	-
Awi	102,237	33,930	-	-	68,307	-	-
Oromia	153,201	44,128	-	-	109,073	-	-
Argoba Special	20,647	7,378	-	-	13,269	-	-
Oromia	7,439,725	2,181,804	-	-	5,257,921	-	-
West Wellega	99,096	26,500	-	-	72,596	-	-
East Wellega	203,441	63,529	-	-	139,912	-	-
Illubabor	181,058	56,049	-	-	125,009	-	-
Jimma	288,411	79,043	-	-	209,368	-	-
West Shewa	294,867	94,620	-	-	200,247	-	-
North Shewa	205,125	69,030	-	-	136,095	-	-
East Shewa	522,058	144,002	-	-	378,056	-	-
Arsi	698,428	212,358	-	-	486,070	-	-
West Harerghe	867,453	247,623	-	-	619,830	-	-
East Harerghe	1,240,898	385,821	-	-	855,078	-	-
Bale	668,965	167,203	-	-	501,762	-	-
Borena	936,602	250,722	-	-	685,879	-	-
South West Shewa	184,973	64,077	-	-	120,896	-	-
Guji	524,665	172,994	-	-	351,670	-	-
West Arsi	308,826	86,127	-	-	222,700	-	-
Kelem Wellega	100,256	28,627	-	-	71,629	-	-
Horoguduru Wellega	114,603	33,479	-	-	81,124	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,374,540	443,172	-	-	931,368	-	-
Shinele	283,666	81,092	-	-	202,575	-	-
Jijiga	603,098	233,100	-	-	369,998	-	-
Liben	487,776	128,980	-	-	358,796	-	-
Benshangul-Gumuz	321,603	88,942	-	-	232,661	-	-
Metekel	132,163	39,936	-	-	92,227	-	-
Asosa	120,119	30,395	-	-	89,724	-	-
Kemeshi	54,966	15,076	-	-	39,889	-	-
Pawe Special	2,088	698	-	-	1,390	-	-
Mao Komo	12,267	2,837	-	-	9,430	-	-
SNNP	2,626,611	819,925	-	-	1,806,118	*	-
Gurage	153,119	42,045	-	-	111,074	-	-
Hadiya	95,388	28,299	-	-	67,090	-	-
Kembata Tembaro	38,212	10,480	-	-	27,164	*	-
Sidama	228,941	80,180	-	-	148,761	-	-
Gedio	10,165	3,233	-	-	6,932	-	-
Wolayita	102,332	26,391	-	-	75,941	-	-
South Omo	912,889	300,673	-	-	612,216	-	-
Shaka	10,900	3,104	-	-	7,795	-	-
Kaffa	163,643	39,547	-	-	124,096	-	-
Gamo Gofa	183,439	51,815	-	-	131,624	-	-
Bench Maji	100,654	27,157	-	-	73,497	-	-
Yem Sp. Wereda	22,998	5,921	-	-	17,077	-	-
Amaro Sp. Wereda	73,770	23,516	-	-	50,254	-	-
Burji Sp. Wereda	25,444	8,833	-	-	16,611	-	-
Konso Sp. Wereda	205,337	78,926	-	-	126,411	-	-
Derashe Sp. Wereda	63,130	21,846	-	-	41,284	-	-
Dawro	56,809	17,959	-	-	38,850	-	-
Basketo Sp. Wereda	8,899	2,235	-	-	6,663	-	-
Konta Sp. Wereda	12,161	3,964	-	-	8,197	-	-
Silte	94,919	28,851	-	-	66,068	-	-
Alaba Sp. Wereda	63,463	14,950	-	-	48,514	-	-
Gambela Region	31,821	9,646	-	-	22,176	-	-
Angnuwak	8,979	2,656	-	-	6,323	-	-
Nuware	17,766	5,226	-	-	12,540	-	-
Mezhenger	1,892	939	-	-	952	-	-
Itang Special	3,185	825	-	-	2,360	-	-
Harari	36,322	11,028	-	-	25,294	-	-
Hundene	36,322	11,028	-	-	25,294	-	-
Dire Dawa	122,005	30,264	-	-	91,740	-	-

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	38,127,504	4,007,999	1,780,639	3,270,794	1,519,735	15,015,339	12,532,998
Tigray	3,829,788	383,861	257,664	431,855	218,595	1,369,350	1,168,463
North West Tigray	1,003,238	87,794	73,821	113,149	57,396	450,095	220,983
Central Tigray	1,229,666	112,081	83,405	160,513	49,870	457,999	365,798
Eastern Tigray	499,372	68,614	21,890	42,234	31,630	92,615	242,390
Southern Tigray	638,495	76,813	36,315	69,696	38,218	170,794	246,659
Western Tigray	459,017	38,561	42,234	46,262	41,480	197,846	92,633
Afar	26,519	2,205	1,711	2,269	1,198	11,142	7,993
Zone 1	830	184	-	*	-	*	522
Zone 3	25,689	2,022	1,711	2,212	1,198	11,075	7,472
Amhara	12,755,956	1,324,473	557,002	1,113,784	482,397	5,131,039	4,147,262
North Gonder	3,286,769	246,352	206,007	345,932	125,766	1,635,494	727,217
South Gonder	1,396,599	81,245	48,758	100,608	34,697	731,060	400,230
North Wolo	1,254,250	253,905	54,093	123,173	76,993	349,239	396,847
South Wolo	1,700,690	316,479	63,755	119,582	50,952	341,648	808,274
North Shewa	1,256,863	116,263	40,158	100,372	46,089	411,369	542,612
East Gojam	878,497	84,085	34,120	76,703	33,953	222,707	426,929
West Gojam	1,786,462	111,849	63,041	149,502	64,016	903,583	494,470
Waghamera	356,450	44,020	15,479	29,104	17,898	143,176	106,771
Awi	576,075	33,884	20,626	49,215	21,439	280,183	170,728
Oromia	230,829	31,255	9,424	16,964	8,463	99,903	64,819
Argoba Special	32,474	5,136	1,540	2,627	2,132	12,676	8,363
Oromia	13,673,006	1,561,158	591,419	1,077,025	578,010	5,070,783	4,794,611
West Wellega	985,678	106,132	42,271	74,548	19,859	476,309	266,558
East Wellega	730,646	73,599	32,012	49,611	18,790	362,050	194,584
Illubabor	971,838	118,248	39,633	72,750	28,799	415,284	297,124
Jimma	1,139,735	118,943	19,674	60,949	28,358	495,487	416,324
West Shewa	944,112	89,654	26,204	59,179	35,539	385,211	348,326
North Shewa	564,403	69,017	11,311	34,806	39,545	136,305	273,419
East Shewa	745,769	90,797	42,772	62,717	51,921	198,609	298,951
Arsi	1,353,561	175,491	66,212	113,660	66,318	403,576	528,305
West Harerghe	987,817	101,681	50,231	104,991	35,485	352,527	342,903
East Harerghe	1,093,529	122,221	65,100	103,396	37,351	252,531	512,930
Bale	401,622	50,024	23,256	46,843	18,944	112,327	150,228
Borena	669,106	83,446	47,064	63,369	36,123	258,163	180,940
South West Shewa	481,878	44,665	6,672	24,778	21,371	182,211	202,181
Guji	819,031	120,665	42,885	64,657	61,794	284,832	244,198
West Arsi	700,740	80,612	32,402	56,718	41,915	231,202	257,892
Kelem Wellega	725,643	74,683	29,490	62,755	23,734	343,278	191,702
Horoguduru Wellega	357,897	41,279	14,230	21,298	12,164	180,880	88,046

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	77,367	10,486	6,925	8,459	2,004	21,862	27,632
Shinele	2,949	392	*	*	*	1,069	1,267
Jijiga	*	*	*	*	*	*	*
Liben	65,748	8,536	5,501	7,749	*	19,668	22,685
Benshangul-Gumuz	774,112	67,322	48,806	78,772	16,209	404,296	158,705
Metekel	375,646	31,363	27,542	39,068	7,489	194,395	75,789
Asosa	203,440	17,884	11,111	20,761	4,660	105,070	43,954
Kemeshi	116,152	11,531	5,624	11,033	*	62,420	22,438
Pawe Special	30,049	1,763	1,696	3,248	463	16,906	5,974
Mao Komo	48,824	4,781	2,832	4,662	492	25,506	10,550
SNNP	6,707,186	627,968	291,852	525,270	206,378	2,910,254	2,145,465
Gurage	537,012	48,441	17,369	29,028	22,480	188,486	231,208
Hadiya	572,953	35,379	9,042	29,854	7,837	323,595	167,246
Kembata Tembaro	240,710	12,995	3,948	12,966	1,778	120,590	88,431
Sidama	725,540	58,079	17,390	56,668	14,460	287,283	291,660
Gedio	174,927	19,152	6,470	20,205	1,914	54,908	72,277
Wolayita	524,281	33,523	25,852	40,807	15,097	249,071	159,932
South Omo	558,996	77,671	55,468	56,828	28,022	202,170	138,838
Shaka	112,944	8,611	7,577	9,807	666	45,768	40,515
Kaffa	796,171	80,760	33,269	65,380	21,949	386,876	207,936
Gamo Gofa	661,174	62,801	21,864	49,631	20,393	310,539	195,947
Bench Maji	609,464	65,008	41,457	63,092	23,648	266,736	149,523
Yem Sp. Wereda	26,771	1,967	497	1,496	*	10,728	11,828
Amaro Sp. Wereda	55,146	8,639	3,560	4,852	1,483	20,960	15,652
Burji Sp. Wereda	23,001	3,123	1,093	1,901	573	9,347	6,964
Konso Sp. Wereda	147,085	19,328	6,940	12,344	8,770	46,801	52,903
Derashe Sp. Wereda	104,885	17,570	6,206	9,885	6,740	33,498	30,987
Dawro	170,565	15,854	6,034	7,298	10,186	77,343	53,850
Basketo Sp. Wereda	37,975	4,572	2,924	2,756	1,242	14,332	12,147
Konta Sp. Wereda	55,522	6,070	2,051	4,613	2,595	23,398	16,796
Silte	459,002	39,115	18,896	36,698	11,867	188,177	164,249
Alaba Sp. Wereda	113,062	9,308	3,945	9,163	4,421	49,649	36,576
Gambela Region	202,105	21,687	20,580	26,325	9,839	78,792	44,883
Angnuwak	116,068	11,240	12,760	15,536	6,605	48,539	21,388
Nuware	8,326	1,354	629	1,037	1,072	2,190	2,043
Mezhenger	46,851	4,721	3,105	4,834	1,372	17,695	15,124
Itang Special	30,860	4,373	4,085	4,917	789	10,368	6,328
Harari	33,362	4,504	2,185	2,644	2,339	9,194	12,497
Hundene	33,362	4,504	2,185	2,644	2,339	9,194	12,497
Dire Dawa	48,102	4,335	2,494	4,391	2,767	8,627	25,487

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	36,756,130	3,852,659	1,717,657	3,140,685	1,462,522	14,621,061	11,961,544
Tigray	3,377,750	343,208	234,096	378,605	197,850	1,242,089	981,902
North West Tigray	907,908	78,908	67,286	103,392	50,987	409,148	198,187
Central Tigray	1,028,228	95,034	73,328	132,727	45,169	400,202	281,769
Eastern Tigray	438,428	63,601	19,807	34,591	27,562	83,215	209,653
Southern Tigray	554,912	68,007	32,588	62,986	34,092	154,996	202,244
Western Tigray	448,273	37,658	41,088	44,910	40,041	194,527	90,050
Afar	25,296	2,054	1,680	2,152	1,140	10,911	7,358
Zone 1	312	*	-	*	-	*	*
Zone 3	24,984	1,988	1,680	2,119	1,140	10,844	7,212
Amhara	12,325,103	1,275,392	540,253	1,078,702	469,717	4,983,744	3,977,295
North Gondar	3,213,522	240,656	201,389	335,263	123,652	1,606,306	706,257
South Gondar	1,345,284	79,204	44,919	97,292	34,401	704,690	384,779
North Wolo	1,234,270	246,546	54,093	122,123	73,383	346,154	391,972
South Wolo	1,666,264	307,067	63,328	119,582	50,952	337,466	787,869
North Shewa	1,184,172	107,325	37,949	95,245	44,255	391,165	508,233
East Gojam	832,717	78,881	33,118	75,349	31,222	212,819	401,328
West Gojam	1,700,718	106,188	60,625	139,376	62,686	869,587	462,255
Waghamera	355,159	43,712	15,479	28,984	17,898	143,176	105,909
Awi	533,489	30,163	18,388	46,028	20,696	260,099	158,114
Oromia	227,090	30,526	9,424	16,832	8,463	99,607	62,237
Argoba Special	32,418	5,125	1,540	2,627	2,110	12,676	8,340
Oromia	13,286,890	1,508,984	577,889	1,052,250	558,111	4,969,815	4,619,840
West Wellega	975,235	105,573	42,271	73,152	19,467	471,063	263,709
East Wellega	725,427	72,783	32,012	49,611	18,790	359,999	192,232
Illubabor	952,221	114,160	38,763	70,711	28,244	409,442	290,901
Jimma	1,110,041	113,834	19,674	58,306	26,850	489,870	401,506
West Shewa	880,491	82,534	24,535	57,130	35,539	358,801	321,952
North Shewa	527,619	63,562	10,256	31,779	35,486	128,915	257,622
East Shewa	715,377	87,904	40,892	62,061	50,594	191,972	281,954
Arsi	1,270,019	163,564	64,657	108,814	60,746	380,494	491,745
West Harerghe	964,975	99,272	47,697	101,396	33,849	349,818	332,943
East Harerghe	1,081,470	120,613	65,100	103,017	36,968	251,383	504,387
Bale	385,296	47,720	21,477	45,917	18,539	107,979	143,664
Borena	665,745	82,980	47,064	62,673	35,973	257,374	179,681
South West Shewa	467,495	42,539	5,898	24,028	20,984	179,887	194,160
Guji	817,995	120,491	42,885	64,657	61,794	284,832	243,336
West Arsi	681,240	77,518	32,402	56,718	38,661	228,504	247,437
Kelem Wellega	713,777	73,157	28,641	61,453	23,564	340,770	186,192
Horoguduru Wellega	352,467	40,781	13,665	20,825	12,065	178,711	86,420

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	77,367	10,486	6,925	8,459	2,004	21,862	27,632
Shinele	2,949	392	*	*	*	1,069	1,267
Jijiga	*	*	*	*	*	*	*
Liben	65,748	8,536	5,501	7,749	*	19,668	22,685
Benshangul-Gumuz	771,746	66,748	48,774	78,525	16,081	403,760	157,858
Metekel	374,934	31,168	27,542	39,068	7,370	194,395	75,390
Asosa	202,793	17,635	11,111	20,614	4,660	105,070	43,703
Kemeshi	116,152	11,531	5,624	11,033	*	62,420	22,438
Pawe Special	29,168	1,660	1,678	3,176	454	16,369	5,832
Mao Komo	48,699	4,753	2,818	4,635	492	25,506	10,495
SNNP	6,612,756	615,911	282,848	508,872	203,451	2,892,538	2,109,137
Gurage	522,665	46,876	16,466	27,150	22,480	184,536	225,158
Hadiya	569,592	34,993	9,042	29,854	7,639	323,595	164,469
Kembata Tembaro	232,365	11,876	3,948	12,079	1,520	120,034	82,909
Sidama	719,291	56,784	16,131	55,487	14,460	287,283	289,146
Gedio	170,848	19,020	5,171	18,314	1,752	54,908	71,682
Wolayita	507,941	32,330	22,689	37,255	14,415	245,353	155,899
South Omo	553,316	76,939	55,253	54,252	27,804	201,171	137,897
Shaka	110,162	8,055	7,384	9,439	620	45,301	39,363
Kaffa	789,592	80,288	32,300	63,441	21,779	385,473	206,311
Gamo Gofa	657,529	62,082	21,864	49,391	19,944	309,835	194,414
Bench Maji	598,943	62,928	41,295	61,988	23,143	262,974	146,615
Yem Sp. Wereda	26,667	1,942	497	1,496	*	10,728	11,775
Amaro Sp. Wereda	54,804	8,538	3,560	4,757	1,435	20,960	15,554
Burji Sp. Wereda	22,875	3,080	1,076	1,837	573	9,347	6,964
Konso Sp. Wereda	145,828	18,942	6,940	12,344	8,770	46,801	52,032
Derashe Sp. Wereda	104,472	17,442	6,206	9,885	6,740	33,416	30,784
Dawro	170,215	15,854	6,034	7,298	10,186	77,343	53,500
Basketo Sp. Wereda	36,785	4,323	2,867	2,737	1,242	13,812	11,803
Konta Sp. Wereda	55,339	5,979	2,051	4,613	2,595	23,398	16,703
Silte	453,663	38,598	18,405	36,698	11,702	187,180	161,080
Alaba Sp. Wereda	109,867	9,043	3,669	8,560	4,421	49,090	35,084
Gambela Region	200,866	21,666	20,564	26,260	9,204	78,744	44,428
Angnuwak	114,874	11,218	12,744	15,472	5,990	48,491	20,958
Nuware	8,326	1,354	629	1,037	1,072	2,190	2,043
Mezhenger	46,806	4,721	3,105	4,834	1,352	17,695	15,099
Itang Special	30,860	4,373	4,085	4,917	789	10,368	6,328
Harari	31,544	4,067	2,162	2,596	2,227	9,010	11,481
Hundene	31,544	4,067	2,162	2,596	2,227	9,010	11,481
Dire Dawa	46,811	4,143	2,466	4,263	2,737	8,589	24,613

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,167,933	115,888	59,765	111,858	43,975	373,553	462,893
Tigray	368,162	33,094	21,921	45,306	16,605	117,157	134,080
North West Tigray	74,107	5,935	*	*	5,198	32,048	16,940
Central Tigray	175,318	15,685	9,421	23,440	4,292	57,423	65,058
Eastern Tigray	49,857	5,013	2,083	5,649	3,252	8,567	25,293
Southern Tigray	58,219	5,558	3,727	6,507	2,423	15,798	24,206
Western Tigray	*	903	*	-	-	-	2,584
Afar	1,024	*	-	-	-	-	469
Zone 1	*	-	-	-	-	-	*
Zone 3	*	*	-	-	-	-	*
Amhara	371,217	28,653	16,750	31,105	9,242	139,943	145,523
North Gondar	70,865	5,340	-	10,670	-	29,189	18,935
South Gondar	48,661	1,706	-	-	-	25,699	13,804
North Wolo	4,830	-	-	*	*	*	2,980
South Wolo	26,348	4,884	-	-	-	-	16,855
North Shewa	63,218	5,629	-	*	-	20,204	29,876
East Gojam	39,724	3,538	-	*	-	*	22,207
West Gojam	77,567	4,597	-	*	-	*	29,514
Waghamera	*	*	-	*	-	-	*
Awi	37,560	2,417	2,237	3,186	*	20,084	9,444
Oromia	1,553	*	-	*	-	-	1,257
Argoba Special	-	-	-	-	-	-	-
Oromia	348,183	44,636	13,530	23,467	15,277	98,784	152,489
West Wellega	10,238	-	-	-	-	5,246	2,644
East Wellega	*	*	-	-	-	-	2,166
Illubabor	16,319	3,046	-	*	-	-	4,144
Jimma	28,500	4,716	-	-	-	-	14,016
West Shewa	52,754	-	-	2,048	-	*	18,858
North Shewa	33,737	5,172	-	*	-	-	14,164
East Shewa	25,496	2,134	-	-	*	-	13,238
Arsi	76,022	10,758	-	-	*	23,082	34,251
West Harerghe	20,921	*	-	-	-	-	8,331
East Harerghe	9,650	*	-	-	-	-	7,363
Bale	15,935	2,115	-	-	*	-	6,564
Borena	3,362	-	-	-	-	-	-
South West Shewa	13,341	1,770	-	-	-	-	7,335
Guji	*	*	-	-	-	-	-
West Arsi	19,500	-	-	-	-	-	10,455
Kelem Wellega	*	*	-	-	-	-	*
Horoguduru Wellega	-	-	-	-	-	-	-

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	2,011	437		247	*	516	660
Metekel	*	*					*
Asosa							
Kemeshi							
Pawe Special	746	35			*	516	104
Mao Komo	*						*
SNNP	74,552	8,390	7,458	11,463	2,480	16,653	28,108
Gurage	11,534	*	*	*		*	5,141
Hadiya	2,943						2,359
Kembata Tembaro	5,954	686		*			3,771
Sidama	5,742	*					
Gedio	*		*	*	*		*
Wolayita	*	*					*
South Omo	*		*	*			*
Shaka	2,308	337		368	*		943
Kaffa	*						*
Gamo Gofa							
Bench Maji		655					
Yem Sp. Wereda	*	*			*		*
Amaro Sp. Wereda	*	*		*	*		
Burji Sp. Wereda							
Konso Sp. Wereda	940	*					*
Derashe Sp. Wereda							
Dawro							
Basketo Sp. Wereda	984	174				*	251
Konta Sp. Wereda							
Silte	4,179				*	*	2,670
Alaba Sp. Wereda	*	*	*	*			968
Gambela Region	*			*	*		*
Angnuwak	*			*	*		*
Nuware							
Mezhenger							
Itang Special							
Harari	1,269	347	*	*			601
Hundene	1,269	347	*	*			601
Dire Dawa	1,223						806

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	203,441	39,451	3,216	18,251	13,238	20,724	108,561
Tigray	83,876	7,559	-	7,943	4,140	-	52,481
North West Tigray	-	-	*	*	-	-	5,856
Central Tigray	26,119	1,362	-	4,347	-	-	18,971
Eastern Tigray	11,087	-	-	-	-	-	7,444
Southern Tigray	25,363	-	-	-	-	-	20,210
Western Tigray	*	-	*	*	*	*	-
Afar	-	*	*	*	*	*	-
Zone 1	*	*	-	*	-	-	*
Zone 3	*	-	*	*	*	*	*
Amhara	59,637	20,427	-	3,977	3,437	-	24,444
North Gondar	2,381	-	*	-	*	-	-
South Gondar	-	-	*	*	*	-	-
North Wolo	15,149	7,033	-	-	*	*	-
South Wolo	8,078	-	*	-	-	*	-
North Shewa	-	-	*	*	*	-	-
East Gojam	6,057	1,666	*	*	*	*	3,394
West Gojam	-	-	*	*	*	*	-
Waghamera	*	*	-	-	-	-	*
Awi	5,026	1,304	-	-	*	-	3,170
Oromia	-	-	-	-	-	*	-
Argoba Special	*	*	-	-	*	-	*
Oromia	37,934	7,538	-	-	-	-	22,282
West Wellega	-	*	-	*	*	-	-
East Wellega	*	*	-	-	-	*	-
Illubabor	3,298	-	*	*	*	*	2,080
Jimma	-	-	-	*	*	*	-
West Shewa	-	1,166	*	-	-	*	7,517
North Shewa	-	-	*	*	*	*	-
East Shewa	-	-	*	*	*	*	-
Arsi	7,521	-	*	*	*	-	2,309
West Harerghe	-	*	*	*	*	*	-
East Harerghe	-	*	-	*	*	*	-
Bale	-	-	*	*	*	*	-
Borena	-	*	-	*	*	*	*
South West Shewa	-	-	*	*	*	*	-
Guji	*	-	-	-	-	-	*
West Arsi	-	*	-	-	*	*	-
Kelem Wellega	*	*	*	*	*	*	*
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	354		*		*		
Metekel	*	*			*		*
Asosa	*	*		*			*
Kemeshi							
Pawe Special	136	67	*	*			38
Mao Komo	*	*	*	*			*
SNNP	19,877	3,667					8,220
Gurage		*	*	*	*	*	*
Hadiya		*			*	*	*
Kembata Tembaro				*	*	*	*
Sidama		*	*	*	*	*	*
Gedio	*	*	*	*	*	*	*
Wolayita	*	*	*	*	*	*	*
South Omo	*	*			*	*	*
Shaka	474	219	*			*	209
Kaffa	*	*	*	*	*	*	*
Gamo Gofa	*	*			*	*	*
Bench Maji	2,818	1,426	*	*	*	*	1,392
Yem Sp. Wereda	*						*
Amaro Sp. Wereda	*	*					*
Burji Sp. Wereda	*	*	*	*			*
Konso Sp. Wereda		*					*
Derashe Sp. Wereda	*	*				*	*
Dawro	*						*
Basketo Sp. Wereda			*	*		*	*
Konta Sp. Wereda	*	*					*
Silte		*	*			*	*
Alaba Sp. Wereda	*		*	*		*	*
Gambela Region	*	*	*		*	*	*
Angnuwak	*	*	*		*	*	*
Nuware							
Mezhenger	*				*		*
Itang Special							
Harari	550	89		*	*	*	415
Hundene	550	89		*	*	*	415
Dire Dawa		*	*	*	*	*	

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	5,149,244	39,660,647	5,013,849	1.51	37,024,970	34,552	1.62	492,341	100,843	1.55	2,143,335
Tigray	255,607	3,904,848	209,719	1.5	2,743,990	4,174	1.62	38,662	41,714	1.51	1,122,196
North West Tigray	51,597	834,255	39,796	1.49	505,921	*	*	*	10,971	1.42	321,548
Central Tigray	82,664	1,861,040	64,000	1.34	1,307,605	*	*	*	18,056	1.42	547,589
Eastern Tigray	46,734	426,158	36,290	1.59	214,987	2,737	1.55	26,028	7,707	1.73	185,142
Southern Tigray	52,627	536,074	48,605	1.46	481,332	-	-	-	*	1.61	*
Western Tigray	21,986	247,320	21,027	2.01	234,145	-	-	-	958	*	*
Afar	*	*	*	*	*	-	-	-	*	*	*
Zone 1											
Zone 3	*	*	*	*	*	-	-	-	*	*	*
Amhara	996,469	10,834,495	943,739	1.49	9,849,303	10,442	1.48	174,531	42,288	1.43	810,661
North Gonder	223,694	2,864,108	219,804	1.66	2,714,248	*	*	*	*	*	*
South Gonder	82,381	753,574	81,497	1.3	737,123	*	*	*	*	*	-
North Wolo	58,756	505,270	53,886	1.45	470,705	*	*	*	2,489	1.52	14,882
South Wolo	120,887	790,664	110,520	1.46	718,095	1,468	*	*	8,899	1.32	69,342
North Shewa	51,220	257,815	50,144	1.48	248,928	*	*	*	*	*	*
East Gojam	163,581	2,501,443	157,477	1.7	2,351,336	*	*	*	*	2.02	*
West Gojam	148,378	2,028,307	129,938	1.38	1,595,082	*	*	*	*	1.46	*
Waghamera	61,987	376,466	56,984	1.13	302,296	*	*	*	4,359	1.32	68,918
Awi	71,733	669,287	70,489	1.53	638,302	-	-	-	*	1.34	30,986
Oromia	11,940	74,564	11,194	1.15	61,651	-	-	-	*	*	*
Argoba Special	1,913	12,996	1,807	1.09	11,539	*	*	*	*	*	*
Oromia	2,829,536	15,492,273	2,801,855	1.46	15,130,741	13,243	1.66	188,196	14,438	1.73	173,336
West Wellega	275,629	794,209	274,538	1.17	789,729	*	*	*	*	*	*
East Wellega	363,001	1,421,343	361,484	1.14	1,412,387	-	-	-	*	*	*
Illubabor	600,835	3,030,584	598,418	1.26	2,995,491	-	*	*	*	*	*
Jimma	418,831	2,315,905	413,153	1.43	2,188,550	*	*	*	4,398	1.49	99,832
West Shewa	126,417	583,083	121,185	1.22	563,339	*	*	*	*	*	*
North Shewa	62,703	441,987	62,432	1.71	436,563	-	-	-	*	*	*
East Shewa	18,810	138,644	18,588	1.93	136,069	-	*	*	*	-	-
Arsi	103,682	912,582	99,675	1.57	820,427	*	1.6	77,120	*	*	*
West Harerghe	68,539	493,327	68,539	1.76	493,327	-	*	-	-	-	-
East Harerghe	70,163	465,748	69,422	1.47	464,217	-	-	-	*	*	*
Bale	112,981	1,220,240	112,811	1.7	1,219,583	-	-	-	*	*	*
Borena	72,237	437,893	72,237	1.77	437,893	-	-	-	-	-	-
South West Shewa	58,567	234,233	58,033	1.67	230,126	*	*	*	*	*	*
Guji	218,880	1,853,884	218,880	1.36	1,853,884	-	-	-	-	*	-
West Arsi	76,311	580,636	71,223	1.53	521,523	*	*	*	*	*	*
Kelem Wellega	70,205	292,543	69,782	1.09	292,203	-	*	-	*	*	*
Horoguduru Wellega	111,746	275,432	111,456	1.37	275,432	-	*	-	*	*	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Somale	*	*	*	1.73	*	-	-	-	-	-	-
Shinele	*	*	*	*	*	-	-	-	-	-	-
Jijiga	*	*	*	*	*	-	-	-	-	-	-
Liben	*	*	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	199,817	1,009,031	199,773	1.17	1,008,642	-	-	-	44	1.23	389
Metekel	95,797	645,895	95,797	1.2	645,895	-	-	-	-	-	-
Asosa	61,207	195,238	61,207	1.07	195,238	-	-	-	-	-	-
Kemeshi	*	26,549	*	1.07	26,197	-	-	-	35	1	352
Pawe Special	808	9,595	799	1.84	9,558	-	-	-	*	*	*
Mao Komo	30,532	131,755	30,532	1.27	131,755	-	-	-	-	-	-
SNNP	775,037	5,847,021	766,246	1.72	5,724,001	6,498	1.73	87,067	2,292	2	35,952
Gurage	45,425	208,451	43,330	1.87	189,890	*	*	*	*	2.21	9,008
Hadiya	34,684	520,792	33,672	1.9	492,984	*	*	*	*	*	*
Kembata Tembaro	17,259	135,494	16,703	1.94	129,266	*	*	*	*	*	*
Sidama	44,492	270,379	43,712	1.66	246,978	*	*	*	-	*	*
Gedio	66,015	330,198	65,875	1.18	329,496	*	*	*	-	-	-
Wolayita	14,749	79,603	14,749	2.57	79,603	-	-	-	-	-	-
South Omo	101,260	628,217	100,520	1.79	627,519	*	*	*	-	-	-
Shaka	79,441	561,895	78,605	1.2	547,201	*	1.28	14,693	-	-	-
Kaffa	150,299	977,470	148,907	1.18	958,661	*	*	*	-	-	-
Gamo Gofa	40,286	243,976	40,286	1.9	243,976	-	-	-	-	-	-
Bench Maji	59,546	746,607	59,431	1.91	745,051	*	*	*	-	-	-
Yem Sp. Wereda	7,447	84,287	7,371	1.46	83,797	-	-	-	*	*	*
Amaro Sp. Wereda	5,016	21,299	5,016	1.34	21,085	-	*	*	-	*	*
Burji Sp. Wereda	1,158	4,720	1,158	1.21	4,653	-	*	*	-	-	-
Konso Sp. Wereda	26,518	194,405	26,103	1.88	194,405	*	-	-	-	*	-
Derashe Sp. Wereda	6,038	37,366	6,038	1.93	37,366	-	-	-	-	-	-
Dawro	11,949	49,535	11,685	1.4	49,535	*	-	-	-	-	-
Basketo Sp. Wereda	5,083	*	5,083	1.55	*	-	-	-	-	-	-
Konta Sp. Wereda	*	*	*	1.72	*	-	-	-	-	-	-
Silte	23,280	377,481	23,119	2.2	370,972	*	*	*	-	-	-
Alaba Sp. Wereda	4,554	72,881	4,347	1.71	69,597	*	*	*	*	-	-
Gambella Region	89,667	2,558,457	89,561	2.32	2,555,618	*	*	*	-	*	-
Agnuwak	*	*	*	2.66	*	*	*	*	-	*	-
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	32,963	416,370	32,913	2.06	415,323	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-
Harari	852	4,701	852	1.75	4,701	-	-	-	-	*	-
Hundene	852	4,701	852	1.75	4,701	-	-	-	-	*	-
Dire Dawa	890	3,763	801	1.48	2,716	*	*	*	-	-	-

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	9,410,527	4,498,344	4,912,183	3,610,609	2,083,932	1,526,677	640,373	282,503	357,870
Tigray	590,437	275,164	315,273	145,272	92,712	52,561	19,807	10,750	9,057
North West Tigray	175,629	81,489	94,140	23,788	14,510	9,278	6,052	3,953	2,100
Central Tigray	115,323	48,451	66,872	46,745	30,809	15,936	4,839	2,829	2,009
Eastern Tigray	73,371	36,888	36,483	23,072	15,416	7,656	765	*	608
Southern Tigray	123,493	59,881	63,611	39,302	25,807	13,496	6,222	2,956	3,266
Western Tigray	102,620	48,454	54,166	12,366	6,171	6,195	1,929	855	1,074
Afar	145,099	52,469	92,630	4,836	2,416	2,420	954	343	611
Zone 1	76,997	28,099	48,899	1,439	759	680	760	*	558
Zone 3	68,102	24,371	43,731	3,397	1,658	1,740	*	*	*
Amhara	1,980,024	941,593	1,038,431	906,661	602,573	304,088	70,807	28,411	42,397
North Gonder	461,606	211,128	250,478	110,846	77,552	33,294	10,011	*	6,787
South Gonder	158,705	81,697	77,009	82,772	51,561	31,211	3,257	*	2,915
North Wolo	213,205	96,968	116,237	104,149	61,749	42,400	11,345	3,634	7,711
South Wolo	327,895	158,504	169,390	193,303	129,060	64,243	17,854	6,299	11,555
North Shewa	128,912	68,189	60,723	112,512	83,718	28,795	9,130	4,631	4,499
East Gojam	217,721	94,720	123,001	118,806	77,714	41,092	10,596	5,906	4,690
West Gojam	231,533	115,021	116,512	119,982	79,600	40,382	*	*	*
Waghamera	69,912	32,743	37,170	11,120	7,608	3,512	2,995	1,710	1,285
Awi	115,047	55,497	59,550	35,652	21,344	14,308	*	*	*
Oromia	51,880	25,470	26,409	15,782	11,445	4,337	1,672	774	898
Argoba Special	3,607	1,656	1,951	1,737	1,223	513	201	112	89
Oromia	4,300,127	2,118,726	2,181,401	1,579,733	951,109	628,624	307,533	148,764	158,769
West Wellega	143,511	67,522	75,988	90,011	65,694	24,316	1,173	*	*
East Wellega	197,102	95,419	101,683	79,743	49,996	29,746	13,449	8,563	4,886
Illubabor	213,194	106,534	106,660	64,986	35,243	29,743	35,684	*	11,773
Jimma	339,284	170,484	168,801	164,763	101,454	63,309	66,196	32,821	33,376
West Shewa	301,201	152,354	148,847	160,507	92,719	67,788	27,210	11,311	15,899
North Shewa	243,670	119,914	123,756	108,697	68,950	39,747	14,376	5,905	8,471
East Shewa	164,781	78,725	86,056	66,827	46,727	20,099	5,037	1,681	3,356
Arsi	490,426	237,138	253,288	176,695	115,059	61,636	12,199	5,312	6,888
West Harerghe	271,916	143,301	128,615	107,481	62,926	44,554	29,675	15,847	13,828
East Harerghe	360,981	191,192	169,788	102,273	54,528	47,745	47,278	16,137	31,141
Bale	238,728	112,527	126,201	87,480	55,560	31,920	8,838	3,338	5,500
Borena	303,910	147,199	156,711	47,197	24,725	22,472	*	*	*
South West Shewa	91,230	41,954	49,276	63,498	39,781	23,717	8,906	5,262	3,644
Guji	357,998	175,722	182,276	81,294	36,530	44,764	3,974	*	*
West Arsi	417,524	199,274	218,250	96,303	51,339	44,963	18,489	11,139	7,349
Kelem Wellega	74,454	34,398	40,056	49,308	31,753	17,555	4,623	1,840	2,783
Horoguduru Wellega	90,218	45,069	45,149	32,671	18,124	14,547	2,608	649	1,960

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	180,632	82,985	97,648	5,756	2,813	2,943	1,295	357	939
Shinele	5,535	2,971	2,564	*	*	116	*	*	*
Jijiga	103,798	47,981	55,817	2,565	1,908	657	569	301	*
Liben	71,300	32,033	39,267	2,796	*	2,170	526	-	526
Benshangul-Gumuz	88,717	40,251	48,466	34,875	19,352	15,523	1,722	966	756
Metekel	62,752	28,440	34,312	12,083	6,873	5,210	1,033	596	*
Asosa	12,183	5,788	6,395	16,250	8,671	7,579	581	327	*
Kemeshi	5,083	1,978	3,105	1,811	1,004	808	*	*	*
Pawe special	3,854	1,915	1,939	2,725	1,575	1,151	*	-	*
Mao Komo	4,846	2,131	2,715	2,006	1,230	776	*	*	*
SNNP	2,067,600	961,255	1,106,345	920,675	407,118	513,557	232,578	91,419	141,160
Gurage	203,507	92,163	111,345	75,944	29,777	46,167	20,508	4,483	16,025
Hadiya	133,130	62,394	70,737	73,741	38,573	35,167	27,544	12,419	15,125
Kembata Tembaro	58,324	29,085	29,240	38,483	18,127	20,355	8,360	5,209	3,151
Sidama	408,085	185,802	222,282	165,354	26,805	138,549	8,742	*	6,727
Gedio	22,560	11,356	11,204	97,040	52,497	*	1,392	*	1,225
Wolayita	178,962	89,310	89,651	122,484	62,214	60,270	5,314	2,430	2,884
South Omo	198,265	86,774	111,491	29,606	15,942	13,663	19,735	9,488	10,247
Shaka	24,937	13,063	11,874	12,330	6,501	5,829	7,127	2,683	4,443
Kaffa	215,446	100,554	114,892	61,444	30,460	30,984	23,054	7,527	15,527
Gamo Gofa	219,872	101,610	118,262	96,283	49,257	47,026	40,872	15,159	25,713
Bench Maji	106,556	51,600	54,957	38,869	16,551	22,318	34,688	11,776	22,913
Yem Sp. Wereda	9,400	4,842	4,559	5,774	2,965	2,809	1,858	779	1,079
Amaro Sp. Wereda	19,271	9,279	9,992	11,795	7,950	3,845	1,974	502	*
Burji Sp. Wereda	5,746	3,027	2,719	2,406	1,218	1,187	244	153	91
Konso Sp. Wereda	25,719	11,813	13,906	4,453	2,364	2,089	1,277	848	429
Derashe Sp. Wereda	7,783	3,365	4,418	3,925	2,906	1,018	2,560	1,787	773
Dawro	90,278	41,214	49,064	30,136	13,597	16,539	2,538	1,134	1,404
Basketo Sp. Wereda	6,782	2,929	3,853	4,414	2,416	1,998	3,107	1,295	1,812
Konta Sp. Wereda	16,490	7,487	9,003	6,112	3,399	2,713	798	219	580
Silte	84,165	38,382	45,783	33,251	19,607	13,645	17,754	9,763	7,991
Alaba Sp. Wereda	32,322	15,208	17,114	6,831	3,990	2,841	3,132	1,583	1,549
Gambela Region	34,268	14,763	19,505	8,845	3,455	5,390	4,202	1,064	3,139
Angnuwak	2,098	1,016	1,083	2,337	1,766	*	*	*	*
Nuware	21,655	7,983	13,671	2,466	714	1,752	*	691	*
Mezhenger	6,440	3,771	2,669	3,889	921	2,968	945	184	761
Itang Special	4,075	1,993	2,082	*	*	*	*	*	*
Harari	11,408	5,393	6,015	2,030	1,109	921	726	214	511
Hundene	11,408	5,393	6,015	2,030	1,109	921	726	214	511
Dire Dawa	12,214	5,746	6,468	1,927	1,276	651	747	216	531

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	11,138,442	5,238,603	5,899,839	3,440,083	1,558,564	1,881,519	390,949	68,960	321,989
Tigray	538,561	240,822	297,739	132,170	35,050	97,120	4,438	*	2,925
North West Tigray	51,960	23,233	28,727	10,914	*	9,340	*	-	*
Central Tigray	147,763	69,089	78,674	26,650	2,481	24,169	-	-	-
Eastern Tigray	222,714	101,390	121,324	42,661	9,697	32,964	1,825	*	*
Southern Tigray	97,762	37,958	59,804	49,036	20,638	28,398	*	*	*
Western Tigray	18,362	9,152	9,210	2,909	*	2,249	-	-	-
Afar	159,757	60,900	98,857	10,322	6,824	3,498	1,138	551	587
Zone 1	83,859	34,768	49,090	5,836	3,992	1,845	1,126	551	575
Zone 3	75,898	26,132	49,767	4,486	2,833	1,653	*	-	*
Amhara	4,374,781	2,111,114	2,263,667	1,682,857	895,101	787,756	86,298	25,183	61,116
North Gonder	488,627	209,206	279,421	126,294	55,156	71,138	*	*	*
South Gonder	479,988	240,087	239,901	130,192	62,061	68,131	*	*	*
North Wolo	486,246	222,005	264,241	179,538	69,261	110,277	17,292	*	14,050
South Wolo	992,169	475,080	517,089	457,269	266,760	190,509	34,591	*	23,250
North Shewa	460,769	217,014	243,754	78,609	37,329	41,279	6,733	2,119	4,614
East Gojam	724,564	381,283	343,281	282,508	149,093	133,415	12,812	4,113	8,699
West Gojam	471,182	234,942	236,240	289,881	164,852	125,030	2,713	*	*
Waghamera	52,480	23,764	28,716	12,537	4,015	8,522	*	-	*
Awi	211,425	104,422	107,002	112,782	76,864	35,917	*	*	*
Oromia	7,187	3,216	3,972	12,920	9,382	3,539	*	*	-
Argoba Special	144	95	49	327	327	-	-	-	-
Oromia	4,160,374	1,934,317	2,226,057	1,059,911	438,171	621,740	164,371	21,910	142,461
West Wellega	138,451	65,898	72,553	40,864	8,628	32,237	1,256	*	*
East Wellega	169,671	76,935	92,736	37,928	15,788	22,140	3,389	*	2,652
Illubabor	219,910	97,874	122,035	46,460	9,091	37,369	12,602	1,120	11,482
Jimma	408,692	194,722	213,971	106,509	38,149	68,360	49,256	*	46,370
West Shewa	447,439	214,756	232,683	93,964	40,908	53,057	22,108	3,072	19,036
North Shewa	582,104	274,587	307,517	196,034	133,111	62,923	20,385	1,838	18,547
East Shewa	209,990	94,036	115,954	55,397	20,431	34,966	3,944	*	3,738
Arsi	679,937	308,554	371,383	127,505	48,254	79,251	*	*	3,072
West Harerghe	89,173	50,312	38,861	31,156	4,597	26,559	10,466	*	9,219
East Harerghe	113,065	50,732	62,333	34,029	17,170	16,859	14,553	1,835	12,718
Bale	113,809	51,981	61,828	*	*	18,033	3,217	1,363	*
Borena	100,624	44,912	55,712	23,463	6,591	16,872	*	*	*
South West Shewa	82,066	38,901	43,165	54,961	34,843	20,118	2,369	-	2,369
Guji	189,956	84,841	105,115	46,111	8,626	37,485	*	-	*
West Arsi	403,527	183,209	220,317	80,484	22,864	57,620	6,167	*	5,882
Kelem Wellega	108,284	51,852	56,431	31,482	6,802	24,680	3,083	*	2,549
Horoguduru Wellega	103,676	50,214	53,462	23,115	9,904	13,211	*	-	*

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	387,752	181,436	206,316	13,425	6,628	6,797	6,173	2,679	3,493
Shinele	62,722	26,319	36,402	605	167	*	*	*	*
Jijiga	259,853	126,774	133,080	*	*	*	*	1,605	*
Liben	65,177	28,343	36,834	4,831	1,476	3,355	*	*	*
Benshangul-Gumuz	46,362	21,732	24,631	14,418	3,917	10,502	365	*	338
Metekel	27,290	13,004	14,287	5,923	2,578	3,345	-	-	-
Asosa	7,705	3,507	4,198	4,187	756	3,431	*	-	*
Kemeshi	3,760	1,844	1,916	2,270	*	2,022	-	-	-
Pawe special	690	313	378	574	175	399	*	-	*
Mao Komo	6,916	3,064	3,852	1,464	161	1,304	293	*	266
SNNP	1,447,150	676,956	770,193	517,770	168,575	349,195	126,119	16,755	109,365
Gurage	137,961	67,701	70,260	47,837	19,835	28,002	11,353	*	10,653
Hadiya	110,113	50,621	59,493	35,914	9,781	26,134	15,309	2,346	12,963
Kembata Tembaro	37,877	18,587	19,291	21,275	10,428	10,847	6,747	1,098	5,648
Sidama	170,298	73,718	96,581	83,188	14,722	68,466	*	-	*
Gedio	77,880	42,637	35,243	51,065	14,874	36,191	*	*	607
Wolayita	60,154	25,182	34,972	49,361	12,873	36,488	7,538	*	6,852
South Omo	147,089	63,958	83,131	14,603	4,478	10,126	4,762	*	4,277
Shaka	32,901	15,476	17,425	18,161	9,612	8,549	4,835	666	4,170
Kaffa	214,893	105,810	109,082	51,799	25,934	25,864	28,120	*	23,425
Gamo Gofa	126,678	54,958	71,720	46,172	12,738	33,435	12,440	1,717	10,723
Bench Maji	74,731	37,234	37,497	30,299	8,454	21,845	14,727	*	13,848
Yem Sp. Wereda	12,160	5,647	6,513	2,564	*	2,203	728	*	703
Amaro Sp. Wereda	10,558	4,548	6,010	2,869	1,091	1,778	*	*	*
Burji Sp. Wereda	929	539	389	*	*	*	-	-	-
Konso Sp. Wereda	31,625	13,403	18,223	5,988	2,808	3,180	3,538	991	2,548
Derashe Sp. Wereda	6,093	3,163	2,929	2,044	651	1,393	995	*	731
Dawro	47,787	23,089	24,698	24,272	9,601	14,671	778	*	442
Basketo Sp. Wereda	6,086	2,460	3,626	2,453	508	1,945	1,043	*	955
Konta Sp. Wereda	7,103	4,063	3,040	5,137	3,628	1,509	650	291	359
Silte	110,846	53,148	57,698	20,866	5,610	15,256	10,164	1,156	9,008
Alaba Sp. Wereda	23,389	11,014	12,375	1,600	528	1,071	956	*	886
Gambela Region	8,730	4,239	4,491	5,596	2,489	3,107	756	*	626
Angnuwak	*	*	*	*	*	*	-	-	-
Nuware	2,710	1,298	1,412	501	*	390	*	*	*
Mezhenger	5,418	2,682	2,735	4,837	2,236	2,601	458	*	435
Itang Special	*	*	*	*	*	*	*	*	*
Harari	1,094	699	395	860	673	187	*	-	*
Hundene	1,094	699	395	860	673	187	*	-	*
Dire Dawa	13,881	6,389	7,492	2,754	1,137	1,617	1,160	212	948

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	9,154,093	4,262,607	4,891,486	1,729,980	577,231	1,152,749	234,540	53,281	181,259
Tigray	1,222,906	539,521	683,384	160,261	45,409	114,852	*	3,708	*
North West Tigray	392,512	164,432	228,080	38,171	11,535	26,636	*	*	*
Central Tigray	492,514	224,796	267,718	47,298	7,877	39,420	*	*	*
Eastern Tigray	90,102	38,585	51,517	12,575	3,080	9,496	*	-	*
Southern Tigray	125,597	53,915	71,683	41,447	17,927	23,519	*	*	*
Western Tigray	122,181	57,794	64,388	20,771	4,990	15,780	*	*	*
Afar	285,795	107,227	178,568	11,733	7,043	4,690	3,323	1,164	2,159
Zone 1	143,480	55,044	88,436	4,977	3,094	1,883	2,510	921	1,588
Zone 3	142,315	52,183	90,133	6,756	3,949	2,807	*	*	*
Amhara	2,815,259	1,354,417	1,460,842	705,244	280,587	424,657	49,409	12,644	36,765
North Gonder	697,277	331,509	365,767	111,873	37,590	74,283	*	*	*
South Gonder	330,485	157,681	172,804	91,153	42,335	48,818	*	*	*
North Wolo	284,381	134,848	149,533	82,720	27,880	54,840	*	*	*
South Wolo	341,268	174,216	167,051	111,992	52,250	59,742	*	*	*
North Shewa	356,111	185,011	171,101	69,890	32,798	37,091	9,883	*	8,057
East Gojam	283,530	136,060	147,470	89,042	36,785	52,257	*	*	*
West Gojam	183,865	86,160	97,706	53,195	19,313	33,882	*	-	*
Waghamera	207,504	87,099	120,405	46,558	6,018	40,539	6,141	*	4,823
Awi	52,732	23,256	29,476	27,250	18,108	9,142	*	*	*
Oromia	69,323	34,213	35,111	20,047	6,903	13,144	*	*	*
Argoba Special	8,783	4,365	4,418	1,525	607	918	*	*	-
Oromia	3,127,613	1,489,938	1,637,675	561,063	165,523	395,540	106,250	23,181	83,069
West Wellega	49,738	21,748	27,990	10,801	*	8,499	*	*	-
East Wellega	115,592	54,963	60,629	22,558	4,979	17,579	*	*	*
Illubabor	95,634	47,935	47,699	23,042	4,388	18,654	3,999	*	3,831
Jimma	120,800	58,156	62,644	*	*	20,482	10,111	*	8,212
West Shewa	146,234	74,294	71,940	44,385	13,874	30,510	3,540	-	3,540
North Shewa	112,567	52,797	59,770	30,979	13,381	17,598	*	-	*
East Shewa	219,394	93,588	125,806	26,360	10,416	15,944	*	*	*
Arsi	279,662	138,078	141,584	39,413	10,762	28,652	6,066	1,571	4,495
West Harerghe	355,867	162,186	193,681	59,938	18,491	41,448	18,513	3,164	15,348
East Harerghe	462,181	235,886	226,296	92,790	30,574	62,216	28,954	4,935	24,019
Bale	323,154	146,278	176,876	40,390	9,489	30,902	6,436	1,864	4,572
Borena	295,640	126,036	169,604	36,185	8,846	27,340	10,304	*	6,342
South West Shewa	77,298	40,737	36,561	16,623	6,967	9,656	4,923	*	2,384
Guji	195,819	99,946	95,872	20,468	3,849	16,620	-	-	-
West Arsi	150,018	79,094	70,924	41,863	9,379	32,484	3,235	*	2,262
Kelem Wellega	66,884	30,015	36,869	12,062	*	9,953	2,276	577	*
Horoguduru Wellega	61,131	28,201	32,930	10,696	3,691	7,005	*	*	1,415

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	477,405	210,147	267,258	16,603	4,938	11,665	6,150	1,772	4,378
Shinele	114,435	47,612	66,823	*	910	*	*	*	*
Jijiga	201,702	97,481	104,221	7,334	*	5,392	1,483	*	*
Liben	161,268	65,054	96,215	6,058	2,086	3,971	1,146	*	522
Benshangul-Gumuz	217,323	92,768	124,555	42,683	9,573	33,110	2,062	*	1,964
Metekel	86,880	39,896	46,984	11,885	4,739	7,146	*	-	*
Asosa	93,696	36,854	56,843	22,187	3,431	18,756	1,376	*	1,307
Kemeshi	26,109	11,448	14,661	6,136	1,048	5,088	*	-	*
Pawe special	1,433	724	709	843	226	617	-	-	-
Mao Komo	9,204	3,847	5,357	1,633	130	1,503	*	*	*
SNNP	937,901	437,318	500,583	223,415	60,717	162,698	49,414	9,708	39,706
Gurage	63,257	30,915	32,342	15,511	*	11,586	3,471	*	2,609
Hadiya	43,872	22,165	21,707	16,974	4,263	12,711	5,768	*	5,096
Kembata Tembaro	19,193	9,111	10,082	7,910	1,880	6,030	1,302	*	1,191
Sidama	74,894	38,156	36,737	46,110	11,862	34,248	*	-	*
Gedio	5,115	2,549	*	2,470	1,282	1,188	-	-	-
Wolayita	33,787	15,544	18,243	16,027	2,343	13,684	*	-	*
South Omo	282,951	120,489	162,463	11,950	3,684	8,266	10,240	3,704	6,536
Shaka	4,374	2,288	2,087	3,461	1,453	2,008	791	*	621
Kaffa	82,174	36,762	45,412	18,634	6,503	12,130	6,029	*	5,232
Gamo Gofa	74,510	38,552	35,958	25,940	6,064	19,876	*	*	*
Bench Maji	40,846	19,769	21,077	9,080	1,656	7,424	3,497	*	3,140
Yem Sp. Wereda	10,015	5,160	4,854	1,520	206	1,314	385	*	296
Amaro Sp. Wereda	23,810	10,567	13,243	9,118	2,505	6,612	*	*	*
Burji Sp. Wereda	7,219	3,933	3,286	1,410	323	1,087	194	78	*
Konso Sp. Wereda	53,643	24,099	29,545	6,017	2,466	3,551	4,111	*	2,613
Derashe Sp. Wereda	19,506	9,465	10,041	3,743	1,307	2,436	1,837	601	1,236
Dawro	22,941	11,450	11,491	14,048	5,139	8,909	*	*	*
Basketo Sp. Wereda	3,242	1,407	1,835	989	*	860	*	-	*
Konta Sp. Wereda	4,906	2,706	2,200	2,332	534	1,798	*	-	*
Silte	40,485	20,394	20,092	8,337	2,994	5,343	*	-	*
Alaba Sp. Wereda	27,160	11,837	15,322	1,836	*	1,636	1,141	*	792
Gambela Region	12,812	5,774	7,038	2,794	1,016	1,778	776	239	537
Angnuwak	3,519	1,491	2,029	659	*	512	*	*	*
Nuware	7,060	3,240	3,820	970	306	664	541	*	332
Mezhenger	879	511	369	892	449	443	*	-	*
Itang Special	1,354	533	820	273	*	158	-	-	-
Harari	12,393	6,297	6,096	2,483	1,055	1,428	1,453	281	1,172
Hundene	12,393	6,297	6,096	2,483	1,055	1,428	1,453	281	1,172
Dire Dawa	44,687	19,199	25,487	3,702	1,370	2,332	2,250	487	1,763

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	143,927	71,879	72,048	200,940	115,018	85,923	12,184	4,273	7,911
Tigray	1,130	*	*	*	*	-	-	-	-
North West Tigray	*	*	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	*	*	-	-	-	-
Southern Tigray	*	*	*	*	*	-	-	-	-
Western Tigray	*	*	*	-	-	-	-	-	-
Afar	-	-	-	*	*	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	*	*	-	-	-	-
Amhara	25,096	12,260	12,836	40,711	17,528	23,182	*	*	*
North Gonder	*	*	*	*	*	-	*	-	*
South Gonder	*	-	*	*	*	*	-	-	-
North Wolo	*	*	*	*	*	*	*	-	*
South Wolo	3,855	2,356	*	11,346	*	7,907	*	*	-
North Shewa	2,661	*	1,188	3,112	*	1,782	-	-	-
East Gojam	4,388	3,071	*	5,062	2,640	2,421	-	-	-
West Gojam	*	*	*	*	*	*	-	-	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	2,350	*	*	6,832	3,479	3,353	*	-	*
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	91,203	46,075	45,128	112,246	68,885	43,361	4,689	*	3,725
West Wellega	759	*	*	*	*	*	-	-	-
East Wellega	*	*	-	733	733	-	-	-	-
Illubabor	5,795	2,813	2,982	5,146	2,067	3,079	*	*	-
Jimma	6,293	2,953	*	*	*	*	*	-	*
West Shewa	14,629	9,466	5,163	17,230	12,395	4,836	2,133	*	*
North Shewa	8,309	3,537	4,772	6,674	4,319	2,355	*	-	*
East Shewa	*	*	-	*	*	*	*	*	*
Arsi	16,122	9,661	6,461	22,296	11,677	10,620	*	-	*
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	5,908	4,718	*	-	-	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	3,432	*	*	5,698	4,727	971	*	-	*
Guji	13,271	4,932	8,339	12,024	7,295	4,729	*	-	*
West Arsi	14,603	6,572	8,031	11,125	7,962	3,164	*	-	*
Kelem Wellega	*	*	-	*	*	*	-	-	-
Horoguduru Wellega	2,866	831	2,035	2,966	1,751	*	-	-	-

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	-	-	-	-	-	-	-	-	-
Pawe special	-	-	-	*	-	*	-	-	-
Mao Komo	*	*	-	-	-	-	-	-	-
SNNP	25,077	12,266	12,811	47,451	28,099	19,352	5,297	2,346	2,951
Gurage	4,049	1,544	*	4,671	1,960	2,711	1,503	-	1,503
Hadiya	1,672	*	1,063	4,812	2,600	2,212	*	-	*
Kembata Tembaro	*	*	*	1,738	992	*	*	*	*
Sidama	*	*	*	*	5,639	*	-	-	-
Gedio	*	*	*	3,109	3,109	-	*	*	-
Wolayita	*	-	*	*	-	*	-	-	-
South Omo	882	585	*	*	*	*	*	-	*
Shaka	204	*	*	*	*	-	*	*	-
Kaffa	6,460	3,320	3,140	11,030	6,850	4,180	*	*	*
Gamo Gofa	939	*	*	3,249	2,229	*	*	*	*
Bench Maji	1,255	*	*	1,086	590	*	*	*	*
Yem Sp. Wereda	*	*	-	127	*	102	*	-	*
Amaro Sp. Wereda	*	*	*	*	-	*	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	*	*	*	-	-	-
Dawro	*	*	-	566	335	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	-	-	-
Konta Sp. Wereda	*	*	*	*	*	-	-	-	-
Silte	2,159	1,343	816	4,025	1,715	2,310	*	*	-
Alaba Sp. Wereda	274	*	*	*	*	-	-	-	-
Gambela Region	-	-	-	*	*	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
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	421,891	208,743	213,148	548,054	311,211	236,843	30,652	12,379	18,273
Tigray	34,702	16,933	17,769	31,189	20,088	11,100	*	-	*
North West Tigray	6,703	2,664	4,039	5,925	3,489	2,436	*	-	*
Central Tigray	11,499	6,167	5,332	6,981	4,097	2,883	-	-	-
Eastern Tigray	7,114	3,737	3,377	4,553	2,788	1,765	-	-	-
Southern Tigray	8,212	3,535	4,677	11,364	7,690	3,675	*	-	*
Western Tigray	*	*	*	2,365	2,024	*	-	-	-
Afar	2,055	878	1,177	690	*	225	*	*	*
Zone 1	1,001	405	597	*	*	-	*	*	*
Zone 3	1,054	473	581	354	*	225	-	-	-
Amhara	177,381	86,169	91,212	234,214	128,020	106,193	8,797	2,378	6,419
North Gonder	22,461	11,900	10,561	24,781	14,384	10,398	-	-	-
South Gonder	21,632	9,665	11,967	21,721	4,384	17,337	*	*	*
North Wolo	24,441	9,361	15,081	26,723	13,704	13,019	1,632	-	1,632
South Wolo	34,163	17,321	16,843	50,118	32,087	18,032	*	*	*
North Shewa	26,108	11,423	14,685	31,240	16,538	14,703	*	*	*
East Gojam	19,130	11,899	7,231	30,782	12,628	18,154	*	*	*
West Gojam	16,608	8,325	8,283	23,242	14,719	8,522	-	-	-
Waghamera	5,135	2,733	2,402	7,608	3,516	4,092	*	*	*
Awi	6,446	2,780	3,666	*	*	804	-	-	-
Oromia	1,039	*	396	1,376	415	961	*	-	*
Argoba Special	217	120	97	308	138	171	-	-	-
Oromia	175,965	89,510	86,455	221,408	129,366	92,042	16,413	8,479	7,935
West Wellega	12,587	7,612	4,976	11,705	7,163	4,542	-	-	-
East Wellega	8,575	4,092	4,483	14,364	7,743	6,621	*	-	*
Illubabor	1,204	697	*	2,779	*	1,243	*	*	*
Jimma	1,896	1,497	*	10,053	8,280	1,772	*	*	-
West Shewa	17,014	9,954	7,060	18,293	10,797	7,496	*	-	*
North Shewa	14,122	5,992	8,130	13,408	6,409	6,998	*	-	*
East Shewa	13,632	6,382	7,250	16,128	10,950	5,178	*	*	*
Arsi	27,138	14,638	12,500	36,797	21,815	14,982	2,956	*	1,503
West Harerghe	18,100	8,744	9,356	13,871	9,265	4,607	3,175	2,058	*
East Harerghe	14,057	6,614	7,442	15,973	10,613	5,360	5,234	2,818	2,416
Bale	12,321	5,763	6,558	13,675	5,671	8,004	-	-	-
Borena	3,628	*	2,217	4,148	1,799	2,349	-	-	-
South West Shewa	6,321	4,299	2,022	8,280	5,842	2,438	-	-	-
Guji	4,879	3,518	*	6,585	*	*	-	-	-
West Arsi	12,804	4,796	8,008	21,012	8,160	12,851	*	*	*
Kelem Wellega	2,838	1,614	1,224	7,825	4,734	3,091	*	-	*
Horoguduru Wellega	4,848	1,887	2,962	6,512	3,691	2,821	-	-	-

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	4,202	2,519	1,683	2,319	1,349	970	120	*	*
Shinele	634	291	343	*	*	*	120	*	*
Jijiga	2,157	1,320	837	1,853	1,246	*	-	-	-
Liben	1,410	908	*	412	*	335	-	-	-
Benshangul-Gumuz	4,882	2,553	2,329	11,348	8,402	2,946	*	*	*
Metekel	1,001	597	403	2,694	2,596	*	-	-	-
Asosa	3,324	1,714	1,610	7,191	4,627	2,564	*	-	*
Kemeshi	*	*	*	*	*	*	-	-	-
Pawe special	50	40	*	161	121	*	-	-	-
Mao Komo	287	155	133	440	294	146	*	*	-
SNNP	21,908	9,761	12,147	46,308	23,247	23,060	4,144	1,260	2,884
Gurage	2,202	1,261	942	5,009	*	2,908	*	-	*
Hadiya	3,860	1,954	1,907	8,333	3,768	4,565	*	*	*
Kembata Tembaro	*	-	*	2,936	1,969	*	-	-	-
Sidama	*	1,607	*	4,563	1,613	*	*	-	*
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	-	*	7,381	5,807	1,574	*	*	-
South Omo	*	*	-	*	*	*	*	-	*
Shaka	*	-	*	1,266	1,210	*	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-
Gamo Gofa	*	*	*	5,079	*	3,388	-	-	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	125	*	*	231	*	206	*	-	*
Amaro Sp. Wereda	*	-	*	*	-	*	-	-	-
Burji Sp. Wereda	142	76	*	254	108	146	*	*	-
Konso Sp. Wereda	*	-	*	*	-	*	-	-	-
Derashe Sp. Wereda	*	*	*	731	691	*	-	-	-
Dawro	*	*	-	723	*	*	*	-	*
Basketo Sp. Wereda	-	-	-	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	4,665	2,537	2,129	7,581	2,716	4,865	2,269	819	1,450
Alaba Sp. Wereda	2,381	1,074	1,307	1,195	*	815	*	-	*
Gambela Region	-	-	-	*	*	-	-	-	-
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	152	*	*	263	121	142	*	*	*
Hundene	152	*	*	263	121	142	*	*	*
Dire Dawa	644	333	310	165	-	165	246	*	183

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	19,404	7,617	11,787	56,617	28,391	28,226	*	-	*
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	*	*	*	*	*	-	-	-	-
Central Tigray	-	-	-	*	-	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	*	*	-	-	-	-	-	-	-
Afar	*	*	*	-	-	-	-	-	-
Zone 1	*	*	*	-	-	-	-	-	-
Zone 3	*	-	*	-	-	-	-	-	-
Amhara	5,435	*	3,820	19,427	8,883	10,544	-	-	-
North Gonder	-	-	-	*	*	*	-	-	-
South Gonder	*	-	*	1,655	*	*	-	-	-
North Wolo	-	-	-	3,371	*	2,360	-	-	-
South Wolo	*	-	*	4,758	1,980	2,778	-	-	-
North Shewa	*	-	*	2,062	1,456	*	-	-	-
East Gojam	*	*	*	*	*	*	-	-	-
West Gojam	*	*	*	2,832	*	*	-	-	-
Waghamera	*	*	*	666	*	448	-	-	-
Awi	*	-	*	1,706	1,314	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	8,895	4,396	4,499	25,934	12,662	13,272	*	-	*
West Wellega	-	-	-	*	*	*	-	-	-
East Wellega	*	*	-	*	-	*	-	-	-
Illubabor	*	*	*	1,425	*	*	-	-	-
Jimma	-	-	-	7,659	*	3,487	*	-	*
West Shewa	*	*	*	2,043	*	1,199	-	-	-
North Shewa	1,873	*	*	*	*	*	-	-	-
East Shewa	-	-	-	*	*	-	-	-	-
Arsi	*	*	*	4,334	*	3,215	-	-	-
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	-	-	-	2,511	1,619	891	-	-	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	-	-	-	*	*	*	-	-	-
Guji	1,837	1,433	*	*	*	-	-	-	-
West Arsi	*	-	*	*	*	*	-	-	-
Kelem Wellega	*	*	*	1,461	1,049	*	-	-	-
Horoguduru Wellega	-	-	-	*	*	*	-	-	-

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	107,678	44,362	63,316	32,842	25,777	7,065	2,419	*	*
Tigray	*	*	*	5,973	5,796	*	-	-	-
North West Tigray	-	-	-	2,173	2,173	-	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	25,808	9,577	16,231	1,119	907	*	*	*	*
Zone 1	6,585	2,850	3,735	*	*	*	*	*	-
Zone 3	19,223	6,727	12,496	*	*	*	*	-	*
Amhara	*	*	*	9,571	9,090	*	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	*	-	*	*	*	-	-	-	-
South Wolo	-	-	-	*	*	*	-	-	-
North Shewa	*	*	-	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	3,693	3,693	-	*	*	-
Argoba Special	*	*	-	168	168	-	-	-	-
Oromia	43,301	17,224	26,077	13,770	*	4,658	*	-	*
West Wellega	*	*	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	-	-	-
Arsi	*	*	-	-	-	-	-	-	-
West Harerghe	*	*	*	*	-	*	*	-	*
East Harerghe	*	*	*	*	*	-	*	-	*
Bale	3,825	*	1,971	*	*	*	-	-	-
Borena	4,454	1,334	*	*	*	*	-	-	-
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	36,520	16,605	19,915	1,979	768	*	*	*	-
Shinele	2,992	1,319	1,673	*	*	-	-	-	-
Jijiga	10,576	4,170	6,406	*	*	*	-	-	-
Liben	22,952	11,116	11,835	1,559	*	*	*	*	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Pawe Special	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	*	-	*	*	*	*	*	*	-
Gurage	*	-	*	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	*	*	-
Shaka	-	-	-	*	*	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	-	-	-	*	-	*	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	*	-	-	-	-
Hundene	*	*	*	*	*	-	-	-	-
Dire Dawa	338	201	*	*	*	-	*	-	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	51,494,061	6,724,115	353,095
Tigray	5,700,603	540,972	27,841
North West Tigray	1,987,940	125,888	6,627
Central Tigray	1,646,042	158,926	7,333
Eastern Tigray	371,454	52,739	5,142
Southern Tigray	953,195	161,305	6,858
Western Tigray	741,972	42,115	1,881
Afar	28,600	4,838	*
Zone 1	*	204	*
Zone 3	28,375	4,634	*
Amhara	19,296,363	3,144,265	85,598
North Gonder	6,430,501	497,641	10,792
South Gonder	2,431,629	367,587	8,211
North Wolo	1,292,862	319,505	12,085
South Wolo	1,602,206	565,480	13,196
North Shewa	1,705,683	470,676	16,767
East Gojam	667,441	182,766	5,334
West Gojam	3,382,237	543,131	10,009
Waghamera	443,307	41,110	2,682
Awi	843,911	101,011	*
Oromia	457,856	52,117	*
Argoba Special	38,729	3,240	*
Oromia	15,708,670	1,907,013	152,332
West Wellega	1,334,284	124,638	5,889
East Wellega	915,314	71,227	7,098
Illubabor	1,343,230	115,255	11,562
Jimma	1,299,918	131,423	26,651
West Shewa	1,138,694	230,407	11,564
North Shewa	376,400	114,317	*
East Shewa	591,898	102,980	*
Arsi	1,319,834	264,957	10,129
West Harerghe	1,763,517	129,105	24,316
East Harerghe	1,073,302	63,281	24,150
Bale	443,983	95,073	4,319
Borena	587,709	70,762	*
South West Shewa	495,703	93,811	4,379
Guji	681,117	93,933	*
West Arsi	695,701	68,245	4,553
Kelem Wellega	1,174,019	80,385	7,092
Horoguduru Wellega	474,049	57,216	2,055

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	59,186	4,605	*
Shinele	1,570	*	*
Jijiga	*	-	-
Liben	53,657	4,477	*
Benshangul-Gumuz	1,618,773	121,104	3,696
Metekel	914,168	37,441	1,091
Asosa	397,920	61,577	*
Kemeshi	133,709	10,569	*
Pawe Special	55,111	6,228	160
Mao Komo	117,866	5,290	345
SNNP	8,750,091	981,485	74,180
Gurage	430,490	61,271	*
Hadiya	740,427	54,785	9,137
Kembata Tembaro	332,554	46,677	3,749
Sidama	821,471	176,278	*
Gedio	252,589	131,678	*
Wolayita	478,305	61,074	1,768
South Omo	639,629	43,118	4,416
Shaka	468,404	46,962	1,668
Kaffa	1,570,540	92,245	7,238
Gamo Gofa	788,165	98,979	*
Bench Maji	1,118,358	74,742	8,312
Yem Sp. Wereda	33,859	2,339	433
Amaro Sp. Wereda	52,266	7,455	*
Burji Sp. Wereda	23,384	1,807	114
Konso Sp. Wereda	78,630	8,189	982
Derashe Sp. Wereda	107,131	4,665	1,932
Dawro	128,976	19,190	*
Basketo Sp. Wereda	45,787	7,424	318
Konta Sp. Wereda	59,982	6,939	322
Silte	461,015	30,205	2,792
Alaba Sp. Wereda	118,129	5,463	*
Gambela Region	271,059	18,317	3,876
Angnuwak	144,928	3,026	1,454
Nuware	3,425	*	*
Mezhenger	79,243	11,757	677
Itang Special	43,463	3,104	*
Harari	35,567	1,029	1,815
Hundene	35,567	1,029	1,815
Dire Dawa	25,149	487	2,512

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

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	5,013,611	2,921,112	2,092,499	365,506	198,136	167,370	6,436,041	2,624,920	3,811,121	482,666	188,031	294,635
Tigray	245,482	153,991	91,491	27,855	15,881	11,974	201,076	88,020	113,056	38,507	17,614	20,893
North West Tigray	54,410	31,250	23,160	6,490	3,021	3,469	53,077	23,755	29,321	11,042	5,236	5,806
Central Tigray	63,620	43,927	19,693	6,390	4,091	2,299	28,695	12,204	16,491	11,371	5,180	6,191
Eastern Tigray	36,354	21,554	14,800	1,428	*	1,004	14,012	5,708	8,303	*	*	*
Southern Tigray	75,852	49,037	26,815	10,038	5,852	4,186	69,740	30,175	39,565	10,242	4,516	5,726
Western Tigray	15,246	8,223	7,023	3,509	2,494	1,016	35,552	16,177	19,375	4,702	2,359	2,343
Afar	38,354	21,515	16,839	2,177	1,146	1,030	86,556	22,641	63,915	2,472	637	1,835
Zone 1	21,843	12,642	9,201	1,181	690	491	46,538	12,955	33,582	1,537	*	1,185
Zone 3	16,511	8,873	7,638	996	456	540	40,018	9,686	30,332	*	*	*
Amhara	1,186,522	714,311	472,211	99,170	50,744	48,425	1,179,837	528,742	651,095	55,562	17,915	37,648
North Gonder	165,235	105,962	59,272	9,585	6,186	3,399	185,357	70,938	114,419	11,085	3,590	7,495
South Gonder	88,804	52,265	36,539	2,677	1,284	1,393	53,080	20,794	32,286	4,200	1,285	2,915
North Wolo	173,474	101,784	71,690	13,766	5,006	8,761	183,538	78,050	105,488	7,102	*	6,369
South Wolo	309,463	178,014	131,448	34,551	14,102	20,449	345,304	170,635	174,669	13,765	6,087	7,678
North Shewa	115,777	77,767	38,010	12,983	7,432	5,551	130,053	64,980	65,073	4,561	*	3,654
East Gojam	117,920	71,405	46,514	11,973	7,592	4,381	102,138	48,144	53,994	6,329	2,683	3,647
West Gojam	104,863	64,187	40,677	6,622	5,038	*	73,105	32,468	40,637	*	*	*
Waghamera	24,853	14,718	10,135	3,255	1,916	*	29,765	12,791	16,974	2,735	1,066	1,669
Awi	42,365	22,372	19,993	1,331	1,331	-	34,588	14,678	19,910	*	*	*
Oromia	42,231	24,817	17,415	2,149	730	1,419	40,731	14,296	26,435	1,824	716	1,108
Argoba Special	1,537	1,019	518	278	128	150	2,178	967	1,211	*	*	*
Oromia	2,452,550	1,463,132	989,418	152,713	79,072	73,641	3,330,203	1,347,408	1,982,795	210,063	84,068	125,995
West Wellega	82,984	52,757	30,227	2,348	1,182	1,165	71,034	30,066	40,968	4,835	1,520	*
East Wellega	69,386	42,509	26,876	3,627	1,770	1,857	136,388	64,648	71,739	6,488	2,437	4,051
Illubabor	83,051	48,133	34,918	3,561	1,574	1,987	111,188	50,593	60,595	9,357	3,824	5,533
Jimma	225,506	134,435	91,070	9,552	3,086	6,467	354,639	139,296	215,343	36,519	14,934	21,585
West Shewa	193,886	115,157	78,729	12,376	4,195	8,182	352,389	152,491	199,898	14,718	4,661	10,057
North Shewa	205,207	119,467	85,740	12,260	6,626	5,634	195,471	83,911	111,561	*	*	*
East Shewa	80,030	42,788	37,242	13,714	9,628	4,085	128,548	59,074	69,474	7,555	3,184	4,371
Arsi	315,846	186,257	129,588	27,979	11,723	16,257	310,544	132,958	177,586	9,481	2,783	6,697
West Harerghe	163,437	103,363	60,074	4,725	2,196	2,529	105,749	46,501	59,248	19,365	8,892	10,473
East Harerghe	162,020	103,771	58,250	3,810	3,036	*	233,329	77,244	156,085	36,997	13,851	23,146
Bale	126,598	83,598	43,000	4,653	3,144	1,509	232,989	96,428	136,561	10,272	3,815	6,457
Borena	199,141	120,643	78,498	9,431	6,159	3,272	306,289	108,246	198,043	13,460	*	8,683
South West Shewa	68,580	41,576	27,004	10,655	5,109	5,546	122,612	51,193	71,419	4,317	3,190	1,127
Guji	195,188	108,478	86,710	*	*	*	215,647	76,102	139,545	7,118	*	6,703
West Arsi	205,429	114,893	90,536	16,355	8,792	7,563	348,128	130,590	217,537	13,852	7,662	6,191
Kelem Wellega	40,980	24,523	16,457	*	*	*	34,986	17,087	17,899	3,291	1,932	1,359
Horoguduru												
Wellega	35,283	20,783	14,500	3,866	2,276	*	70,273	30,980	39,293	990	386	604

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	51,189	35,906	15,283	3,719	2,355	1,364	201,730	66,740	134,990	1,779	829	*
Shinele	2,191	1,426	765	*	*	*	14,462	3,975	10,487	*	*	*
Jijiga	30,976	23,474	7,502	*	*	-	139,045	48,323	90,722	*	*	*
Liben	18,022	11,006	7,017	2,912	*	1,339	48,224	14,443	33,781	*	*	*
Benshangul-Gumuz	27,348	16,232	11,116	2,100	1,073	1,028	43,289	18,934	24,355	1,221	648	574
Metekel	14,701	8,351	6,350	1,584	819	765	24,903	9,562	15,341	*	*	*
Asosa	8,958	5,730	3,228	*	*	*	9,422	5,212	4,211	*	*	*
Kemeshi	930	534	*	*	*	-	4,212	1,755	2,456	*	*	-
Pwae Special	1,424	844	579	70	61	*	1,558	805	753	*	*	*
Mao Komo	1,334	772	562	67	67	-	3,195	1,601	1,593	*	-	*
SNNP	997,419	506,653	490,766	76,973	47,274	29,699	1,367,109	543,111	823,997	167,284	65,044	102,240
Gurage	58,794	22,825	35,969	30,428	17,105	13,323	206,737	65,395	141,343	6,685	1,952	4,732
Hadiya Kembata	115,832	57,237	58,595	1,811	*	*	87,212	31,038	56,175	17,561	7,731	9,830
Tembaro	54,519	26,701	27,818	1,081	759	*	39,304	18,153	21,152	7,950	2,319	5,631
Sidama	169,797	65,847	103,950	17,704	12,103	5,601	106,337	46,831	59,506	6,244	2,014	4,230
Gedio	*	35,876	*	*	*	-	8,958	3,180	5,778	695	*	*
Wolayita	114,036	66,745	47,291	*	*	*	144,716	63,308	81,408	6,405	3,331	3,074
South Omo	43,692	32,952	10,740	2,930	2,076	855	100,837	43,033	57,805	12,484	4,282	*
Shaka	13,410	8,371	5,039	678	416	*	8,162	3,245	4,917	6,080	2,110	3,970
Kaffa	77,557	43,776	33,781	6,314	*	2,608	157,450	61,951	95,500	15,575	3,360	12,215
Gamo Gofa	109,634	55,305	54,329	1,536	*	*	176,941	68,321	108,619	19,799	8,547	11,252
Bench Maji	47,168	26,551	20,617	3,519	*	1,286	45,655	20,458	25,197	55,055	22,900	32,154
Yem Sp. Wereda Amaro Sp.	5,541	2,810	2,731	516	262	254	6,988	2,861	4,127	1,471	645	825
Wereda	8,539	5,992	2,548	642	496	*	15,185	6,312	8,874	724	*	*
Burji Sp. Wereda Konso Sp.	1,433	952	482	117	76	*	8,010	4,028	3,982	179	*	96
Wereda Derashe Sp.	7,185	5,235	1,950	*	*	-	13,162	4,205	8,957	1,416	741	*
Wereda	2,551	2,124	427	*	*	*	10,533	5,261	5,272	*	*	*
Dawro Basketo Sp.	38,313	19,185	19,129	1,513	624	889	91,884	40,491	51,393	1,624	879	744
Wereda Konta Sp.	4,403	2,823	1,580	252	172	80	3,243	1,527	1,716	1,509	499	1,010
Wereda	8,269	4,578	3,691	154	*	*	15,457	6,518	8,938	1,186	*	681
Silte Alaba Sp.	27,922	13,758	14,164	2,298	1,633	*	73,830	29,718	44,112	2,723	1,453	*
Wereda	12,620	7,010	5,610	949	693	*	46,507	17,277	29,230	1,090	483	606
Gambela Region	9,150	5,870	3,280	545	416	130	16,322	5,978	10,344	4,862	1,062	3,800
Angnuwak	721	506	*	*	*	*	2,137	1,040	1,097	*	*	*
Nuware	3,949	3,060	888	*	*	*	11,136	3,774	7,362	2,395	629	1,766
Mezhenger	3,480	1,647	1,833	242	147	95	956	360	596	868	140	728
Itang Special	1,000	657	344	*	*	-	2,093	804	1,289	*	263	*
Harari	3,376	2,043	1,333	130	*	*	5,095	1,897	3,198	306	*	219
Hundene	3,376	2,043	1,333	130	*	*	5,095	1,897	3,198	306	*	219
Dire Dawa	2,221	1,458	763	*	*	*	4,825	1,449	3,377	609	*	482

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	6,580,983	3,244,974	3,336,009	3,105,380	2,285,964	819,416	8,634,104	2,781,058	5,853,046	239,038	55,728	183,309
Tigray	322,164	153,749	168,415	172,164	132,960	39,204	290,415	83,571	206,844	4,309	1,165	3,144
North West Tigray	17,116	10,766	6,350	7,470	6,334	1,136	20,915	7,185	13,730	*	*	*
Central Tigray	57,033	40,982	16,050	21,623	17,099	4,524	59,265	18,418	40,847	*	-	*
Eastern Tigray	130,543	55,994	74,549	73,356	55,064	18,292	124,940	33,425	91,515	*	*	*
Southern Tigray	110,304	40,612	69,692	64,242	49,991	14,251	80,075	23,242	56,833	844	*	*
Western Tigray	*	*	*	*	*	*	5,220	*	3,920	-	-	-
Afar	99,468	61,629	37,839	12,099	8,835	3,265	116,257	37,208	79,048	3,693	1,501	2,193
Zone 1	55,361	35,225	20,137	9,403	7,420	1,983	56,094	19,667	36,427	2,286	1,031	1,255
Zone 3	44,107	26,404	17,703	2,696	1,414	1,282	60,162	17,541	42,621	*	*	*
Amhara	2,865,796	1,361,458	1,504,338	1,946,526	1,415,838	530,688	3,838,561	1,256,107	2,582,454	62,418	16,218	46,200
North Gonder	224,951	95,526	129,425	173,474	148,984	24,490	397,977	135,455	262,522	*	*	*
South Gonder	213,837	110,438	103,400	143,624	104,413	39,211	207,215	63,413	143,803	3,588	*	*
North Wolo	442,589	157,994	284,595	346,317	230,944	115,374	785,108	243,612	541,496	*	*	*
South Wolo	1,079,189	538,693	540,496	241,410	148,568	92,841	1,471,088	534,603	936,484	*	*	*
North Shewa	220,971	112,392	108,579	137,389	112,651	24,738	404,360	136,281	268,078	4,789	*	*
East Gojam	336,397	164,148	172,248	478,185	344,162	134,023	274,686	56,338	218,348	*	*	*
West Gojam	224,789	115,089	109,700	238,874	191,012	47,862	174,189	47,258	126,930	*	-	*
Waghamera	34,531	19,786	14,745	18,796	14,646	4,150	43,702	16,205	27,497	*	-	*
Awi	75,344	39,093	36,251	163,716	117,422	46,294	72,846	20,532	52,314	2,237	*	1,673
Oromia	13,109	8,249	4,860	4,430	2,801	1,629	7,062	2,258	4,804	*	-	*
Argoba Special	*	*	*	310	235	75	328	151	*	-	-	-
Oromia	2,405,117	1,201,046	1,204,071	713,493	525,267	188,226	2,927,926	939,889	1,988,037	94,650	20,575	74,076
West Wellega	56,958	21,816	35,142	9,618	8,830	*	75,637	28,198	47,439	*	*	*
East Wellega	60,468	29,283	31,185	8,838	5,956	2,882	100,947	37,592	63,355	*	*	*
Illubabor	80,860	33,288	47,572	19,773	13,171	6,602	114,510	33,796	80,714	6,787	686	6,101
Jimma	202,684	103,180	99,503	42,280	28,618	13,662	212,578	67,773	144,805	20,338	*	16,316
West Shewa	236,698	119,423	117,275	62,705	50,412	12,293	378,722	105,006	273,716	7,634	-	7,634
North Shewa	345,297	183,977	161,320	278,913	196,726	82,187	349,715	111,933	237,782	*	*	*
East Shewa	124,033	74,896	49,138	53,705	42,776	10,930	178,436	65,392	113,044	4,261	*	3,802
Arsi	602,117	277,990	324,127	93,370	64,304	29,066	394,354	118,273	276,080	12,378	*	7,079
West Harerghe	43,075	16,848	26,227	11,101	8,573	2,528	51,640	18,576	33,064	*	*	*
East Harerghe	51,357	24,307	27,051	14,094	10,791	3,303	73,137	26,748	46,389	2,826	1,431	1,395
Bale	77,361	45,901	31,460	17,382	14,458	2,923	148,388	54,964	93,423	*	*	*
Borena	47,933	24,981	22,953	6,984	6,014	970	72,991	26,128	46,864	*	*	*
South West Shewa	51,503	30,634	20,870	29,371	23,256	6,115	92,258	24,639	67,618	1,729	*	*
Guji	91,476	49,669	41,807	12,393	9,271	3,122	100,160	31,127	69,033	1,480	*	*
West Arsi	262,106	132,309	129,798	24,467	18,678	5,789	470,378	148,997	321,381	6,523	1,854	4,669
Kelem Wellega	39,039	14,781	24,258	9,348	7,311	2,037	52,412	20,102	32,310	*	*	*
Horoguduru												
Wellega	32,153	17,766	14,387	19,150	16,122	3,028	61,663	20,644	41,019	*	*	*

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	213,074	139,342	73,732	57,947	45,636	12,311	393,752	134,667	259,085	8,703	3,802	4,901
Shinele	32,791	19,946	12,845	7,970	5,963	2,007	104,975	30,202	74,772	1,880	356	*
Jijiga	158,994	108,923	50,070	39,185	31,777	7,407	183,578	78,940	104,638	6,059	3,190	*
Liben	21,289	10,473	10,816	10,792	7,896	2,896	105,198	25,524	79,674	764	*	*
Benshangul-Gumuz	16,116	8,153	7,963	9,723	6,734	2,989	27,293	9,078	18,215	*	*	*
Metekel	8,780	4,752	4,028	6,993	5,234	1,758	12,182	4,103	8,079	*	-	*
Asosa	2,948	1,450	1,498	1,455	680	775	7,084	2,315	4,769	-	-	-
Kemeshi	1,279	605	674	586	*	285	3,916	1,121	2,795	*	*	*
Pwae Special	524	164	360	291	200	92	316	110	206	-	-	-
Mao Komo	2,585	1,182	1,403	398	319	79	3,796	1,430	2,366	*	*	*
SNNP	650,469	314,439	336,030	188,669	146,950	41,719	1,015,006	314,885	700,121	62,489	11,737	50,751
Gurage	39,386	18,845	20,542	23,905	17,755	6,150	159,085	39,893	119,191	4,622	*	3,060
Hadiya	64,991	24,212	40,779	13,283	8,867	4,416	45,592	13,590	32,002	12,789	1,471	11,319
Kembata Tembaro	24,827	12,022	12,805	3,420	2,534	886	18,801	4,804	13,998	3,995	*	3,658
Sidama	103,010	42,673	60,337	11,172	*	1,575	56,815	17,954	38,861	*	-	*
Gedio	36,623	15,081	21,542	12,176	11,297	879	41,170	14,716	26,454	*	*	*
Wolayita	56,966	26,532	30,434	1,326	*	*	31,767	8,526	23,241	*	*	*
South Omo	32,053	20,720	11,333	14,729	10,829	3,900	138,920	47,597	91,323	8,119	*	4,694
Shaka	15,299	7,466	7,833	11,912	8,934	2,978	13,583	4,838	8,745	4,343	420	3,923
Kaffa	77,973	46,175	31,798	42,542	35,843	6,699	143,329	51,071	92,258	7,532	*	6,733
Gamo Gofa	46,760	23,253	23,507	13,191	10,274	2,917	135,344	33,690	101,654	4,152	*	3,324
Bench Maji	39,038	21,308	17,731	13,886	10,540	3,346	54,935	16,882	38,053	6,641	559	6,082
Yem Sp. Wereda	5,004	2,123	2,881	543	234	308	5,095	1,242	3,853	341	*	315
Amaro Sp. Wereda	3,158	1,838	1,320	1,270	726	*	5,966	1,635	4,331	*	*	*
Burji Sp. Wereda	190	*	*	95	95	-	1,735	582	1,153	*	*	*
Konso Sp. Wereda	14,910	10,586	4,324	4,790	4,240	*	18,853	6,403	12,449	973	677	296
Derashe Sp. Wereda	1,747	1,005	*	*	*	-	4,539	2,269	2,269	493	*	*
Dawro	26,715	12,987	13,728	1,254	939	*	35,217	15,131	20,086	*	*	*
Basketo Sp. Wereda	1,554	561	993	405	325	*	3,713	1,389	2,323	661	*	*
Konta Sp. Wereda	4,489	3,381	1,107	208	147	*	4,569	2,436	2,133	*	*	*
Silte	46,970	20,056	26,915	12,011	8,562	3,449	78,627	23,365	55,262	2,718	*	2,558
Alaba Sp. Wereda	8,808	3,490	5,319	6,043	3,601	2,442	17,353	6,872	10,481	*	*	*
Gambela Region	3,292	1,601	1,691	2,184	1,612	572	3,496	1,330	2,167	*	*	*
Angnuwak	*	*	*	*	*	*	*	*	*	-	-	-
Nuware	735	478	*	-	-	-	1,601	682	919	*	*	*
Mezhenger	2,311	1,011	1,301	2,059	1,539	520	1,566	564	1,001	402	*	*
Itang Special	*	*	*	*	*	*	215	*	184	*	*	-
Harari	733	448	285	703	683	*	749	224	525	*	*	*
Hundene	733	448	285	703	683	*	749	224	525	*	*	*
Dire Dawa	4,753	3,107	1,646	1,872	1,451	421	20,649	4,100	16,550	610	*	509

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	4,328,136	2,224,019	2,104,117	1,782,747	1,247,398	535,349	5,758,931	2,063,020	3,695,911	185,079	51,628	133,450
Tigray	564,834	305,573	259,260	284,042	203,083	80,959	589,524	184,667	404,857	10,309	4,455	5,853
North West Tigray	160,222	85,330	74,891	98,463	70,092	28,372	213,170	68,516	144,654	3,831	*	1,923
Central Tigray	212,707	134,065	78,642	84,988	60,925	24,063	172,673	51,690	120,982	4,534	1,680	2,854
Eastern Tigray	48,125	22,753	25,372	23,610	17,477	6,133	56,698	15,110	41,588	*	-	*
Southern Tigray	115,843	46,692	69,151	52,254	35,827	16,427	75,762	24,623	51,139	1,082	*	*
Western Tigray	27,937	16,734	11,203	24,727	18,763	5,964	71,221	24,729	46,492	*	*	*
Afar	202,870	121,760	81,111	34,138	26,297	7,841	170,606	55,451	115,156	6,338	1,379	4,959
Zone 1	112,347	66,762	45,586	22,995	18,045	4,950	80,173	27,617	52,557	3,558	934	2,624
Zone 3	90,523	54,998	35,525	11,143	8,253	2,891	90,433	27,834	62,599	2,781	*	2,335
Amhara	1,371,051	655,969	715,083	868,411	602,938	265,472	1,860,852	705,360	1,155,492	26,085	6,718	19,367
North Gonder	248,273	131,890	116,383	179,890	133,713	46,176	490,090	184,181	305,909	4,624	*	3,550
South Gonder	127,805	59,496	68,308	109,470	76,130	33,340	172,246	62,472	109,774	*	*	*
North Wolo	262,048	108,131	153,916	115,748	81,785	33,964	199,239	65,723	133,516	*	*	*
South Wolo	261,773	125,812	135,961	119,247	70,672	48,575	233,338	100,666	132,671	*	*	-
North Shewa	88,082	44,523	43,559	74,588	49,148	25,439	312,168	128,636	183,533	2,399	*	*
East Gojam	97,329	51,825	45,504	130,109	91,068	39,041	*	*	*	*	*	*
West Gojam	75,302	35,414	39,888	43,722	27,467	16,256	50,255	22,915	27,340	-	-	-
Waghamera	102,172	53,858	48,315	52,429	41,440	10,988	141,754	47,500	94,254	*	*	*
Awi	14,232	7,516	6,715	25,267	19,326	5,941	31,755	10,834	20,921	*	*	*
Oromia	87,907	34,612	53,295	16,196	11,137	5,059	60,776	20,817	39,959	1,313	*	837
Argoba Special	6,130	2,891	3,239	1,744	1,052	692	4,691	2,081	2,610	*	*	*
Oromia	1,523,598	752,978	770,620	391,996	266,379	125,617	2,059,823	722,987	1,336,836	99,667	26,407	73,260
West Wellega	12,581	5,465	7,116	4,222	2,904	1,318	29,389	9,112	20,277	*	-	*
East Wellega	33,781	14,460	19,321	12,289	7,804	4,485	66,381	28,541	37,840	*	*	*
Illubabor	21,304	8,057	13,247	4,005	3,059	946	56,570	20,550	36,021	2,360	*	*
Jimma	28,704	14,209	14,495	*	*	*	73,232	28,213	45,019	4,877	*	*
West Shewa	55,273	27,475	27,798	23,407	15,752	7,654	66,485	24,543	41,942	*	-	*
North Shewa	53,894	26,531	27,362	42,611	29,980	12,631	58,971	18,901	40,069	*	*	*
East Shewa	108,499	62,048	46,451	40,377	35,226	5,151	178,626	62,807	115,819	*	*	*
Arsi	123,650	69,454	54,197	39,335	26,510	12,825	169,293	59,480	109,813	*	*	*
West Harerghe	198,829	98,961	99,868	31,752	20,180	11,572	188,351	65,592	122,759	16,231	2,991	13,241
East Harerghe	245,099	107,039	138,060	39,364	29,976	9,388	324,311	104,709	219,602	22,263	5,378	16,885
Bale	185,206	94,162	91,044	22,850	14,837	8,014	269,051	99,835	169,216	10,539	2,640	7,900
Borena	161,653	83,304	78,350	39,221	27,594	11,627	205,520	63,691	141,829	*	*	*
South West Shewa	24,957	11,214	13,742	11,487	6,903	4,583	39,972	16,928	23,043	2,004	-	2,004
Guji	150,121	77,453	72,668	*	13,925	*	171,162	62,128	109,034	*	*	*
West Arsi	78,379	36,169	42,210	17,630	12,011	5,619	95,849	31,513	64,337	4,812	*	*
Kelem Wellega	25,494	9,091	16,404	5,222	3,442	1,780	33,399	12,330	21,069	1,611	*	1,329
Horoguduru												
Wellega	16,173	7,884	8,288	6,563	4,096	2,467	33,260	14,111	19,149	*	-	*

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	285,873	183,342	102,531	70,722	55,510	15,211	397,174	140,809	256,364	9,572	3,064	6,508
Shinele	69,757	38,183	31,574	13,523	8,829	4,694	135,655	36,866	98,790	4,222	*	2,938
Jijiga	149,284	107,401	41,883	27,192	21,915	5,278	141,615	65,450	76,165	3,109	*	*
Liben	66,832	37,758	29,075	30,007	24,767	5,240	119,903	38,494	81,409	*	-	*
Benshangul-Gumuz	59,577	31,562	28,015	31,780	21,327	10,453	168,626	63,245	105,381	*	*	*
Metekel	26,439	14,913	11,526	17,419	12,040	5,379	51,009	21,052	29,956	519	*	*
Asosa	21,310	11,919	9,392	8,675	5,477	3,199	88,882	32,011	56,871	*	-	*
Kemeshi	8,750	3,596	5,154	4,419	3,098	1,321	22,286	7,974	14,312	*	*	*
Pwae Special	784	232	552	663	348	315	720	247	473	*	-	*
Mao Komo	2,294	903	1,391	603	364	239	5,729	1,960	3,769	*	-	*
SNNP	298,557	160,966	137,591	94,556	66,913	27,642	455,296	175,469	279,827	26,892	7,884	19,008
Gurage	20,956	7,840	13,116	6,790	3,965	2,825	28,912	12,527	16,385	*	-	*
Hadiya	25,274	11,468	13,806	7,074	3,348	3,726	8,282	3,634	4,648	*	*	*
Kembata Tembaro	6,829	2,018	4,811	3,585	1,595	1,990	5,036	1,635	3,401	1,873	*	1,655
Sidama	32,340	16,148	16,192	5,275	4,030	*	14,228	3,436	10,792	*	*	*
Gedio	1,873	*	933	718	718	-	*	*	*	-	-	-
Wolayita	23,293	10,255	13,038	*	*	-	14,361	4,655	9,706	*	*	*
South Omo	62,485	46,758	15,727	23,608	16,006	7,601	161,022	69,155	91,866	6,860	3,348	3,512
Shaka	1,351	545	806	2,849	2,061	788	2,325	1,090	1,235	1,165	*	1,046
Kaffa	15,597	9,388	6,209	17,595	14,600	2,995	47,548	17,961	29,587	*	-	*
Gamo Gofa	24,358	9,192	15,166	2,331	1,298	1,034	45,095	16,914	28,181	*	*	*
Bench Maji	20,898	13,287	7,611	4,745	3,577	1,168	18,190	6,140	12,049	1,144	*	1,040
Yem Sp. Wereda	1,988	972	1,017	456	353	*	2,517	876	1,640	260	-	260
Amaro Sp. Wereda	5,886	3,151	2,735	2,333	1,803	530	12,824	4,032	8,793	*	*	*
Burji Sp. Wereda	986	340	647	671	589	*	6,082	2,161	3,922	172	*	*
Konso Sp. Wereda	19,163	12,022	7,141	5,345	4,790	555	30,446	9,110	21,336	1,156	*	700
Derashe Sp. Wereda	4,153	2,434	1,719	749	492	*	10,981	4,518	6,462	456	-	456
Dawro	7,584	3,568	4,017	519	358	*	12,452	4,981	7,471	*	-	*
Basketo Sp. Wereda	*	*	*	297	*	*	1,189	374	815	*	*	*
Konta Sp. Wereda	1,501	782	719	266	163	*	3,364	1,241	2,123	*	*	*
Silte	12,576	5,782	6,794	3,861	3,183	678	8,830	2,831	5,998	*	-	*
Alaba Sp. Wereda	7,780	3,339	4,441	3,869	2,284	*	20,332	7,631	12,701	331	-	331
Gambela Region	2,413	1,249	1,164	247	138	109	7,611	3,265	4,347	417	203	*
Angnuwak	778	444	334	106	*	*	2,484	1,023	1,461	*	*	*
Nuware	966	494	471	52	*	*	4,313	1,919	2,395	*	*	*
Mezhenger	318	*	179	*	*	*	*	*	*	*	*	*
Itang Special	*	*	*	-	-	-	*	*	*	-	-	-
Harari	3,522	1,696	1,826	2,703	2,228	475	6,550	1,852	4,698	703	*	621
Hundene	3,522	1,696	1,826	2,703	2,228	475	6,550	1,852	4,698	703	*	621
Dire Dawa	15,840	8,924	6,916	4,153	2,583	1,570	42,870	9,916	32,954	1,801	438	1,363

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	159,914	97,537	62,377	308,626	128,288	180,337	13,139	3,734	9,405
Tigray	916	717	*	4,132	1,897	*	-	-	-
North West Tigray	-	-	-	*	*	*	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	*	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
Afar	*	*	-	*	*	*	-	-	-
Zone 1	*	*	-	*	*	*	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Amhara	37,190	19,514	17,677	57,843	19,654	38,189	1,848	-	1,848
North Gonder	3,674	*	3,007	5,857	3,161	2,696	*	-	*
South Gonder	*	*	*	1,232	*	*	*	-	-
North Wolo	8,602	4,116	4,485	*	*	*	*	-	*
South Wolo	13,239	7,553	5,686	23,788	5,151	18,637	-	-	-
North Shewa	2,634	*	1,142	*	*	*	-	-	-
East Gojam	3,588	2,595	*	9,727	*	4,393	-	-	-
West Gojam	*	*	*	*	-	*	-	-	-
Waghamera	*	*	-	*	-	*	-	-	-
Awi	3,283	*	*	5,024	2,513	2,510	*	-	*
Oromia	*	-	*	-	-	-	-	-	-
Argoba Special	*	-	*	-	-	-	-	-	-
Oromia	94,725	58,775	35,950	190,652	77,059	113,593	9,044	2,461	6,583
West Wellega	*	*	*	*	-	*	-	-	-
East Wellega	*	-	*	*	*	-	-	-	-
Illubabor	2,417	1,393	*	21,295	7,050	14,245	*	*	-
Jimma	9,840	6,111	*	11,154	3,183	7,970	*	*	*
West Shewa	13,995	8,550	5,445	38,022	17,334	20,689	*	-	*
North Shewa	8,767	4,891	3,876	9,779	3,435	6,344	*	*	*
East Shewa	*	*	*	1,642	1,439	*	-	-	-
Arsi	21,121	12,294	8,827	23,058	8,781	14,277	*	-	*
West Harerghe	*	*	-	*	*	*	*	-	*
East Harerghe	*	*	-	1,434	*	*	*	-	*
Bale	3,120	2,768	*	5,402	3,104	2,298	*	*	-
Borena	*	*	*	*	*	-	-	-	-
South West Shewa	*	*	*	8,110	2,910	5,200	-	-	-
Guji	10,108	5,176	4,932	26,226	8,997	17,229	-	-	-
West Arsi	10,627	6,502	4,125	30,895	14,122	16,773	*	*	*
Kelem Wellega	*	*	*	*	*	*	-	-	-
Horoguduru Wellega	1,099	*	448	6,364	2,547	3,817	*	-	*

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	-	-	-	-	-	-	-	-	-
Pawes Special	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	*	*	*	-	-	-
SNNP	23,867	15,966	7,901	55,206	29,262	25,944	2,247	1,273	974
Gurage	2,964	1,016	1,949	12,547	4,381	8,167	-	-	-
Hadiya	3,288	2,071	*	3,290	1,599	1,691	*	*	*
Kembata Tembaro	*	*	*	*	*	*	*	-	*
Sidama	*	*	-	4,834	3,223	*	-	-	-
Gedio	2,705	1,483	*	1,392	1,392	-	-	-	-
Wolayita	*	*	*	*	*	*	-	-	-
South Omo	*	*	-	2,141	1,047	1,094	-	-	-
Shaka	*	*	*	544	392	*	-	-	-
Kaffa	7,161	5,410	1,751	16,929	10,587	6,342	715	*	*
Gamo Gofa	*	*	*	*	*	*	*	*	*
Bench Maji	673	566	*	2,564	960	1,603	*	*	*
Yem Sp. Wereda	-	-	-	*	*	*	-	-	-
Amaro Sp. Wereda	*	-	*	*	230	*	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	*	*	*	-	-	-
Dawro	342	*	*	761	342	419	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	-	-	-
Konta Sp. Wereda	*	*	-	154	*	*	-	-	-
Silte	1,347	*	*	3,878	2,031	*	-	-	-
Alaba Sp. Wereda	*	*	*	875	*	673	-	-	-
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	337,693	182,227	155,466	432,751	217,387	215,364	16,289	5,670	10,619
Tigray	24,230	14,889	9,341	20,426	10,609	9,817	-	-	-
North West Tigray	4,350	2,179	2,171	2,889	1,070	1,819	-	-	-
Central Tigray	4,037	3,597	*	4,911	2,621	2,290	-	-	-
Eastern Tigray	6,420	2,657	3,763	2,015	1,351	664	-	-	-
Southern Tigray	9,259	6,293	2,966	9,393	4,517	4,876	-	-	-
Western Tigray	*	*	-	1,218	1,049	*	-	-	-
Afar	1,779	1,333	446	2,461	869	1,591	*	*	*
Zone 1	*	736	*	*	*	*	*	*	*
Zone 3	*	*	*	1,427	*	*	-	-	-
Amhara	154,730	73,812	80,918	160,462	81,604	78,858	3,505	*	2,957
North Gonder	12,913	8,303	4,610	10,929	6,813	4,115	-	-	-
South Gonder	13,144	4,775	8,369	8,006	3,183	4,823	*	*	-
North Wolo	27,281	11,194	16,087	25,030	8,675	16,355	*	-	*
South Wolo	49,980	22,847	27,133	34,101	17,303	16,799	*	-	*
North Shewa	17,674	10,122	7,553	31,360	16,774	14,587	*	-	*
East Gojam	18,279	8,307	9,972	18,542	6,839	11,703	*	-	*
West Gojam	8,351	3,940	4,411	10,610	5,699	4,911	-	-	-
Waghamera	3,496	2,261	1,235	3,889	1,682	2,207	-	-	-
Awi	1,514	1,135	*	*	*	1,777	*	*	*
Oromia	2,034	915	*	2,443	899	1,543	-	-	-
Argoba Special	*	*	*	102	63	*	-	-	-
Oromia	122,748	71,839	50,908	201,897	100,066	101,831	10,775	4,474	6,301
West Wellega	8,334	4,659	3,675	7,999	2,636	5,363	*	*	*
East Wellega	4,274	1,833	2,441	11,723	5,859	5,864	*	*	-
Illubabor	680	*	*	2,663	1,106	1,556	-	-	-
Jimma	3,903	3,161	*	7,432	6,402	*	-	-	-
West Shewa	9,187	4,189	4,998	17,786	9,093	8,694	-	-	-
North Shewa	11,321	6,451	4,871	11,080	3,900	7,180	*	-	*
East Shewa	3,632	2,822	*	13,484	8,054	5,431	*	*	*
Arsi	26,559	15,085	11,475	25,572	11,357	14,215	-	-	-
West Harerghe	10,675	6,925	3,750	15,335	7,116	8,219	2,017	*	*
East Harerghe	8,203	4,120	4,082	16,376	9,983	6,393	2,650	1,562	*
Bale	8,885	5,879	3,005	19,182	9,168	10,015	*	*	*
Borena	1,206	870	*	*	*	*	*	-	*
South West Shewa	6,696	4,229	2,466	8,165	3,482	4,683	*	*	-
Guji	2,255	1,841	*	5,183	3,319	*	-	-	-
West Arsi	13,289	7,233	6,056	25,426	11,457	13,968	*	*	-
Kelem Wellega	1,819	1,110	709	3,073	1,852	1,221	-	-	-
Horo Guduru Wellega	1,829	1,091	738	7,996	3,708	4,288	*	*	*

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	*	*	*	4,968	2,730	2,238	*	*	*
Shinele	*	-	*	2,047	1,122	*	*	*	*
Jijiga	*	*	*	*	1,152	*	-	-	-
Liben	*	*	*	1,046	*	*	-	-	-
Benshangul-Gumuz	4,042	3,257	784	8,794	4,229	*	*	*	-
Metekel	846	544	*	1,653	*	651	-	-	-
Asosa	2,978	2,564	*	6,058	2,501	*	-	-	-
Kemeshi	*	*	-	505	378	*	-	-	-
Pawe Special	*	*	-	142	56	87	-	-	-
Mao Komo	130	*	*	436	293	143	*	*	-
SNNP	27,823	15,433	12,389	32,667	16,844	15,823	1,625	*	*
Gurage	1,742	894	848	4,179	2,018	2,161	*	-	*
Hadiya	7,009	3,220	3,789	3,189	1,654	*	*	*	-
Kembata Tembaro	1,898	1,570	*	1,002	558	*	-	-	-
Sidama	7,098	4,184	*	*	2,103	*	*	-	*
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	3,121	2,448	*	1,578	1,578	-	-	-	-
South Omo	*	438	*	*	*	-	-	-	-
Shaka	*	*	-	413	413	-	-	-	-
Kaffa	-	-	-	*	*	*	-	-	-
Gamo Gofa	*	*	*	3,285	*	921	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	*	*	*	*	*	*	*	*	*
Amaro Sp. Wereda	-	-	-	*	-	*	-	-	-
Burji Sp. Wereda	125	*	94	364	162	202	-	-	-
Konso Sp. Wereda	-	-	-	*	-	*	-	-	-
Derashe Sp. Wereda	*	-	*	302	224	*	*	*	-
Dawro	*	*	-	*	*	-	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	2,229	*	*	3,555	1,182	2,373	*	*	*
Alaba Sp. Wereda	2,013	583	1,430	2,609	791	1,818	*	*	*
Gambela Region	*	*	-	-	-	-	-	-	-
Angnuwak	*	*	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	-	*	354	179	175	*	-	*
Hundene	*	-	*	354	179	175	*	-	*
Dire Dawa	140	*	*	722	254	468	140	-	140

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	38,700	20,526	18,173	36,680	17,669	19,011	*	-	*
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	*	*	*	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-
Eastern Tigray	*	-	*	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	*	*	*	*	*	*	-	-	-
Zone 1	*	*	-	*	*	*	-	-	-
Zone 3	*	-	*	-	-	-	-	-	-
Amhara	20,321	10,039	10,282	12,289	6,162	6,126	-	-	-
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	-	*	*	*	-	-	-	-
North Wolo	5,167	2,833	*	2,693	*	2,000	-	-	-
South Wolo	5,273	*	3,755	3,210	*	1,869	-	-	-
North Shewa	*	*	*	*	*	-	-	-	-
East Gojam	3,312	2,307	*	*	*	*	-	-	-
West Gojam	*	*	*	2,769	*	*	-	-	-
Waghamera	*	*	-	*	*	-	-	-	-
Awi	*	*	*	*	*	-	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	*	-	*	-	-	-
Oromia	13,305	6,988	6,317	13,997	7,340	6,657	*	-	*
West Wellega	*	*	*	*	*	-	-	-	-
East Wellega	*	*	-	*	*	*	-	-	-
Illubabor	*	-	*	*	*	*	-	-	-
Jimma	*	*	*	5,359	*	*	-	-	-
West Shewa	1,762	*	*	*	*	*	-	-	-
North Shewa	*	*	*	*	*	*	*	-	*
East Shewa	-	-	-	*	*	*	-	-	-
Arsi	3,005	*	1,553	*	*	*	-	-	-
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	*	*	-	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	*	*	-	*	*	*	-	-	-
South West Shewa	709	*	*	*	*	-	-	-	-
Guji	*	*	*	*	*	*	-	-	-
West Arsi	*	*	*	1,213	*	*	-	-	-
Kelem Wellega	*	*	*	*	*	-	-	-	-
Horoguduru Wellega	*	*	*	*	*	*	-	-	-

TABLE 3-20 – f CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	-	*	*	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	*	*	-	*	*	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	*	*	*	-	-	-
Metekel	-	-	-	*	*	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	*	*	*	-	-	-
Pawe Special	-	-	-	*	*	-	-	-	-
Mao Komo	-	-	-	*	*	-	-	-	-
SNNP	3,929	2,774	1,155	6,237	3,351	2,886	-	-	-
Gurage	*	*	*	*	*	*	-	-	-
Hadiya	*	*	*	*	*	*	-	-	-
Kembata Tembaro	*	*	-	*	-	*	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	*	*	*	-	-	-	-	-	-
Wolayita	*	*	-	*	-	*	-	-	-
South Omo	*	*	-	*	*	*	-	-	-
Shaka	-	-	-	*	-	*	-	-	-
Kaffa	*	*	*	*	*	*	-	-	-
Gamo Gofa	*	*	*	*	-	*	-	-	-
Bench Maji	*	*	-	*	*	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	*	-	*	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	*	*	-	-	-	-
Dawro	434	351	*	945	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	-	-	-
Konta Sp. Wereda	*	*	-	*	*	*	-	-	-
Silte	*	*	-	*	*	-	-	-	-
Alaba Sp. Wereda	*	*	*	-	-	-	-	-	-
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	55,120	44,459	10,661	6,734	3,993	2,741	87,185	25,857	61,328	3,317	*	1,685
Tigray	6,490	5,985	*	*	*	*	2,277	1,744	*	-	-	-
North West Tigray	*	*	-	-	-	-	*	*	*	-	-	-
Central Tigray	-	-	-	-	-	-	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	*	*	-	-	-	-
Southern Tigray	5,063	4,559	*	*	*	*	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Afar	7,617	6,108	1,509	864	*	*	28,953	4,852	24,101	1,347	*	*
Zone 1	2,312	1,965	347	*	*	*	4,507	1,548	2,959	*	*	*
Zone 3	*	*	*	*	*	*	24,446	3,305	21,141	*	*	*
Amhara	6,598	6,586	*	*	*	*	*	3,954	*	*	*	-
North Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	*	*	-	*	*	*	*	*	-	-	-	-
South Wolo	-	-	-	*	-	*	-	-	-	-	-	-
North Shewa	*	*	-	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	*	*	*	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	1,963	1,963	-	-	-	-	445	445	-	*	*	-
Argoba special	96	84	*	*	-	*	86	86	-	-	-	-
Oromia	17,571	13,174	4,398	*	*	*	34,777	10,180	24,598	*	*	*
West Wellega	-	-	-	*	*	*	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	*	-	*	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	*	*	*	-	-	-
Arsi	-	-	-	-	-	-	*	*	-	-	-	-
West Harerghe	*	*	*	-	-	-	*	*	*	*	-	*
East Harerghe	3,008	*	*	-	-	-	*	4,181	*	*	*	-
Bale	*	*	*	*	*	-	5,505	2,225	3,280	-	-	-
Borena	*	*	*	*	*	-	*	*	*	-	-	-
South West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Guji	*	*	*	-	-	-	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Horogoduru 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	16,523	12,369	4,154	*	*	*	14,947	4,934	10,013	*	*	*
Shinele	871	638	*	*	-	*	2,626	1,179	1,447	*	*	-
Jijiga	*	*	*	-	-	-	*	*	*	*	*	*
Liben	7,365	5,302	2,063	*	*	*	*	2,912	*	*	*	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Pawe Special	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	*	*	-	-	-	-	*	-	*	-	-	-
Gurage	-	-	-	-	-	-	*	-	*	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Silte	*	*	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Gambela Region	*	*	*	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	*	*	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Harari	*	*	-	-	-	-	*	*	*	-	-	-
Hundene	*	*	-	-	-	-	*	*	*	-	-	-
Dire Dawa	*	*	*	-	-	-	*	*	*	-	-	-

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	10,064,838	10,294,902	35,043,224	401,367
Tigray	1,498,505	2,121,396	2,933,872	43,720
North West Tigray	422,220	772,687	990,623	14,334
Central Tigray	572,011	639,609	727,544	13,368
Eastern Tigray	115,272	131,222	260,373	5,676
Southern Tigray	312,849	390,754	526,390	7,723
Western Tigray	76,152	187,123	428,942	2,618
Afar	3,429	5,645	27,107	321
Zone 1	*	*	*	*
Zone 3	3,340	5,479	26,193	255
Amhara	4,130,113	5,253,305	11,253,843	82,623
North Gonder	738,660	1,513,673	3,308,398	18,010
South Gonder	351,414	577,758	1,478,304	13,879
North Wolo	543,905	440,560	782,636	8,451
South Wolo	799,326	507,269	1,088,562	9,842
North Shewa	389,014	668,798	1,340,370	14,283
East Gojam	216,519	207,940	352,018	*
West Gojam	655,988	973,382	1,964,482	9,235
Waghamera	144,872	142,446	175,553	2,768
Awi	131,686	152,709	536,929	1,301
Oromia	150,476	62,067	206,828	2,177
Argoba Special	8,254	6,703	19,763	246
Oromia	2,932,806	1,876,157	13,104,040	176,040
West Wellega	137,003	136,666	1,030,895	7,794
East Wellega	108,705	99,473	805,788	*
Illubabor	117,061	157,052	1,034,013	7,984
Jimma	157,634	125,504	1,095,232	23,913
West Shewa	230,431	210,723	947,760	12,870
North Shewa	166,562	57,372	371,606	*
East Shewa	210,336	111,403	559,112	15,320
Arsi	417,574	286,914	1,207,281	8,704
West Harerghe	281,282	124,127	1,471,235	28,759
East Harerghe	219,765	23,088	911,687	22,971
Bale	90,820	60,940	350,227	2,402
Borena	100,567	50,823	369,138	*
South West Shewa	129,822	95,456	572,740	3,530
Guji	154,918	83,709	643,877	*
West Arsi	196,468	36,363	485,922	3,120
Kelem Wellega	142,335	125,674	894,089	7,824
Horoguduru Wellega	71,526	90,870	353,437	*

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	11,445	5,385	49,252	*
Shinele	*	*	*	*
Jijiga	*	-	*	-
Liben	7,620	5,323	45,125	*
Benshangul-Gumuz	211,870	210,835	1,050,708	*
Metekel	135,075	134,018	491,422	*
Asosa	47,854	42,583	339,000	1,355
Kemeshi	13,346	14,993	101,958	*
Pawe Special	5,731	11,408	33,539	*
Mao Komo	9,864	7,834	84,789	611
SNNP	1,228,635	794,447	6,400,646	82,232
Gurage	89,172	40,503	299,116	4,249
Hadiya	126,079	59,661	456,134	11,604
Kembata Tembaro	55,140	30,058	234,135	1,349
Sidama	201,281	112,279	576,046	16,814
Gedio	62,413	80,252	194,810	1,151
Wolayita	81,792	8,757	225,725	*
South Omo	67,417	76,234	438,854	9,854
Shaka	34,426	46,919	396,701	*
Kaffa	136,802	114,658	1,324,507	4,912
Gamo Gofa	65,462	37,805	709,481	2,475
Bench Maji	153,061	129,629	734,614	18,285
Yem Sp. Wereda	5,358	1,291	28,563	801
Amaro Sp. Wereda	6,936	4,125	34,355	*
Burji Sp. Wereda	1,691	1,453	19,992	*
Konso Sp. Wereda	11,756	4,223	51,447	*
Derashe Sp. Wereda	13,845	4,902	87,015	654
Dawro	21,419	2,246	97,170	*
Basketo Sp. Wereda	5,446	4,567	41,309	*
Konta Sp. Wereda	4,995	1,919	62,397	*
Silte	64,729	27,075	303,332	*
Alaba Sp. Wereda	19,416	5,891	84,943	333
Gambela Region	36,106	26,479	166,350	3,100
Angnuwak	19,309	12,224	78,296	1,184
Nuware	567	*	2,344	*
Mezhenger	8,425	10,559	64,278	*
Itang Special	7,805	3,668	21,434	*
Harari	6,892	840	32,558	621
Hundene	6,892	840	32,558	621
Dire Dawa	5,037	*	24,848	462

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

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Ethiopia	7,022,004	9,919,360	1.301	6	2,764,797,144	1,563,229	160,437	3.7	9	162,134,805
Tigray	150,483	602,977	1.247	6	169,956,072	268,718	*	*	9	*
North West Tigray	31,230	161,644	1.45	6	54,067,451	98,682	*	-	*	-
Central Tigray	11,099	135,342	1.164	6	35,284,185	99,774	-	-	-	-
Eastern Tigray	13,590	72,787	1.102	6	15,629,855	21,515	-	-	*	-
Southern Tigray	84,383	128,399	1.185	7	40,090,437	24,792	*	*	*	*
Western Tigray	10,181	104,805	1.38	5	24,884,144	23,954	-	-	-	-
Afar	90,993	125,046	2.229	6	63,600,980	71,330	38,963	4.478	9	49,861,488
Zone 1	53,994	62,431	2.399	6	33,279,391	34,699	12,136	5.33	8	16,037,987
Zone 3	36,999	62,615	2.001	7	30,321,589	36,631	26,827	3.903	9	33,823,501
Amhara	464,088	2,128,570	1.227	6	506,006,904	367,408	-	*	*	-
North Gonder	57,140	468,459	1.384	6	125,786,336	92,153	-	-	-	-
South Gonder	63,967	202,116	1.002	6	37,304,430	29,657	-	-	-	-
North Wolo	80,698	210,371	1.451	5	53,569,416	47,537	-	-	-	-
South Wolo	51,109	356,054	1.418	5	86,040,617	51,166	-	-	-	-
North Shewa	31,586	145,137	1.1	5	28,368,827	33,237	-	-	-	-
East Gojam	66,032	202,646	1.15	7	52,063,576	*	-	-	-	-
West Gojam	46,506	275,335	0.986	7	60,894,885	19,859	-	-	-	-
Waghamera	8,941	69,272	1.142	6	15,352,235	35,366	-	-	-	-
Awi	39,305	143,366	1.114	7	36,317,305	3,129	-	*	-	-
Oromia	18,092	52,265	1.036	6	9,654,654	9,196	-	-	-	-
Argoba Special	712	3,549	0.92	5	654,622	977	-	-	*	-
Oromia	3,366,601	4,560,153	1.365	7	1,346,825,590	525,246	71,826	3.621	9	63,891,257
West Wellega	55,243	160,123	1.321	7	45,914,431	9,466	-	*	-	-
East Wellega	89,570	207,583	1.103	7	55,593,325	12,803	-	*	-	-
Illubabor	134,449	216,633	1.145	6	49,121,795	13,595	-	-	-	-
Jimma	297,175	334,378	1.083	6	63,101,654	14,239	-	-	-	-
West Shewa	200,356	317,565	1.253	7	87,320,324	17,533	-	-	-	-
North Shewa	191,027	279,930	1.628	7	121,789,664	12,625	-	-	-	-
East Shewa	147,593	174,186	1.377	7	57,800,013	42,670	*	*	*	*
Arsi	420,066	556,796	1.47	7	189,299,122	40,693	*	*	*	*
West Harerghe	101,788	266,828	1.507	6	79,705,943	62,809	*	3.997	9	5,151,274
East Harerghe	233,226	354,642	1.646	6	102,977,507	87,113	*	*	*	*
Bale	313,956	261,966	1.284	7	70,982,958	44,551	10,760	3.121	7	7,070,106
Borena	217,383	297,677	1.315	7	87,107,531	87,159	*	3.201	10	11,265,710
South West Shewa	99,200	90,993	1.07	6	20,309,347	10,696	-	-	-	-
Guji	353,542	391,612	1.304	7	121,573,670	32,116	*	2.235	10	4,655,363
West Arsi	477,225	456,027	1.497	7	141,531,333	22,413	*	-	*	-
Kelem Wellega	16,772	82,251	1.185	7	22,333,052	7,499	-	-	-	-
Horoguduru Wellega	18,029	110,963	1.345	8	30,363,921	7,267	-	*	-	-

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	110,924	164,216	1.741	6	55,209,717	115,387	47,156	3.567	9	46,806,674
Shinele	2,893	3,889	1.318	5	963,494	27,320	2,883	2.75	9	2,298,391
Jijiga	56,321	92,121	1.804	6	30,768,772	45,130	13,935	3.891	9	14,754,487
Liben	51,710	68,206	1.682	6	23,477,450	42,937	30,339	3.507	9	29,753,795
Benshangul-Gumuz	41,711	87,110	1.329	7	26,808,333	29,946	-	-	*	-
Metekel	29,146	62,299	1.327	7	19,053,089	11,928	-	-	-	-
Asosa	6,910	11,040	1.177	7	2,932,300	11,849	-	-	*	-
Kemeshi	2,394	5,153	1.365	7	1,649,296	4,987	-	-	-	-
Pawe Special	834	4,100	1.245	6	1,260,686	155	-	-	-	-
Mao Komo	2,426	4,518	1.794	7	1,912,962	1,026	-	-	-	-
SNNP	2,749,522	2,194,332	1.221	6	572,015,306	171,486	-	*	-	-
Gurage	325,279	233,669	1.032	6	45,431,691	8,816	-	-	-	-
Hadiya	189,217	159,593	1.203	7	40,757,506	4,152	-	-	-	-
Kembata Tembaro	88,635	76,726	1.355	7	22,288,534	1,871	-	*	-	-
Sidama	635,047	483,665	1.195	7	136,300,049	8,792	-	-	-	-
Gedio	22,852	23,830	1.091	6	4,633,573	*	-	-	-	-
Wolayita	251,821	196,196	1.177	7	50,250,295	7,627	-	-	-	-
South Omo	148,547	131,618	1.662	6	48,730,100	72,606	-	-	-	-
Shaka	27,646	26,836	1.582	6	8,321,636	493	-	-	-	-
Kaffa	235,697	209,915	1.435	5	51,981,667	11,305	-	-	-	-
Gamo Gofa	293,433	236,266	1.108	7	57,282,553	10,829	-	-	-	-
Bench Maji	130,082	112,900	1.662	6	37,912,876	7,467	-	-	-	-
Yem Sp. Wereda	11,862	8,395	0.967	6	2,341,115	1,065	-	-	-	-
Amaro Sp. Wereda	25,111	19,774	1.192	6	4,724,967	5,322	-	-	-	-
Burji Sp. Wereda	5,188	5,382	0.716	5	661,032	975	-	-	-	-
Konso Sp. Wereda	32,732	25,237	1.415	6	8,555,004	12,770	-	-	-	-
Derashe Sp. Wereda	7,166	7,034	1.021	6	1,258,450	3,669	-	-	-	-
Dawro	105,240	81,652	1.166	6	19,342,731	3,265	-	-	-	-
Basketo Sp. Wereda	11,964	7,586	0.92	6	1,453,173	*	-	-	-	-
Konta Sp. Wereda	22,702	16,531	1.07	6	3,634,878	1,195	-	-	-	-
Silte	135,444	95,982	1.01	6	18,498,808	4,377	-	-	-	-
Alaba Sp. Wereda	43,860	35,546	1.074	6	7,654,670	3,470	-	-	-	-
Gambela Region	30,774	32,815	1.932	7	16,944,336	2,679	-	-	*	-
Angnuwak	2,674	2,117	1.809	7	1,000,852	751	-	-	-	-
Nuware	21,122	19,529	2.121	8	11,709,295	1,596	-	-	-	-
Mezhenger	6,055	7,099	1.728	6	2,362,073	*	-	-	-	-
Itang Special	922	4,069	2.216	5	1,872,117	237	-	-	*	-
Harari	6,658	11,695	1.832	6	4,259,369	2,178	*	*	*	*
Hundene	6,658	11,695	1.832	6	4,259,369	2,178	*	*	*	*
Dire Dawa	10,250	12,446	1.437	5	3,170,535	8,852	576	2.156	9	328,671

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	11,961,544	4	21	12	71,748,172
Tigray	981,902	5	22	13	7,402,362
North West Tigray	198,187	4	19	12	986,469
Central Tigray	281,769	5	23	15	2,452,442
Eastern Tigray	209,653	6	23	13	1,937,646
Southern Tigray	202,244	5	24	14	1,640,855
Western Tigray	90,050	3	18	11	384,949
Afar	7,358	4	17	11	37,689
Zone 1	*	*	*	*	*
Zone 3	7,212	4	17	10	37,064
Amhara	3,977,295	4	21	12	25,104,169
North Gonder	706,257	3	19	12	3,137,852
South Gonder	384,779	4	20	12	1,856,699
North Wolo	391,972	5	23	12	2,590,965
South Wolo	787,869	5	23	12	5,820,865
North Shewa	508,233	5	22	12	3,796,567
East Gojam	401,328	5	21	14	3,220,469
West Gojam	462,255	3	22	14	2,608,776
Waghamera	105,909	4	23	12	686,374
Awi	158,114	4	21	13	875,544
Oromia	62,237	5	23	12	462,028
Argoba Special	8,340	5	20	10	48,029
Oromia	4,619,840	4	20	12	27,861,544
West Wellega	263,709	3	18	10	1,045,719
East Wellega	192,232	3	19	11	753,459
Illubabor	290,901	3	19	10	1,054,566
Jimma	401,506	3	19	10	1,645,837
West Shewa	321,952	5	22	13	2,193,989
North Shewa	257,622	6	23	14	2,295,766
East Shewa	281,954	6	23	14	2,744,848
Arsi	491,745	6	23	13	4,282,646
West Harerghe	332,943	4	20	11	1,641,471
East Harerghe	504,387	4	20	11	2,667,621
Bale	143,664	5	22	14	1,108,192
Borena	179,681	3	18	12	925,302
South West Shewa	194,160	5	22	13	1,521,871
Guji	243,336	4	18	13	1,247,448
West arsi	247,437	4	21	13	1,691,752
Kelem Wellega	186,192	3	19	10	720,518
Horoguduru Wellega	86,420	3	20	12	320,540

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	27,632	5	20	13	232,357
Shinele	1,267	4	17	12	6,997
Jijiga	*	*	*	*	*
Liben	22,685	4	21	13	192,106
Benshangul-Gumuz	157,858	3	19	11	800,549
Metekel	75,390	3	20	12	362,440
Asosa	43,703	3	19	11	265,485
Kemeshi	22,438	3	18	10	95,879
Pawe Special	5,832	3	22	14	32,118
Mao Komo	10,495	3	18	11	44,627
SNNP	2,109,137	4	19	11	9,900,771
Gurage	225,158	4	20	11	1,177,269
Hadiya	164,469	3	20	12	725,493
Kembata Tembaro	82,909	3	19	12	411,234
Sidama	289,146	4	19	12	1,663,129
Gedio	71,682	3	19	11	323,457
Wolayita	155,899	3	18	11	574,608
South Omo	137,897	4	20	12	674,300
Shaka	39,363	3	18	11	186,247
Kaffa	206,311	4	18	10	817,940
Gamo Gofa	194,414	4	19	11	923,478
Bench Maji	146,615	3	18	12	638,011
Yem Sp. Wereda	11,775	4	19	11	60,231
Amaro Sp. Wereda	15,554	3	20	13	82,704
Burji Sp. Wereda	6,964	3	20	11	27,864
Konso Sp. Wereda	52,032	5	17	10	265,886
Derashe Sp. Wereda	30,784	4	19	11	156,009
Dawro	53,500	3	17	10	194,590
Basketo Sp. Wereda	11,803	4	21	11	54,198
Konta Sp. Wereda	16,703	3	16	9	56,274
Silte	161,080	4	20	11	741,005
Alaba Sp. Wereda	35,084	3	20	11	146,843
Gambela Region	44,428	3	18	12	207,697
Angnuwak	20,958	3	19	12	91,126
Nuware	2,043	4	19	15	12,643
Mezhenger	15,099	4	18	12	72,679
Itang Special	6,328	4	15	12	31,250
Harari	11,481	4	19	11	60,002
Hundene	11,481	4	19	11	60,002
Dire Dawa	24,613	5	19	11	141,032

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	462,893	5	33	30	5,992,483
Tigray	134,080	5	34	29	1,572,329
North West Tigray	16,940	6	24	20	210,423
Central Tigray	65,058	5	30	24	696,015
Eastern Tigray	25,293	6	43	37	315,633
Southern Tigray	24,206	4	49	42	315,391
Western Tigray	2,584	*	*	*	*
Afar	469	4	*	*	*
Zone 1	*	*	*	*	*
Zone 3	*	*	*	*	*
Amhara	145,523	5	27	23	1,647,612
North Gonder	18,935	4	18	16	158,938
South Gonder	13,804	5	24	21	158,139
North Wolo	2,980	*	*	*	*
South Wolo	16,855	6	28	23	194,376
North Shewa	29,876	5	37	32	397,508
East Gojam	22,207	5	28	24	280,169
West Gojam	29,514	4	25	20	183,575
Waghamera	*	*	*	*	*
Awi	9,444	3	27	22	70,963
Oromia	1,257	5	24	19	12,216
Argoba Special	*	*	*	*	*
Oromia	152,489	5	40	38	2,339,743
West Wellega	2,644	4	31	20	29,621
East Wellega	2,166	4	*	20	16,111
Illubabor	4,144	4	*	*	*
Jimma	14,016	5	24	25	154,066
West Shewa	18,858	4	91	89	300,725
North Shewa	14,164	6	59	55	249,205
East Shewa	13,238	*	27	25	477,868
Arsi	34,251	5	27	23	377,531
West Harerghe	8,331	3	16	*	71,816
East Harerghe	7,363	4	29	30	95,018
Bale	6,564	5	25	25	83,636
Borena	*	*	*	20	*
South West Shewa	7,335	4	34	30	111,724
Guji	*	*	*	15	*
West Arsi	10,455	4	*	*	182,192
Kelem Wellega	*	*	*	*	*
Horoguduru Wellega	*	3	*	*	*

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	660	4	39	29	6,396
Metekel	*	*	*	*	*
Asosa	*	*	*	*	*
Kemeshi	-	-	-	-	-
Pawe special	104	3	*	*	*
Mao komo	*	*	*	*	*
SNNP	28,108	5	30	27	389,715
Gurage	5,141	6	43	42	106,505
Hadiya	2,359	4	*	*	22,771
Kembata Tembaro	3,771	4	24	21	55,422
Sidama	*	*	35	*	*
Gedio	*	*	*	*	*
Wolayita	*	*	*	*	*
South Omo	*	*	*	*	*
Shaka	943	5	26	18	9,411
Kaffa	1,144	4	*	*	*
Gamo Gofa	*	*	*	*	*
Bench Maji	*	*	*	*	7,595
Yem Sp. Wereda	*	-	-	-	-
Amaro Sp. Wereda	*	*	*	*	*
Burji Sp. Wereda	-	*	*	*	*
Konso Sp. Wereda	*	*	20	18	*
Derashe Sp. Wereda	*	*	*	*	*
Dawro	*	*	*	*	*
Basketo Sp. Wereda	251	5	17	17	1,843
Konta Sp. Wereda	*	*	*	*	*
Silte	2,670	6	24	24	30,177
Alaba Sp. Wereda	968	4	28	19	5,818
Gambela Region	*	*	*	*	*
Angnuwak	*	2	20	20	84
Nuware	-	-	-	-	-
Mezhenger	*	*	*	*	*
Itang Special	-	*	*	*	*
Harari	660	4	39	29	6,396
Hundene	*	*	*	*	*
Dire Dawa	806	5	22	15	6,354

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	108,561	1	95	111	1,348,071
Tigray	52,481	1	144	169	864,100
North West Tigray	5,856	1	*	*	*
Central Tigray	18,971	1	161	159	376,030
Eastern Tigray	7,444	1	126	125	*
Southern Tigray	20,210	1	175	251	332,217
Western Tigray	-	-	-	-	-
Afar	*	*	*	*	*
Zone 1	*	-	-	-	-
Zone 3	*	*	*	*	*
Amhara	24,444	1	51	57	134,793
North Gonder	*	*	*	*	*
South Gonder	*	*	*	*	*
North Wolo	*	*	*	*	*
South Wolo	3,550	1	26	26	9,293
North Shewa	*	1	*	*	*
East Gojam	3,394	1	*	*	*
West Gojam	*	1	30	27	*
Waghamera	*	*	*	*	*
Awi	3,170	1	*	*	*
Oromia	*	*	*	*	*
Argoba Special	-	-	-	-	-
Oromia	22,282	1	76	99	265,993
West Wellega	*	-	-	-	-
East Wellega	*	*	*	*	*
Illubabor	2,080	1	*	*	*
Jimma	*	*	*	*	*
West Shewa	7,517	1	198	197	*
North Shewa	*	*	*	*	*
East Shewa	3,760	1	29	29	10,671
Arsi	2,309	1	29	31	9,919
West Harerghe	*	*	*	*	*
East Harerghe	*	*	*	*	*
Bale	-	-	-	-	-
Borena	-	-	-	-	-
South West Shewa	*	1	*	*	*
Guji	-	-	-	-	-
West Arsi	-	*	*	*	*
Kelem Wellega	*	*	*	*	*
Horoguduru Wellega	-	*	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	*
Metekel	*	*	*	*	*
Asosa	-	-	-	-	-
Kemeshi	-	-	-	-	-
Pawe Special	38	*	*	*	*
Mao Komo	*	-	-	-	-
SNNP	8,220	1	71	66	79,584
Gurage	*	1	*	*	*
Hadiya	*	*	*	*	*
Kembata Tembaro	*	1	*	*	*
Sidama	-	*	*	*	*
Gedio	*	*	*	*	*
Wolayita	*	*	*	*	*
South Omo	*	*	*	*	*
Shaka	209	1	24	24	756
Kaffa	*	*	*	*	*
Gamo Gofa	-	-	-	-	-
Bench Maji	*	*	*	*	*
Yem Sp. Wereda	*	*	*	*	*
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	-	-	-	-	-
Dawro	-	-	-	-	-
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	-	-	-	-	-
Silte	*	*	*	*	*
Alaba Sp. Wereda	*	*	*	*	*
Gambela Region	*	-	-	-	-
Angnuwak	*	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	415	1	45	56	2,978
Hundene	415	1	45	56	2,978
Dire Dawa	*	-	-	-	-

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	Rinderpest	Others
Ethiopia	12,717,310	5,049,523	4,506,192	1,782,918	1,800,083	340,245	1,555,234
Tigray	1,206,817	490,809	519,186	398,622	80,581	138,262	57,973
North West Tigray	147,863	55,465	45,207	34,595	*	*	*
Central Tigray	393,442	123,161	216,026	99,454	*	91,181	*
Eastern Tigray	164,601	72,613	57,963	63,396	*	26,693	*
Southern Tigray	374,177	198,853	134,464	179,477	*	*	7,366
Western Tigray	126,734	40,717	65,525	*	*	-	14,822
Afar	*	*	*	*	*	*	*
Zone 1	*	-	*	*	*	-	-
Zone 3	*	*	*	*	*	*	*
Ambara	3,122,880	1,444,430	959,801	302,496	165,199	33,966	445,689
North Gonder	423,593	183,139	*	*	*	*	74,941
South Gonder	316,056	153,514	110,266	*	*	-	68,723
North Wolo	212,833	83,253	72,349	*	35,006	*	*
South Wolo	552,111	226,329	226,559	*	*	*	*
North Shewa	268,674	95,903	119,768	*	*	*	8,636
East Gojam	477,925	367,580	137,240	52,233	*	*	*
West Gojam	496,014	185,220	183,899	*	-	-	*
Waghamera	59,973	17,107	*	*	*	-	*
Awi	253,568	86,479	*	*	*	*	52,972
Oromia	60,057	44,449	7,531	*	*	*	*
Argoba Special	2,076	1,456	*	-	-	-	-
Oromia	5,881,032	2,010,331	2,003,978	780,887	1,283,476	138,038	845,285
West Wellega	244,228	*	72,289	50,674	121,131	*	*
East Wellega	357,687	51,877	75,945	24,384	128,119	*	68,902
Illubabor	230,370	92,271	*	30,494	75,986	*	35,889
Jimma	378,568	*	162,874	*	*	*	107,244
West Shewa	520,060	*	41,173	*	69,099	*	280,435
North Shewa	315,242	138,769	182,760	6,709	110,725	*	*
East Shewa	345,758	211,915	163,351	*	73,685	*	22,792
Arsi	546,915	213,764	230,206	*	*	*	*
West Harerghe	369,835	174,819	95,242	-	105,052	-	*
East Harerghe	267,604	125,517	131,547	*	110,094	*	23,861
Bale	225,253	62,557	171,918	*	*	-	*
Borena	716,200	201,644	149,452	*	*	*	10,784
South West Shewa	292,516	70,348	139,133	*	*	*	85,434
Guji	373,303	64,504	227,152	*	*	*	*
West Arsi	400,057	326,478	*	*	*	-	*
Kelem Wellega	146,411	*	*	*	78,074	*	*
Horoguduru Wellega	151,025	*	38,225	*	49,478	*	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	25,899	10,328	*	*	-	-	*
Shinele	*	*	*	-	-	-	-
Jijiga	*	*	*	*	-	-	-
Liben	21,149	*	*	*	-	-	*
Benshangul-Gumuz	156,384	*	36,887	75,074	*	*	8,431
Metekel	129,461	*	*	66,843	*	-	*
Asosa	*	*	*	*	*	-	*
Kemeshi	5,437	-	-	*	*	-	*
Pawe Special	10,952	4,958	2,786	*	3,002	*	2,206
Mao Komo	274	*	*	*	-	-	-
SNNP	2,280,573	1,055,530	973,945	188,660	242,525	29,808	195,024
Gurage	312,565	148,548	110,102	*	*	*	34,854
Hadiya	157,018	81,160	54,083	*	*	*	*
Kembata Tembaro	84,237	44,742	26,975	*	-	-	*
Sidama	335,374	153,633	160,528	*	82,654	*	*
Gedio	18,856	*	*	4,252	*	-	*
Wolayita	205,379	132,911	54,462	*	*	*	33,542
South Omo	54,103	*	*	*	-	-	*
Shaka	49,935	24,085	*	-	*	-	*
Kaffa	168,794	41,270	83,961	*	49,333	-	*
Gamo Gofa	312,906	122,145	216,407	82,353	*	*	*
Bench Maji	183,455	64,972	68,921	9,305	34,110	*	*
Yem Sp. Wereda	14,864	4,509	6,146	*	*	-	*
Amaro Sp. Wereda	39,035	24,661	8,668	1,023	*	*	5,982
Burji Sp. Wereda	8,856	4,134	*	*	*	-	4,052
Konso Sp. Wereda	38,295	*	*	*	*	-	-
Derashe Sp. Wereda	19,163	*	13,999	-	-	-	*
Dawro	60,633	23,045	39,737	*	-	-	*
Basketo Sp. Wereda	20,351	18,255	16,281	-	-	-	*
Konta Sp. Wereda	15,112	5,664	6,613	2,702	*	*	*
Silte	148,231	81,017	46,841	*	*	-	*
Alaba Sp. Wereda	33,409	25,152	*	-	-	-	*
Gambela Region	9,195	1,177	*	6,419	*	-	1,140
Angnuwak	*	*	*	*	-	-	*
Nuware	*	*	*	*	-	-	*
Mezhenger	4,035	*	*	3,729	*	-	*
Itang Special	*	*	*	-	-	-	*
Harari	6,211	5,098	*	*	*	*	*
Hundene	6,211	5,098	*	*	*	*	*
Dire Dawa	11,512	*	6,514	*	*	-	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	3,373,051	489,750	446,432	997,184	801,259	62,111	1,071,951
Tigray	551,836	38,207	58,814	52,469	422,947	9,331	25,790
North West Tigray	29,085	*	*	*	*	-	*
Central Tigray	168,956	*	45,461	*	116,147	*	*
Eastern Tigray	190,540	*	*	*	163,042	*	*
Southern Tigray	155,600	*	*	6,647	135,573	*	*
Western Tigray	*	*	*	*	-	-	-
Afar	*	-	-	*	-	-	*
Zone 1	*	-	-	*	-	-	-
Zone 3	*	-	-	*	-	-	*
Amhara	1,999,302	327,412	277,832	716,291	188,836	17,032	847,587
North Gonder	97,265	*	-	26,323	-	*	*
South Gonder	87,127	*	*	*	-	-	50,560
North Wolo	278,869	*	*	209,933	*	-	*
South Wolo	831,315	*	42,080	301,854	*	*	420,754
North Shewa	116,768	*	*	40,649	*	*	31,569
East Gojam	387,702	174,378	77,961	87,832	*	-	156,938
West Gojam	103,474	14,119	*	21,629	*	*	38,124
Waghamera	39,791	-	*	*	-	-	23,566
Awi	54,476	2,024	*	*	*	*	32,912
Oromia	*	*	-	*	*	-	*
Argoba Special	*	*	-	-	-	-	-
Oromia	620,083	84,429	79,017	156,728	159,124	28,099	164,215
West Wellega	*	*	-	*	*	*	*
East Wellega	*	*	*	*	*	-	*
Illubabor	19,995	*	*	*	*	-	*
Jimma	*	*	*	-	*	-	-
West Shewa	41,700	*	-	*	*	*	*
North Shewa	121,932	-	*	15,034	*	*	*
East Shewa	65,129	*	*	*	*	*	18,426
Arsi	99,509	11,276	6,600	*	*	*	32,502
West Harerghe	18,030	*	*	*	5,138	-	*
East Harerghe	44,553	*	*	*	*	*	*
Bale	*	*	*	*	*	-	*
Borena	*	-	-	*	*	-	*
South West Shewa	*	-	*	*	*	-	*
Guji	*	*	*	*	-	-	-
West Arsi	43,676	29,281	*	*	*	*	*
Kelem Wellega	*	-	*	-	*	-	*
Horoguduru Wellega	*	-	-	*	*	*	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	17,211	*	*	*	*		*
Shinele	*	-	*	*	*	-	-
Jijiga	-	-	-	-	-	-	-
Liben	12,507	*	*	*	-	-	*
Benshangul-Gumuz	2,365	363	*	*	298	*	*
Metekel	*	*	-	*	-	-	*
Asosa	-	-	-	-	-	-	-
Kemeshi	*	-	-	*	-	-	-
Pawe Special	718	*	*	-	298	*	278
Mao Komo	-	-	-	-	-	-	-
SNNP	159,060	36,799	22,290	48,030	24,749	*	29,921
Gurage	*	*	*	*	*	-	*
Hadiya	7,268	*	*	*	*	-	*
Kembata Tembaro	9,636	*	*	4,748	-	-	-
Sidama	*	*	*	-	-	-	-
Gedio	19,142	-	*	*	*	-	*
Wolayita	6,349	*	*	*	*	-	*
South Omo	*	-	-	*	-	-	*
Shaka	3,138	*	*	*	*	-	-
Kaffa	5,060	*	*	*	*	-	-
Gamo Gofa	*	-	*	*	-	*	-
Bench Maji	11,905	*	*	-	*	-	*
Yem Sp. Wereda	1,710	*	*	*	*	-	*
Amaro Sp. Wereda	*	-	-	*	-	*	-
Burji Sp. Wereda	*	-	-	*	-	-	-
Konso Sp. Wereda	*	-	-	*	-	-	-
Derashe Sp. Wereda	*	-	-	*	-	-	-
Dawro	3,155	*	*	-	*	-	*
Basketo Sp. Wereda	1,267	334	212	751	*	-	-
Konta Sp. Wereda	*	-	-	*	-	-	-
Silte	18,001	-	-	*	*	-	*
Alaba Sp. Wereda	3,909	*	*	*	*	-	*
Gambela Region	110	-	-	133	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	*	-	-	*	-	-	-
Mezhenger	*	-	-	*	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	7,971	*	*	*	3,128	-	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	2,813,351	313,443	384,489	816,570	914,568	56,601	613,980
Tigray	1,034,311	77,724	138,422	167,926	670,871	*	126,144
North West Tigray	216,754	*	*	89,184	64,329	-	*
Central Tigray	530,303	*	89,189	35,954	409,723	*	37,168
Eastern Tigray	91,836	*	*	*	88,956	-	-
Southern Tigray	139,559	*	*	*	97,316	*	*
Western Tigray	55,858	*	13,849	*	*	-	4,950
Afar	*	*	*	*	*	*	*
Zone 1	*	-	*	*	*	-	-
Zone 3	*	*	-	*	-	*	*
Amhara	765,345	107,599	102,105	152,318	79,224	*	364,922
North Gonder	*	31,228	*	*	*	*	*
South Gonder	47,329	*	*	*	-	-	26,245
North Wolo	*	*	*	*	*	-	*
South Wolo	111,836	*	15,269	*	*	-	73,168
North Shewa	91,431	-	*	21,739	*	*	45,287
East Gojam	61,719	35,647	*	*	*	*	10,281
West Gojam	40,210	*	*	-	*	-	*
Waghamera	152,227	*	*	*	*	-	*
Awi	9,942	-	-	*	-	-	*
Oromia	10,284	*	-	*	*	-	*
Argoba Special	3,387	*	2,761	-	*	-	-
Oromia	787,629	112,036	116,081	*	143,155	40,316	85,774
West Wellega	*	-	-	-	*	*	-
East Wellega	*	-	-	*	*	-	*
Illubabor	6,185	*	*	*	*	-	*
Jimma	*	-	*	-	*	-	-
West Shewa	*	-	-	-	-	-	-
North Shewa	*	-	-	-	*	-	*
East Shewa	60,372	*	*	-	*	-	*
Arsi	*	*	*	*	*	*	*
West Harerghe	81,847	23,889	*	*	28,425	-	*
East Harerghe	129,245	*	45,196	*	*	*	*
Bale	*	*	*	*	*	*	*
Borena	*	*	-	*	*	*	*
South West Shewa	*	-	*	-	*	-	*
Guji	*	*	*	*	-	-	-
West Arsi	*	*	-	*	*	*	*
Kelem Wellega	*	-	-	-	*	-	*
Horoguduru Wellega	*	*	-	*	*	*	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	52,907	*	*	*	*		*
Shinele	*	*	*	*	*		
Jijiga	-	-	-	-	-		-
Liben	46,297	*	*	*			*
Benshangul-Gumuz	*	*	-	*	270	*	*
Metekel	*	*	-	-	-	-	*
Asosa	*	-	-	*	-	-	-
Kemeshi	*	-	-	*	*	-	-
Pawe Special	425	*	-	-	158	*	*
Mao Komo	-	-	-	-	-	-	-
SNNP	97,055	8,330	*	73,585	6,604	-	*
Gurage	*	-	-	*	-	-	*
Hadiya	4,962	*	-	*	*	-	*
Kembata Tembaro	*	*	-	*	-	-	-
Sidama	*	*	*	-	-	-	-
Gedio	*	-	-	*	-	-	-
Wolayita	*	*	-	-	-	-	-
South Omo	*	-	-	*	-	-	*
Shaka	*	*	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-
Gamo Gofa	*	-	-	*	-	-	-
Bench Maji	*	*	-	-	*	-	-
Yem Sp. Wereda	*	*	-	*	*	-	*
Amaro Sp. Wereda	*	*	-	*	*	-	*
Burji Sp. Wereda	*	*	-	*	-	-	-
Konso Sp. Wereda	*	-	-	*	-	-	-
Derashe Sp. Wereda	3,173	-	-	*	*	-	*
Dawro	*	-	-	-	*	-	-
Basketo Sp. Wereda	*	*	-	*	-	-	-
Konta Sp. Wereda	546	*	*	*	-	-	*
Silte	*	-	-	*	*	-	*
Alaba Sp. Wereda	*	*	*	*	*	-	*
Gambela Region	*	*	-	*	-	-	*
Angnuwak	*	-	-	*	-	-	*
Nuware	*	-	-	*	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	*	*	-	-	-	-	-
Harari	923	*	-	-	*	-	-
Hundene	923	*	-	-	*	-	-
Dire Dawa	21,367	*	*	*	9,715	-	*

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	21,005	4,338	4,657	*	*	*	5,407
Tigray	4,074	*	*	*	*	-	-
North West Tigray	1,203	*	*	*	-	-	-
Central Tigray	*	*	-	-	*	-	-
Eastern Tigray	-	-	-	-	-	-	-
Southern Tigray	*	*	-	-	-	-	-
Western Tigray	*	-	-	*	-	-	-
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Ambara	3,712	-	*	-	*	-	*
North Gonder	*	-	-	-	-	-	*
South Gonder	-	-	-	-	-	-	-
North Wolo	*	-	*	-	-	-	*
South Wolo	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-
West Gojam	*	-	-	-	-	-	*
Waghamera	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-
Oromia	*	-	-	-	*	-	*
Argoba Special	*	-	*	-	-	-	-
Oromia	5,199	*	*	*	-	-	*
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	Rinderpest	Others
Somale	*	-	-	-	*	-	*
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	-	-	*	-	*	*
Benshangul-Gumuz	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Pawe Special	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	*	-	-	-	*	-	*
Gurage	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-
Kaffa	*	-	-	-	-	-	*
Gamo Gofa	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	*	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	*	-	-	-	-	-	-
Hundene	*	-	-	-	-	*	-
Dire Dawa	*	*	*	-	-	-	*

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	9,254,149	7,928,867	5,611,132	1,003,913	103,807	29,484
Tigray	353,110	309,698	616,967	33,677	4,971	-
North West Tigray	111,627	29,155	244,004	7,978	*	-
Central Tigray	75,956	67,444	200,328	8,040	*	-
Eastern Tigray	17,494	122,214	44,120	2,818	-	-
Southern Tigray	101,088	81,744	50,213	11,550	*	-
Western Tigray	46,945	9,140	78,302	3,292	*	-
Afar	96,583	116,989	187,889	2,540	27,394	*
Zone 1	53,694	56,707	87,164	724	5,110	*
Zone 3	42,889	60,282	100,725	1,816	22,284	*
Amhara	1,922,260	3,380,643	1,933,303	269,599	7,087	*
North Gonder	375,074	405,848	536,392	24,638	*	-
South Gonder	162,482	236,537	181,750	21,610	-	-
North Wolo	179,870	580,765	237,104	33,826	*	-
South Wolo	330,026	1,034,368	167,011	44,678	-	*
North Shewa	178,420	402,495	319,883	38,274	*	*
East Gojam	210,024	335,352	156,963	33,419	-	-
West Gojam	275,756	225,458	61,753	25,722	-	-
Waghamera	39,234	49,552	168,242	8,262	-	-
Awi	129,755	101,151	39,039	36,326	-	-
Oromia	39,772	8,839	60,477	2,729	681	-
Argoba Special	1,848	*	4,690	*	50	-
Oromia	4,482,815	2,820,455	1,835,027	555,595	44,561	*
West Wellega	271,829	96,890	34,893	33,137	-	*
East Wellega	316,111	104,814	69,832	24,968	*	-
Illubabor	264,088	125,242	57,337	33,342	-	-
Jimma	511,747	213,290	69,084	36,948	*	-
West Shewa	471,253	349,749	82,372	62,243	*	-
North Shewa	238,657	353,999	43,723	20,895	-	-
East Shewa	134,771	148,555	149,947	20,212	*	-
Arsi	270,282	402,257	155,885	58,340	-	-
West Harerghe	159,517	42,594	171,803	13,375	*	-
East Harerghe	301,177	62,796	299,741	28,229	19,998	*
Bale	227,872	109,796	188,936	30,321	5,268	-
Borena	255,087	72,527	204,868	7,778	*	*
South West Shewa	184,968	71,463	32,193	20,298	-	-
Guji	199,206	103,908	120,916	49,866	*	-
Werst Arsi	328,285	411,093	73,403	76,649	-	-
Kelem Wellega	185,727	81,219	46,865	16,789	*	-
Horoguduru Wellega	162,239	70,264	33,228	22,206	-	*

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	155,282	247,922	271,707	4,463	18,568	*
Shinele	7,469	53,199	85,098	1,934	3,555	-
Jijiga	108,531	112,541	69,527	1,237	5,283	-
Liben	39,283	82,183	117,082	1,293	9,730	*
Benshangul-Gumuz	176,518	34,594	197,996	17,694	-	-
Metekel	90,075	13,535	65,376	4,929	-	-
Asosa	53,089	11,431	101,584	10,267	-	-
Kemeshi	9,851	3,748	23,084	1,322	-	-
Pawe Special	14,990	1,072	1,648	331	-	-
Mao Komo	8,513	4,808	6,304	845	-	-
SNNP	2,029,702	997,257	515,735	118,268	*	*
Gurage	170,164	99,211	32,020	11,169	-	*
Hadiya	105,948	50,500	10,015	14,094	-	-
Kembata Tembaro	58,936	20,152	4,151	3,898	-	-
Sidama	166,537	54,379	18,403	12,551	-	-
Gedio	17,395	44,631	*	3,229	-	-
Wolayita	212,341	34,288	12,202	6,296	-	-
South Omo	144,139	153,568	175,943	2,896	*	-
Shaka	18,010	15,860	1,920	1,626	-	-
Kaffa	212,763	145,938	50,337	26,918	-	*
Gamo Gofa	390,111	150,827	52,489	10,267	-	-
Bench Maji	101,459	58,505	16,812	5,594	-	-
Yem Sp. Wereda	11,438	4,349	1,663	286	-	-
Amaro Sp. Wereda	35,784	7,918	18,176	623	-	-
Burji Sp. Wereda	18,316	2,017	9,799	809	-	-
Konso Sp. Wereda	37,230	28,506	48,370	*	-	-
Derashe Sp. Wereda	18,884	5,290	16,576	1,592	-	-
Dawro	157,007	36,840	13,406	3,939	-	*
Basketo Sp. Wereda	10,110	3,945	1,578	312	-	-
Konta Sp. Wereda	29,572	4,211	3,291	492	-	-
Silte	70,948	60,863	7,594	7,446	-	*
Alaba Sp. Wereda	42,609	15,459	19,708	3,986	-	-
Gambela Region	23,011	3,885	8,245	157	-	*
Angnuwak	4,557	244	2,681	*	-	*
Nuware	12,349	1,939	5,165	-	-	-
Mezhenger	3,409	1,459	*	115	-	-
Itang Special	2,696	242	333	-	-	-
Harari	8,143	761	6,805	946	*	-
Hundene	8,143	761	6,805	946	*	-
Dire Dawa	6,724	16,662	37,457	972	959	-

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	4,051,604	1,881,779	1,139,931	348,929	18,651	4,579
Tigray	187,789	87,464	216,347	12,042	*	-
North West Tigray	57,713	13,768	86,033	1,575	*	-
Central Tigray	51,130	25,411	90,841	3,551	*	-
Eastern Tigray	4,579	12,816	*	*	-	-
Southern Tigray	55,303	30,376	11,490	4,737	*	-
Western Tigray	19,065	5,092	23,661	1,388	*	-
Afar	3,358	*	11,854	*	425	-
Zone 1	1,280	*	*	-	*	-
Zone 3	*	*	7,239	*	*	-
Amhara	867,733	1,005,416	428,413	83,391	5,867	*
North Gonder	138,227	30,337	74,052	10,460	*	-
South Gonder	74,262	66,099	30,176	7,997	-	*
North Wolo	66,310	179,847	89,734	1,918	3,527	-
South Wolo	102,821	306,582	26,827	9,779	-	*
North Shewa	63,725	99,790	91,808	10,486	*	-
East Gojam	117,857	161,663	28,792	13,159	-	-
West Gojam	181,268	84,317	10,576	11,061	-	-
Waghamera	10,609	*	42,780	*	-	-
Awi	97,939	58,945	17,436	16,328	-	-
Oromia	14,679	*	15,908	*	432	-
Argoba Special	*	*	325	-	-	-
Oromia	2,084,023	618,447	316,814	213,560	8,181	1,845
West Wellega	220,376	62,183	12,180	26,803	-	*
East Wellega	206,031	28,994	16,374	14,854	-	-
Illubabor	176,717	36,120	11,791	14,760	-	*
Jimma	200,717	25,175	10,197	13,706	-	-
West Shewa	199,574	56,036	10,100	17,440	-	-
North Shewa	75,408	52,295	*	5,578	-	*
East Shewa	67,565	32,121	16,623	9,278	*	-
Arsi	71,193	106,071	10,485	14,767	-	-
West Harerghe	57,207	*	33,094	2,177	-	-
East Harerghe	118,538	14,999	56,195	8,659	*	-
Bale	61,874	*	40,379	8,827	1,338	-
Borena	73,880	*	35,330	*	*	-
South West Shewa	101,117	17,168	3,414	9,668	-	-
Guji	46,659	*	*	4,762	*	-
West Arsi	111,929	60,357	12,054	34,262	-	*
Kelem Wellega	168,520	51,175	26,276	11,553	*	*
Horoguduru Wellega	126,719	25,164	11,588	14,037	-	-

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	9,652	16,547	25,294	*	738	-
Shinele	*	*	*	*	*	-
Jijiga	*	*	*	*	*	-
Liben	*	*	*	-	*	-
Benshangul-Gumuz	108,007	14,498	49,710	9,231	-	-
Metekel	39,150	3,245	12,113	2,566	-	-
Asosa	46,787	8,069	31,829	5,721	-	-
Kemeshi	5,986	*	*	*	-	-
Pawe Special	9,942	648	756	167	-	-
Mao Komo	6,141	1,989	764	273	-	-
SNNP	783,164	121,041	87,280	30,083	-	*
Gurage	52,421	*	6,576	1,775	-	-
Hadiya	27,764	*	*	3,361	-	*
Kembata Tembaro	19,163	2,776	880	1,983	-	-
Sidama	58,745	11,559	2,530	2,008	-	-
Gedio	4,573	7,014	*	*	-	-
Wolayita	85,230	*	*	2,392	-	-
South Omo	44,015	*	14,594	*	-	-
Shaka	9,632	3,515	*	655	-	-
Kaffa	41,797	6,930	2,042	4,954	-	-
Gamo Gofa	176,867	*	19,603	1,835	-	-
Bench Maji	59,449	17,469	*	3,326	-	-
Yem Sp. Wereda	4,338	255	*	*	-	-
Amaro Sp. Wereda	21,726	962	6,051	*	-	-
Burji Sp. Wereda	8,983	*	2,059	313	-	*
Konso Sp. Wereda	23,496	7,478	15,543	*	-	-
Derashe Sp. Wereda	8,636	*	3,249	332	-	-
Dawro	80,611	9,606	2,291	2,570	-	*
Basketo Sp. Wereda	7,639	847	*	151	-	-
Konta Sp. Wereda	15,258	*	*	186	-	-
Silte	25,568	19,271	*	1,883	-	*
Alaba Sp. Wereda	7,254	*	*	*	-	-
Gambela Region	4,615	240	*	*	-	-
Angnuwak	1,822	*	*	*	-	-
Nuware	*	*	*	-	-	-
Mezhenger	1,955	*	-	*	-	-
Itang Special	*	-	*	-	-	-
Harari	2,293	*	698	262	-	-
Hundene	2,293	*	698	262	-	-
Dire Dawa	971	*	2,357	*	*	-

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	4,780,074	6,371,058	4,292,409	228,393	327,740	26,899	61,279	17,784,039
Tigray	128,271	244,550	431,798	*	11,113	*	1,632	1,660,853
North West Tigray	37,387	14,447	151,489	*	1,799	*	*	581,970
Central Tigray	19,584	49,744	132,508	-	2,927	-	*	474,087
Eastern Tigray	10,025	109,873	41,732	-	1,231	-	-	146,312
Southern Tigray	38,500	66,492	51,557	*	4,005	*	*	184,122
Western Tigray	22,776	3,994	54,512	*	1,150	*	-	274,362
Afar	73,429	95,527	140,382	*	1,781	*	22,493	23,001
Zone 1	37,807	38,852	54,554	*	*	*	3,494	*
Zone 3	35,622	56,676	85,828	-	1,299	-	18,999	22,440
Amhara	831,051	2,621,131	1,426,422	29,128	119,967	7,600	1,435	6,354,735
North Gonder	157,174	346,029	394,655	3,781	8,544	*	-	2,109,381
South Gonder	36,827	178,709	141,448	*	5,697	*	-	857,030
North Wolo	107,935	444,730	144,622	*	18,703	*	*	321,528
South Wolo	221,141	806,879	139,113	5,956	19,899	2,754	-	511,098
North Shewa	101,750	338,071	259,705	*	26,057	*	-	806,741
East Gojam	77,713	253,418	*	6,978	12,860	*	-	156,269
West Gojam	59,338	152,568	42,489	*	8,607	*	*	1,194,853
Waghamera	17,664	32,854	108,280	*	3,228	*	-	50,760
Awi	28,480	62,214	28,480	4,854	*	-	-	285,279
Oromia	21,533	5,369	50,654	-	1,615	-	*	58,729
Argoba Special	1,496	290	3,446	-	*	-	50	3,068
Oromia	2,422,615	2,361,036	1,530,740	152,853	154,411	11,279	26,282	6,442,441
West Wellega	59,493	63,112	25,967	*	7,022	*	-	583,097
East Wellega	118,078	77,848	54,777	*	9,605	*	*	419,774
Illubabor	99,510	98,843	47,724	19,847	2,663	*	-	496,900
Jimma	328,641	175,775	66,944	11,154	7,120	4,995	-	510,502
West Shewa	263,383	298,406	61,612	29,253	12,774	*	-	549,611
North Shewa	139,130	300,015	35,646	6,240	7,430	-	-	280,996
East Shewa	89,548	126,188	138,593	*	9,522	*	*	424,858
Arsi	193,033	337,784	131,860	17,121	21,390	*	-	805,612
West Harerghe	86,616	43,627	134,236	*	11,572	*	*	319,028
East Harerghe	160,415	64,259	250,052	1,434	13,448	-	*	118,199
Bale	148,926	90,170	142,791	4,480	11,473	-	3,866	144,903
Borena	140,337	54,699	148,231	-	*	*	*	183,386
South West Shewa	93,337	55,626	31,931	4,659	5,469	*	-	395,937
Guji	166,453	89,595	132,123	22,726	4,447	*	*	266,688
West Arsi	242,030	387,252	71,213	25,027	18,612	*	-	259,767
Kelem Wellega	31,414	42,879	30,601	*	2,943	*	-	494,614
Horoguduru Wellega	62,270	54,957	26,441	5,088	7,099	*	-	188,568

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	118,481	173,821	177,852	*	2,457	*	9,192	11,406
Shinele	4,965	39,185	61,507	*	1,349	-	1,470	*
Jijiga	81,244	68,342	37,157	-	*	*	*	*
Liben	32,273	66,294	79,188	-	*	-	6,570	10,701
Benshangul-Gumuz	38,145	23,172	153,547	*	8,143	*	-	710,207
Metekel	21,430	9,876	45,797	-	1,348	*	-	288,739
Asosa	8,634	6,499	82,564	*	5,735	-	-	288,741
Kemeshi	3,615	3,356	19,606	-	505	*	-	52,015
Pawe Special	1,471	267	702	-	132	*	-	23,809
Mao Komo	2,996	3,174	4,879	*	422	*	-	56,904
SNNP	1,145,659	834,090	386,187	42,791	29,008	4,350	-	2,504,133
Gurage	130,059	88,167	24,371	*	*	*	-	153,705
Hadiya	73,240	40,475	7,570	3,290	2,967	*	-	153,894
Kembata Tembaro	35,271	15,693	4,036	*	1,002	*	-	39,821
Sidama	94,011	46,451	11,753	4,834	*	-	-	162,404
Gedio	7,436	35,748	*	1,241	-	-	-	71,671
Wolayita	122,808	28,950	10,526	*	1,578	*	-	81,787
South Omo	87,804	123,586	139,444	1,525	*	*	-	258,662
Shaka	7,390	10,412	1,603	544	413	*	-	195,949
Kaffa	151,479	132,412	42,553	16,144	*	*	-	457,058
Gamo Gofa	161,928	128,220	33,631	*	3,285	-	-	288,338
Bench Maji	40,514	44,719	13,349	2,351	-	*	-	341,011
Yem Sp. Wereda	6,203	4,536	1,801	*	*	-	-	8,688
Amaro Sp. Wereda	14,252	5,345	11,677	*	*	-	-	6,537
Burji Sp. Wereda	7,166	1,563	5,252	-	286	*	-	7,254
Konso Sp. Wereda	12,757	18,235	28,684	-	*	-	-	22,891
Derashe Sp. Wereda	8,195	4,092	10,416	*	*	*	-	36,317
Dawro	86,290	32,139	10,681	676	*	945	-	40,024
Basketo Sp. Wereda	2,911	3,002	785	*	*	*	-	16,547
Konta Sp. Wereda	14,559	3,518	2,201	154	*	*	-	23,911
Silte	44,736	52,409	6,643	*	2,877	*	-	96,605
Alaba Sp. Wereda	36,652	14,420	17,932	*	2,284	-	-	41,060
Gambela Region	13,941	2,643	6,402	*	-	-	-	65,970
Angnuwak	1,727	*	2,036	-	-	-	-	26,483
Nuware	9,915	1,601	4,081	-	-	-	-	969
Mezhenger	834	844	*	*	-	-	-	30,728
Itang Special	1,465	*	*	-	-	-	-	7,790
Harari	4,855	604	5,388	-	333	-	*	4,089
Hundene	4,855	604	5,388	-	333	-	*	4,089
Dire Dawa	3,626	14,483	33,693	*	526	*	*	7,205

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	1,655,966	2,263,046	1,466,522	80,233	105,011	9,781	25,907	17,259,185
Tigray	72,805	45,865	157,726	*	9,313	*	*	1,273,019
North West Tigray	15,690	6,468	61,681	*	1,090	-	*	408,653
Central Tigray	9,112	9,521	40,165	-	1,984	-	-	253,457
Eastern Tigray	3,987	15,067	14,966	-	*	-	*	114,061
Southern Tigray	31,240	13,583	24,205	-	5,387	*	*	342,268
Western Tigray	12,776	*	16,709	*	*	-	-	154,580
Afar	13,127	20,729	30,225	*	*	*	*	4,106
Zone 1	8,731	17,242	25,620	*	*	*	*	*
Zone 3	*	3,487	4,605	-	*	-	*	3,753
Amhara	348,786	1,217,430	434,430	28,716	40,495	4,689	*	4,899,108
North Gonder	28,184	51,948	95,436	*	2,385	-	-	1,199,017
South Gonder	16,253	28,506	30,798	*	2,309	*	-	621,274
North Wolo	75,602	340,377	54,617	*	6,328	*	*	461,108
South Wolo	124,163	664,208	94,224	*	14,202	*	-	577,463
North Shewa	28,302	66,289	52,463	*	5,303	-	*	533,629
East Gojam	24,425	21,268	*	*	*	*	-	195,750
West Gojam	13,768	21,621	7,766	*	*	*	*	769,630
Waghamera	12,101	10,848	33,474	-	661	-	-	124,793
Awi	6,108	10,633	3,276	*	*	*	-	251,650
Oromia	19,198	*	10,122	-	*	-	*	148,099
Argoba Special	682	*	1,244	-	*	*	*	16,695
Oromia	907,587	566,890	529,083	37,799	47,485	2,719	8,495	6,661,599
West Wellega	11,540	12,525	3,422	-	*	-	-	447,798
East Wellega	18,310	23,099	11,604	-	2,118	-	-	386,013
Illubabor	11,678	15,667	8,846	1,447	-	-	-	537,112
Jimma	25,998	36,803	6,289	-	*	*	-	584,731
West Shewa	89,006	80,316	4,873	8,770	5,012	*	-	398,150
North Shewa	56,342	49,700	23,325	3,539	3,649	*	-	90,610
East Shewa	39,000	*	*	*	3,963	*	*	134,255
Arsi	117,511	56,570	37,433	5,937	4,183	*	*	401,669
West Harerghe	19,133	8,013	54,115	*	3,763	-	*	1,152,207
East Harerghe	*	8,878	74,260	-	2,929	-	*	793,488
Bale	84,063	58,217	126,261	*	7,710	*	*	205,324
Borena	*	18,292	57,289	*	*	-	*	185,752
South West Shewa	*	*	8,041	*	2,696	-	-	176,803
Guji	49,195	10,564	39,039	*	*	-	-	377,189
West Arsi	106,098	83,126	24,637	5,868	6,813	*	-	226,155
Kelem Wellega	3,572	9,533	2,798	-	*	*	-	399,475
Horoguduru Wellega	8,003	6,706	6,819	*	897	*	*	164,868

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	83,249	219,930	219,322	*	2,511	-	5,756	37,846
Shinele	*	65,790	74,148	*	*	-	1,156	*
Jijiga	57,801	115,236	104,459	*	*	-	*	*
Liben	*	38,904	40,715	-	*	-	*	34,425
Benshangul-Gumuz	5,144	4,121	15,079	-	651	-	-	340,501
Metekel	3,473	2,306	5,212	-	*	-	-	202,683
Asosa	*	*	6,318	-	323	-	-	50,259
Kemeshi	597	560	2,680	-	-	-	-	49,943
Pawe Special	87	*	*	-	*	-	-	9,730
Mao Komo	199	623	851	-	*	-	-	27,886
SNNP	221,449	180,916	69,108	12,415	3,659	1,888	*	3,896,513
Gurage	76,679	70,917	4,541	6,809	*	*	*	145,410
Hadiya	13,973	5,117	*	-	*	*	-	302,240
Kembata Tembaro	4,034	3,109	1,000	*	-	*	-	194,314
Sidama	12,326	10,365	*	-	*	-	-	413,642
Gedio	*	5,422	-	*	*	-	-	123,139
Wolayita	21,908	2,817	3,835	-	-	-	-	143,938
South Omo	*	*	*	*	*	*	-	180,192
Shaka	772	3,171	*	-	-	*	-	200,752
Kaffa	5,971	10,917	4,995	785	*	*	-	867,449
Gamo Gofa	15,013	7,124	11,464	*	-	*	-	421,144
Bench Maji	*	10,216	*	*	-	-	-	393,602
Yem Sp. Wereda	785	560	715	-	-	-	-	19,875
Amaro Sp. Wereda	934	*	1,147	-	-	-	-	27,818
Burji Sp. Wereda	844	*	830	-	*	-	-	12,738
Konso Sp. Wereda	405	*	*	-	-	-	-	28,556
Derashe Sp. Wereda	*	*	565	-	*	-	-	50,698
Dawro	5,595	3,077	1,771	*	*	-	-	57,146
Basketo Sp. Wereda	332	711	*	-	-	-	-	24,762
Konta Sp. Wereda	897	1,051	1,163	-	-	-	-	38,486
Silte	29,094	*	2,187	*	*	*	-	206,728
Alaba Sp. Wereda	9,855	2,933	2,401	*	325	-	-	43,883
Gambela Region	2,381	854	1,210	-	-	-	-	100,381
Angnuwak	*	*	448	-	-	-	-	51,813
Nuware	1,221	-	*	-	-	-	-	*
Mezhenger	122	721	-	-	-	-	-	33,549
Itang Special	*	*	*	-	-	-	-	13,644
Harari	240	*	1,162	-	*	-	-	28,469
Hundene	240	*	1,162	-	*	-	-	28,469
Dire Dawa	1,199	6,166	9,177	-	196	-	*	17,644

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	2,707,234	3,775,957	3,585,053	2,950,706	724,993	113,529	6,213	1,003	65
Tigray	164,653	194,228	222,723	192,233	49,682	7,440	73	178	-
North West Tigray	20,267	25,501	33,628	47,302	22,383	4,132	-	-	-
Central Tigray	46,523	61,340	81,621	55,649	3,700	-	-	-	-
Eastern Tigray	35,822	39,612	45,978	20,800	1,338	160	-	-	-
Southern Tigray	52,274	61,075	50,570	47,822	7,144	-	-	178	-
Western Tigray	9,765	6,700	10,926	20,661	15,118	3,148	73	-	-
Afar	11,287	4,561	4,825	9,328	9,812	5,224	896	245	65
Zone 1	5,463	2,118	2,570	6,028	6,064	2,266	385	121	65
Zone 3	5,826	2,443	2,254	3,300	3,747	2,958	510	124	-
Amhara	736,641	1,212,328	1,125,073	783,132	128,820	20,255	530	-	-
North Gonder	98,050	134,040	115,951	130,119	44,410	13,326	404	-	-
South Gonder	70,937	141,351	140,171	89,370	6,069	371	-	-	-
North Wolo	86,604	158,618	140,982	61,307	6,283	-	-	-	-
South Wolo	128,221	231,484	236,201	102,167	5,037	-	-	-	-
North Shewa	104,660	157,606	123,744	73,792	4,193	313	-	-	-
East Gojam	89,257	171,564	141,675	105,619	19,398	2,754	-	-	-
West Gojam	76,826	130,154	134,512	126,671	23,685	1,622	-	-	-
Waghamera	17,975	23,889	24,925	21,144	5,088	614	126	-	-
Awi	44,018	35,962	37,419	53,665	12,407	1,231	-	-	-
Oromia	18,676	25,885	27,419	17,696	2,161	-	-	-	-
Argoba Special	1,418	1,776	2,073	1,582	89	24	-	-	-
Oromia	1,123,737	1,354,561	1,337,807	1,377,235	426,867	57,124	2,132	-	-
West Wellega	111,263	52,366	44,446	48,776	21,469	1,837	225	-	-
East Wellega	50,044	50,904	42,809	58,556	25,402	3,438	-	-	-
Illubabor	77,933	53,332	50,769	62,905	20,730	2,148	167	-	-
Jimma	91,518	124,708	161,984	157,515	22,096	715	-	-	-
West Shewa	98,649	87,176	85,137	105,335	39,020	3,455	169	-	-
North Shewa	53,320	70,823	88,169	103,456	25,801	1,342	-	-	-
East Shewa	67,201	60,529	64,166	67,783	23,894	2,854	-	-	-
Arsi	81,379	114,503	139,242	206,976	58,410	5,945	-	-	-
West Harerghe	54,949	126,225	116,752	80,762	11,521	1,607	-	-	-
East Harerghe	81,208	239,750	163,351	63,877	9,595	1,178	-	-	-
Bale	44,158	54,554	64,628	81,385	23,959	1,947	-	-	-
Borena	51,018	48,201	45,959	56,994	33,545	9,728	1,350	-	-
South West Shewa	44,388	70,656	59,188	53,276	6,857	369	-	-	-
Guji	59,767	54,823	64,762	66,173	46,527	10,706	220	-	-
West Arsi	76,131	84,139	91,698	106,691	39,151	6,044	-	-	-
Kelem Wellega	59,892	42,725	33,513	27,537	2,879	807	-	-	-
Horoguduru Wellega	20,920	19,147	21,232	29,239	16,011	3,005	-	-	-

TABLE 3- 27-a CONT'D

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	48,911	23,859	24,653	29,296	15,824	4,040	117	-	-
Shinele	9,881	2,518	1,577	1,097	228	-	-	-	-
Jijiga	16,890	12,502	15,319	19,745	9,698	1,941	-	-	-
Liben	22,139	8,839	7,757	8,454	5,899	2,099	117	-	-
Benshangul-Gumuz	73,211	21,600	17,231	20,921	8,018	2,407	232	-	-
Metekel	14,494	8,337	7,719	13,586	6,746	2,104	212	-	-
Asosa	39,443	8,062	6,150	4,096	310	-	-	-	-
Kemeshi	12,244	1,901	1,146	1,091	264	212	-	-	-
Pawe Special	1,947	1,287	882	1,193	499	64	20	-	-
Mao Komo	5,083	2,013	1,335	954	199	28	-	-	-
SNNP	521,461	942,992	838,350	531,725	82,743	15,493	2,028	580	-
Gurage	26,720	83,530	115,339	71,280	2,721	-	-	-	-
Hadiya	22,852	90,987	72,460	36,625	2,364	-	-	-	-
Kembata Tembaro	14,064	52,403	43,001	9,724	-	-	-	-	-
Sidama	115,786	207,425	139,917	87,203	25,297	2,701	-	-	-
Gedio	103,064	47,475	8,972	5,262	272	-	-	-	-
Wolayita	27,026	123,531	102,116	29,520	2,289	-	-	-	-
South Omo	28,168	21,606	15,701	20,069	13,533	10,224	1,563	91	-
Shaka	14,978	10,938	7,842	4,926	866	164	-	-	-
Kaffa	24,099	47,337	49,008	60,705	11,858	943	417	417	-
Gamo Gofa	49,318	102,415	97,753	71,397	6,480	240	-	-	-
Bench Maji	22,828	38,445	37,431	28,225	4,810	122	-	-	-
Yem Sp. Wereda	2,225	3,835	6,033	4,265	133	-	48	71	-
Amaro Sp. Wereda	4,117	8,188	6,984	8,242	1,715	307	-	-	-
Burji Sp. Wereda	1,794	1,967	2,529	2,792	668	66	-	-	-
Konso Sp. Wereda	14,759	12,673	9,813	7,615	2,086	576	-	-	-
Derashe Sp. Wereda	11,335	6,778	3,180	3,478	1,413	79	-	-	-
Dawro	11,344	23,329	29,555	27,647	2,049	-	-	-	-
Basketo Sp. Wereda	3,498	4,628	4,886	2,282	43	-	-	-	-
Konta Sp. Wereda	2,834	4,345	6,056	6,066	400	72	-	-	-
Silte	15,840	40,480	64,420	33,841	2,259	-	-	-	-
Alaba Sp. Wereda	4,804	10,679	15,356	10,562	1,490	-	-	-	-
Gambela Region	18,978	5,443	3,745	2,440	2,720	1,545	205	-	-
Angnuwak	9,260	993	723	523	283	62	-	-	-
Nuware	217	113	427	1,240	2,090	1,212	142	-	-
Mezhenger	6,880	4,300	2,560	476	-	-	-	-	-
Itang Special	2,621	37	35	200	347	272	63	-	-
Harari	3,176	7,800	5,090	2,045	232	-	-	-	-
Hundene	3,176	7,800	5,090	2,045	232	-	-	-	-
Dire Dawa	5,180	8,586	5,557	2,350	274	-	-	-	-

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	8,555,018	3,385,978	1,416,059	500,597	5,751	1,079	271	-
Tigray	629,859	76,264	81,188	43,899	-	-	-	-
North West Tigray	137,753	5,030	5,278	5,152	-	-	-	-
Central Tigray	195,353	21,890	19,663	11,927	-	-	-	-
Eastern Tigray	62,924	25,112	36,986	18,688	-	-	-	-
Southern Tigray	173,658	21,835	16,906	6,664	-	-	-	-
Western Tigray	60,172	2,396	2,355	1,468	-	-	-	-
Afar	17,119	7,096	6,877	14,431	582	106	32	-
Zone 1	8,447	4,176	5,103	7,088	184	50	32	-
Zone 3	8,670	2,920	1,774	7,344	398	56	-	-
Amhara	2,348,377	857,623	583,811	216,722	246	-	-	-
North Gonder	387,446	66,599	53,520	28,735	-	-	-	-
South Gonder	261,735	103,855	68,535	14,144	-	-	-	-
North Wolo	270,884	93,818	64,992	24,100	-	-	-	-
South Wolo	356,475	158,320	138,947	49,368	-	-	-	-
North Shewa	294,910	85,931	46,784	36,683	-	-	-	-
East Gojam	245,005	143,593	110,985	30,684	-	-	-	-
West Gojam	279,741	134,312	59,482	19,935	-	-	-	-
Waghamera	69,776	13,192	6,057	4,490	246	-	-	-
Awi	95,274	48,126	32,731	8,571	-	-	-	-
Oromia	80,524	9,572	1,741	-	-	-	-	-
Argoba Special	6,610	303	37	12	-	-	-	-
Oromia	3,544,123	1,452,794	528,016	153,638	564	328	-	-
West Wellega	191,145	68,901	18,768	1,568	-	-	-	-
East Wellega	150,896	56,311	20,561	3,385	-	-	-	-
Illubabor	139,284	95,069	30,494	3,137	-	-	-	-
Jimma	270,988	226,639	53,076	7,833	-	-	-	-
West Shewa	240,914	110,486	51,497	16,044	-	-	-	-
North Shewa	165,089	90,976	56,735	29,783	-	328	-	-
East Shewa	186,916	53,511	33,601	12,399	-	-	-	-
Arsi	330,928	137,205	96,681	41,305	336	-	-	-
West Harerghe	297,376	84,001	9,911	528	-	-	-	-
East Harerghe	435,464	109,146	11,917	2,432	-	-	-	-
Bale	215,111	34,405	16,447	4,440	228	-	-	-
Borena	171,320	54,569	15,111	5,795	-	-	-	-
South West Shewa	180,955	44,011	8,999	769	-	-	-	-
Guji	164,172	98,731	33,685	6,390	-	-	-	-
West Arsi	236,295	112,156	41,095	14,308	-	-	-	-
Kelem Wellega	107,879	44,219	14,278	977	-	-	-	-
Horoguduru Wellega	59,394	32,457	15,160	2,543	-	-	-	-

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	75,923	19,720	16,117	30,096	3,959	646	239	-
Shinele	4,991	4,288	2,489	3,063	403	-	67	-
Jijiga	38,121	5,916	7,366	20,397	3,477	646	172	-
Liben	32,810	9,517	6,262	6,636	79	-	-	-
Benshangul-Gumuz	120,674	16,532	5,735	679	-	-	-	-
Metekel	40,453	8,439	3,787	519	-	-	-	-
Asosa	54,118	3,185	700	58	-	-	-	-
Kemeshi	13,963	2,387	508	-	-	-	-	-
Pawe Special	5,299	525	59	9	-	-	-	-
Mao Komo	6,841	1,996	682	93	-	-	-	-
SNNP	1,762,711	941,088	190,804	40,369	400	-	-	-
Gurage	171,330	106,335	20,689	1,236	-	-	-	-
Hadiya	127,154	89,237	8,682	215	-	-	-	-
Kembata Tembaro	72,691	44,404	2,097	-	-	-	-	-
Sidama	430,915	126,147	14,361	6,906	-	-	-	-
Gedio	107,694	44,970	10,539	1,842	-	-	-	-
Wolayita	188,321	93,655	2,506	-	-	-	-	-
South Omo	56,058	23,516	17,075	13,906	400	-	-	-
Shaka	21,705	12,904	4,460	645	-	-	-	-
Kaffa	67,036	88,732	33,686	5,330	-	-	-	-
Gamo Gofa	217,013	77,030	27,950	5,610	-	-	-	-
Bench Maji	67,630	53,657	10,011	563	-	-	-	-
Yem Sp. Wereda	7,502	7,045	2,011	52	-	-	-	-
Amaro Sp. Wereda	21,180	5,572	2,115	686	-	-	-	-
Burji Sp. Wereda	8,673	906	221	16	-	-	-	-
Konso Sp. Wereda	14,068	24,128	7,611	1,715	-	-	-	-
Derashe Sp. Wereda	19,330	5,586	1,021	326	-	-	-	-
Dawro	51,175	38,628	4,121	-	-	-	-	-
Basketo Sp. Wereda	9,538	5,030	769	-	-	-	-	-
Konta Sp. Wereda	13,181	5,754	781	57	-	-	-	-
Silte	65,818	72,093	17,929	1,000	-	-	-	-
Alaba Sp. Wereda	24,704	15,756	2,170	261	-	-	-	-
Gambela Region	30,161	3,684	1,042	189	-	-	-	-
Angnuwak	11,674	103	55	12	-	-	-	-
Nuware	4,618	289	417	117	-	-	-	-
Mezhenger	10,499	3,208	486	23	-	-	-	-
Itang Special	3,369	85	84	37	-	-	-	-
Harari	16,183	2,111	49	-	-	-	-	-
Hundene	16,183	2,111	49	-	-	-	-	-
Dire Dawa	9,888	9,066	2,419	574	-	-	-	-

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	9,971,039	2,356,595	971,726	547,047	16,200	2,091	55	-
Tigray	504,679	96,676	111,457	115,409	2,989	-	-	-
North West Tigray	67,073	21,188	24,780	38,598	1,574	-	-	-
Central Tigray	119,736	32,263	49,805	45,966	1,063	-	-	-
Eastern Tigray	111,831	9,939	12,984	8,956	-	-	-	-
Southern Tigray	171,035	23,727	13,867	10,256	178	-	-	-
Western Tigray	35,005	9,560	10,019	11,633	174	-	-	-
Afar	9,169	5,252	6,684	21,721	2,621	741	55	-
Zone 1	4,146	2,945	4,769	11,955	1,118	115	32	-
Zone 3	5,024	2,307	1,915	9,765	1,503	626	22	-
Amhara	2,864,859	666,058	321,544	152,520	1,305	493	-	-
North Gonder	331,859	95,038	61,682	47,721	-	-	-	-
South Gonder	301,423	93,577	42,883	10,386	-	-	-	-
North Wolo	301,646	93,492	43,216	15,440	-	-	-	-
South Wolo	508,814	138,045	37,566	18,685	-	-	-	-
North Shewa	311,103	82,367	48,526	22,312	-	-	-	-
East Gojam	443,662	45,311	27,899	12,703	692	-	-	-
West Gojam	411,751	54,797	23,101	3,821	-	-	-	-
Waghamera	37,504	18,632	19,151	17,368	613	493	-	-
Awi	158,261	19,255	6,252	934	-	-	-	-
Oromia	55,481	23,884	9,888	2,584	-	-	-	-
Argoba Special	3,361	1,658	1,377	566	-	-	-	-
Oromia	4,079,336	1,048,294	390,358	159,827	1,648	-	-	-
West Wellega	253,818	20,699	3,926	1,939	-	-	-	-
East Wellega	183,519	31,016	12,588	4,030	-	-	-	-
Illubabor	219,512	34,839	11,260	2,373	-	-	-	-
Jimma	457,172	84,643	14,137	2,584	-	-	-	-
West Shewa	352,154	41,719	20,070	4,998	-	-	-	-
North Shewa	295,113	31,500	12,577	3,721	-	-	-	-
East Shewa	201,017	46,820	23,970	14,161	459	-	-	-
Arsi	468,111	87,614	32,647	17,623	460	-	-	-
West Harerghe	186,639	144,610	43,142	17,425	-	-	-	-
East Harerghe	240,954	234,907	65,389	17,709	-	-	-	-
Bale	151,328	58,343	43,910	17,050	-	-	-	-
Borena	122,558	56,038	37,618	29,852	729	-	-	-
South West Shewa	184,596	37,313	10,656	2,169	-	-	-	-
Guji	208,890	48,199	31,079	14,810	-	-	-	-
West Arsi	332,619	50,634	13,757	6,844	-	-	-	-
Kelem Wellega	138,279	21,931	6,650	493	-	-	-	-
Horoguduru Wellega	83,057	17,469	6,982	2,046	-	-	-	-

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	50,747	24,056	22,377	45,316	3,769	435	-	-
Shinele	2,555	2,771	2,239	6,013	1,454	269	-	-
Jijiga	28,378	12,967	11,871	21,328	1,463	88	-	-
Liben	19,814	8,318	8,266	17,976	851	79	-	-
Benshangul-Gumuz	86,425	28,910	19,015	9,270	-	-	-	-
Metekel	32,610	9,197	6,735	4,656	-	-	-	-
Asosa	34,730	12,288	8,167	2,876	-	-	-	-
Kemeshi	7,678	4,323	3,301	1,556	-	-	-	-
Pawe Special	5,272	478	130	12	-	-	-	-
Mao Komo	6,135	2,624	682	171	-	-	-	-
SNNP	2,336,739	464,909	90,794	38,700	3,808	422	-	-
Gurage	241,093	49,930	8,300	267	-	-	-	-
Hadiya	187,992	33,549	3,339	408	-	-	-	-
Kembata Tembaro	102,038	15,699	1,455	-	-	-	-	-
Sidama	489,951	78,777	8,172	1,429	-	-	-	-
Gedio	161,227	3,393	425	-	-	-	-	-
Wolayita	246,633	32,934	3,986	929	-	-	-	-
South Omo	61,210	13,684	9,895	22,012	3,732	422	-	-
Shaka	35,615	3,574	472	53	-	-	-	-
Kaffa	139,831	45,594	8,631	728	-	-	-	-
Gamo Gofa	267,920	49,081	8,990	1,612	-	-	-	-
Bench Maji	99,659	26,237	5,045	920	-	-	-	-
Yem Sp. Wereda	10,665	4,259	1,392	294	-	-	-	-
Amaro Sp. Wereda	15,559	7,559	4,817	1,618	-	-	-	-
Burji Sp. Wereda	5,104	2,286	1,759	667	-	-	-	-
Konso Sp. Wereda	14,188	18,078	9,392	5,788	76	-	-	-
Derashe Sp. Wereda	12,426	8,289	4,472	1,076	-	-	-	-
Dawro	71,560	20,304	1,974	86	-	-	-	-
Basketo Sp. Wereda	12,339	2,670	286	42	-	-	-	-
Konta Sp. Wereda	15,209	3,919	616	29	-	-	-	-
Silte	122,037	30,163	4,640	-	-	-	-	-
Alaba Sp. Wereda	24,482	14,932	2,735	742	-	-	-	-
Gambela Region	29,309	3,189	1,621	957	-	-	-	-
Angnuwak	9,916	1,058	736	134	-	-	-	-
Nuware	2,944	1,032	747	718	-	-	-	-
Mezhenger	13,326	845	45	-	-	-	-	-
Itang Special	3,122	254	94	105	-	-	-	-
Harari	6,781	9,489	1,928	145	-	-	-	-
Hundene	6,781	9,489	1,928	145	-	-	-	-
Dire Dawa	2,996	9,762	5,949	3,181	59	-	-	-

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	12,681,071	1,055,359	109,808	17,108	1,407	10,008,347	3,591,000	248,980	15,990	436
Tigray	827,820	2,755	635	-	-	516,743	284,920	28,769	778	-
North West Tigray	153,213	-	-	-	-	96,290	49,459	7,312	152	-
Central Tigray	248,833	-	-	-	-	158,548	79,143	11,142	-	-
Eastern Tigray	143,180	530	-	-	-	85,443	54,655	3,612	-	-
Southern Tigray	216,875	1,718	470	-	-	137,439	75,226	5,855	543	-
Western Tigray	65,718	507	166	-	-	39,022	26,438	848	83	-
Afar	46,222	21	-	-	-	33,606	9,076	2,785	744	32
Zone 1	25,059	21	-	-	-	18,426	4,998	1,421	203	32
Zone 3	21,162	-	-	-	-	15,180	4,077	1,364	541	-
Amhara	3,785,162	207,968	13,649	-	-	2,561,454	1,359,936	81,607	3,782	-
North Gonder	514,675	20,543	1,082	-	-	340,717	184,190	10,701	692	-
South Gonder	432,301	15,659	309	-	-	294,300	144,802	8,558	609	-
North Wolo	429,666	23,054	1,074	-	-	307,442	140,926	5,075	351	-
South Wolo	654,045	49,065	-	-	-	407,648	282,356	13,106	-	-
North Shewa	447,558	16,149	601	-	-	243,041	207,755	13,223	289	-
East Gojam	487,646	38,993	3,628	-	-	346,544	163,284	19,240	1,199	-
West Gojam	477,615	13,723	2,132	-	-	350,096	139,255	4,119	-	-
Waghamera	93,656	105	-	-	-	46,992	41,612	4,720	437	-
Awi	149,203	30,676	4,823	-	-	146,271	35,821	2,421	189	-
Oromia	91,837	-	-	-	-	73,174	18,268	395	-	-
Argoba Special	6,962	-	-	-	-	5,233	1,667	48	14	-
Oromia	4,977,830	598,402	85,703	16,121	1,407	4,009,694	1,538,392	121,099	9,874	404
West Wellega	278,497	1,885	-	-	-	212,085	61,418	6,260	619	-
East Wellega	228,345	2,808	-	-	-	173,543	54,340	3,034	236	-
Illubabor	241,858	22,958	2,819	180	169	257,107	10,191	686	-	-
Jimma	505,825	48,200	4,511	-	-	518,132	39,437	967	-	-
West Shewa	312,679	90,897	13,096	2,269	-	334,536	77,134	6,357	914	-
North Shewa	266,994	68,978	6,610	329	-	210,747	121,350	9,874	940	-
East Shewa	273,564	12,106	580	177	-	127,409	137,839	18,551	2,224	404
Arsi	439,009	143,287	21,527	2,632	-	326,150	257,599	20,897	1,809	-
West Harerghe	391,304	512	-	-	-	249,700	136,414	5,702	-	-
East Harerghe	558,298	661	-	-	-	363,364	187,096	8,499	-	-
Bale	238,323	26,490	3,892	1,698	228	145,812	116,229	8,392	198	-
Borena	245,638	1,157	-	-	-	188,307	55,234	2,505	749	-
South West Shewa	208,666	24,821	1,247	-	-	152,969	76,345	5,250	170	-
Guji	216,700	69,169	11,966	4,572	571	248,382	48,463	5,473	660	-
West Arsi	317,054	67,422	15,805	3,235	338	279,626	108,181	15,070	977	-
Kelem Wellega	160,625	4,888	1,581	259	-	143,057	23,882	414	-	-
Horoguduru Wellega	94,446	12,165	2,070	771	102	78,768	27,241	3,167	378	-

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	146,700	-	-	-	-	80,383	60,168	5,750	399	-
Shinele	15,301	-	-	-	-	7,911	6,781	558	51	-
Jijiga	76,095	-	-	-	-	41,277	31,314	3,202	302	-
Liben	55,304	-	-	-	-	31,193	22,074	1,990	47	-
Benshangul-Gumuz	142,673	876	71	-	-	108,130	33,029	2,188	273	-
Metekel	52,251	876	71	-	-	35,523	16,692	858	125	-
Asosa	58,061	-	-	-	-	45,561	11,490	952	58	-
Kemeshi	16,858	-	-	-	-	13,699	2,769	300	90	-
Pawe Special	5,892	-	-	-	-	5,504	380	8	-	-
Mao Komo	9,612	-	-	-	-	7,843	1,698	71	-	-
SNNP	2,679,492	245,144	9,749	987	-	2,640,020	289,077	6,189	86	-
Gurage	245,207	53,763	620	-	-	249,536	50,054	-	-	-
Hadiya	205,613	19,272	403	-	-	185,884	38,999	405	-	-
Kembata Tembaro	115,190	4,002	-	-	-	102,408	16,676	108	-	-
Sidama	533,934	42,862	1,533	-	-	535,461	40,469	2,399	-	-
Gedio	148,934	14,211	1,654	246	-	163,252	1,793	-	-	-
Wolayita	280,442	4,040	-	-	-	261,536	22,714	232	-	-
South Omo	100,674	8,450	1,090	741	-	106,436	3,656	863	-	-
Shaka	37,086	2,356	272	-	-	37,435	2,222	57	-	-
Kaffa	156,587	34,921	3,276	-	-	192,665	2,119	-	-	-
Gamo Gofa	310,545	17,058	-	-	-	312,292	15,071	240	-	-
Bench Maji	124,456	6,640	765	-	-	131,217	644	-	-	-
Yem Sp. Wereda	16,170	440	-	-	-	14,413	2,100	73	24	-
Amaro Sp. Wereda	27,386	2,072	95	-	-	27,975	1,472	106	-	-
Burji Sp. Wereda	9,802	14	-	-	-	6,863	2,747	206	-	-
Konso Sp. Wereda	47,522	-	-	-	-	43,788	3,001	733	-	-
Derashe Sp. Wereda	26,021	201	41	-	-	17,018	9,160	85	-	-
Dawro	89,258	4,666	-	-	-	91,932	1,992	-	-	-
Basketo Sp. Wereda	15,103	234	-	-	-	15,047	267	23	-	-
Konta Sp. Wereda	18,821	952	-	-	-	19,713	60	-	-	-
Silte	130,602	26,238	-	-	-	102,757	54,083	-	-	-
Alaba Sp. Wereda	40,142	2,749	-	-	-	22,393	19,776	660	62	-
Gambela Region	34,884	192	-	-	-	34,882	194	-	-	-
Angnuwak	11,844	-	-	-	-	11,697	147	-	-	-
Nuware	5,441	-	-	-	-	5,441	-	-	-	-
Mezhenger	14,024	192	-	-	-	14,169	47	-	-	-
Itang Special	3,575	-	-	-	-	3,575	-	-	-	-
Harari	18,343	-	-	-	-	11,114	7,026	182	21	-
Hundene	18,343	-	-	-	-	11,114	7,026	182	21	-
Dire Dawa	21,947	-	-	-	-	12,322	9,182	411	32	-

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	13,519,934	341,942	2,771	106	-	13,673,540	111,722	31,791	28,911	18,789
Tigray	824,861	6,192	157	-	-	811,805	15,906	2,663	672	164
North West Tigray	152,248	965	-	-	-	144,674	8,245	147	147	-
Central Tigray	247,821	1,012	-	-	-	244,929	3,465	439	-	-
Eastern Tigray	143,073	637	-	-	-	143,263	313	134	-	-
Southern Tigray	216,208	2,698	157	-	-	213,752	2,679	1,943	525	164
Western Tigray	65,511	880	-	-	-	65,187	1,204	-	-	-
Afar	46,212	31	-	-	-	26,496	8,355	2,207	3,171	6,014
Zone 1	25,080	-	-	-	-	14,310	6,815	1,444	904	1,607
Zone 3	21,131	31	-	-	-	12,185	1,540	763	2,267	4,407
Amhara	3,888,172	118,153	454	-	-	3,974,020	29,686	2,362	422	289
North Gonder	522,688	13,612	-	-	-	535,335	965	-	-	-
South Gonder	437,931	10,338	-	-	-	448,269	-	-	-	-
North Wolo	438,362	15,432	-	-	-	440,257	12,482	1,055	-	-
South Wolo	666,408	36,702	-	-	-	699,506	3,604	-	-	-
North Shewa	452,918	11,390	-	-	-	458,545	4,769	297	408	289
East Gojam	522,179	8,088	-	-	-	530,267	-	-	-	-
West Gojam	479,104	13,912	454	-	-	493,470	-	-	-	-
Waghamera	90,731	3,030	-	-	-	93,761	-	-	-	-
Awi	179,308	5,394	-	-	-	184,702	-	-	-	-
Oromia	91,582	255	-	-	-	83,488	7,376	973	-	-
Argoba Special	6,962	-	-	-	-	6,422	489	37	14	-
Oromia	5,510,005	168,360	1,098	-	-	5,606,567	37,498	17,193	13,792	4,413
West Wellega	274,909	5,473	-	-	-	280,382	-	-	-	-
East Wellega	228,224	2,929	-	-	-	231,153	-	-	-	-
Illubabor	259,025	8,610	349	-	-	267,984	-	-	-	-
Jimma	532,165	26,371	-	-	-	558,536	-	-	-	-
West Shewa	406,650	12,291	-	-	-	418,941	-	-	-	-
North Shewa	335,184	7,469	258	-	-	342,911	-	-	-	-
East Shewa	277,758	8,669	-	-	-	278,553	3,576	2,034	1,420	844
Arsi	579,951	26,143	361	-	-	604,851	841	420	343	-
West Harerghe	389,122	2,694	-	-	-	383,296	3,638	3,625	874	383
East Harerghe	558,582	377	-	-	-	538,290	6,944	6,177	5,627	1,921
Bale	255,211	15,420	-	-	-	259,921	7,319	2,082	893	416
Borena	242,732	4,063	-	-	-	230,793	11,563	1,544	2,625	270
South West Shewa	228,842	5,892	-	-	-	234,734	-	-	-	-
Guji	277,762	25,216	-	-	-	295,459	3,618	1,311	2,010	580
West Arsi	397,175	6,679	-	-	-	403,854	-	-	-	-
Kelem Wellega	160,189	7,034	130	-	-	167,353	-	-	-	-
Horoguduru Wellega	106,524	3,030	-	-	-	109,554	-	-	-	-

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	146,670	30	-	-	-	103,329	18,078	6,964	10,543	7,786
Shinele	15,301	-	-	-	-	11,057	2,236	860	815	333
Jijiga	76,095	-	-	-	-	55,910	12,128	2,510	3,760	1,787
Liben	55,274	30	-	-	-	36,362	3,714	3,594	5,968	5,666
Benshangul-Gumuz	143,025	595	-	-	-	143,620	-	-	-	-
Metekel	52,852	346	-	-	-	53,198	-	-	-	-
Asosa	57,988	73	-	-	-	58,061	-	-	-	-
Kemeshi	16,772	86	-	-	-	16,858	-	-	-	-
Pawe special	5,852	40	-	-	-	5,892	-	-	-	-
Mao Komo	9,562	50	-	-	-	9,612	-	-	-	-
SNNP	2,885,669	48,534	1,063	106	-	2,935,274	98	-	-	-
Gurage	297,421	2,169	-	-	-	299,590	-	-	-	-
Hadiya	220,756	4,532	-	-	-	225,288	-	-	-	-
Kembata Tembaro	118,399	793	-	-	-	119,192	-	-	-	-
Sidama	577,941	388	-	-	-	578,329	-	-	-	-
Gedio	160,888	4,157	-	-	-	165,045	-	-	-	-
Wolayita	281,724	2,758	-	-	-	284,482	-	-	-	-
South Omo	107,634	2,787	428	106	-	110,857	98	-	-	-
Shaka	39,236	478	-	-	-	39,714	-	-	-	-
Kaffa	183,986	10,798	-	-	-	194,784	-	-	-	-
Gamo Gofa	320,183	6,892	528	-	-	327,603	-	-	-	-
Bench Maji	130,365	1,389	107	-	-	131,861	-	-	-	-
Yem Sp. Wereda	16,532	78	-	-	-	16,610	-	-	-	-
Amaro Sp. Wereda	28,551	1,002	-	-	-	29,553	-	-	-	-
Burji Sp. Wereda	9,727	89	-	-	-	9,816	-	-	-	-
Konso Sp. Wereda	47,522	-	-	-	-	47,522	-	-	-	-
Derashe Sp. Wereda	26,059	204	-	-	-	26,263	-	-	-	-
Dawro	89,180	4,744	-	-	-	93,924	-	-	-	-
Basketo Sp. Wereda	14,721	616	-	-	-	15,337	-	-	-	-
Konta Sp. Wereda	19,278	495	-	-	-	19,773	-	-	-	-
Silte	153,291	3,549	-	-	-	156,840	-	-	-	-
Alaba Sp. Wereda	42,276	615	-	-	-	42,891	-	-	-	-
Gambela Region	35,029	47	-	-	-	35,076	-	-	-	-
Angnuwak	11,844	-	-	-	-	11,844	-	-	-	-
Nuware	5,441	-	-	-	-	5,441	-	-	-	-
Mezhenger	14,169	47	-	-	-	14,216	-	-	-	-
Itang Special	3,575	-	-	-	-	3,575	-	-	-	-
Harari	18,343	-	-	-	-	18,082	74	20	46	121
Hundene	18,343	-	-	-	-	18,082	74	20	46	121
Dire Dawa	21,947	-	-	-	-	19,274	2,027	382	264	-

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	6,632,025	6,097,378	1,132,976	2,368	6	
Tigray	228,497	470,467	131,943	303		
North West Tigray	36,638	76,011	40,261	303		
Central Tigray	57,220	147,059	44,554			
Eastern Tigray	33,109	101,947	8,654			
Southern Tigray	84,952	115,803	18,308			
Western Tigray	16,577	29,647	20,167			
Afar	41,245	4,270	728			
Zone 1	24,807	273				
Zone 3	16,437	3,997	728			
Amhara	1,409,770	2,230,697	365,631	681		
North Gonder	123,930	290,021	121,668	681		
South Gonder	157,690	245,032	45,547			
North Wolo	116,025	312,238	25,531			
South Wolo	203,781	474,617	24,712			
North Shewa	152,818	282,766	28,724			
East Gojam	322,359	185,850	22,058			
West Gojam	186,752	245,760	60,958			
Waghamera	29,746	52,210	11,805			
Awi	74,975	91,842	17,885			
Oromia	40,221	45,938	5,678			
Argoba Special	1,472	4,423	1,067			
Oromia	3,080,074	2,197,928	400,879	582		
West Wellega	136,989	105,802	37,591			
East Wellega	115,748	89,150	26,255			
Illubabor	115,693	117,942	34,349			
Jimma	312,207	217,566	28,763			
West Shewa	224,704	165,193	29,044			
North Shewa	188,371	142,866	11,261	413		
East Shewa	150,055	115,182	21,190			
Arsi	339,549	230,617	36,289			
West Harerghe	195,478	172,741	23,597			
East Harerghe	296,536	242,086	20,337			
Bale	192,178	68,749	9,704			
Borena	141,379	82,983	22,433			
South West Shewa	118,628	104,470	11,636			
Guji	162,132	113,465	27,381			
West Arsi	271,114	111,583	21,157			
Kelem Wellega	64,379	76,141	26,663	170		
Horoguduru Wellega	54,934	41,392	13,228			

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	130,914	13,878	1,908	-	-	-
Shinele	14,567	666	68	-	-	-
Jijiga	73,540	2,555	-	-	-	-
Liben	42,807	10,657	1,840	-	-	-
Benshangul-Gumuz	52,880	58,220	32,503	17	-	-
Metekel	12,793	23,830	16,575	-	-	-
Asosa	29,717	20,100	8,244	-	-	-
Kemeshi	4,819	7,355	4,684	-	-	-
Pawe Special	1,984	2,691	1,217	-	-	-
Mao Komo	3,569	4,244	1,782	17	-	-
SNNP	1,652,292	1,091,239	191,556	285	-	-
Gurage	151,461	141,442	6,687	-	-	-
Hadiya	114,707	96,259	14,322	-	-	-
Kembata Tembaro	63,576	50,752	4,864	-	-	-
Sidama	389,023	177,337	11,969	-	-	-
Gedio	111,992	50,312	2,741	-	-	-
Wolayita	182,791	85,610	16,081	-	-	-
South Omo	48,385	38,818	23,632	120	-	-
Shaka	17,542	18,995	3,131	46	-	-
Kaffa	78,469	86,835	29,480	-	-	-
Gamo Gofa	213,440	92,206	21,957	-	-	-
Bench Maji	48,352	59,888	23,502	119	-	-
Yem Sp. Wereda	9,679	6,163	768	-	-	-
Amaro Sp. Wereda	18,847	9,291	1,415	-	-	-
Burji Sp. Wereda	5,822	3,210	784	-	-	-
Konso Sp. Wereda	21,139	21,915	4,468	-	-	-
Derashe Sp. Wereda	11,681	10,926	3,656	-	-	-
Dawro	59,575	29,121	5,228	-	-	-
Basketo Sp. Wereda	8,169	6,298	870	-	-	-
Konta Sp. Wereda	10,598	7,306	1,869	-	-	-
Silte	65,364	80,387	11,089	-	-	-
Alaba Sp. Wereda	21,679	18,170	3,042	-	-	-
Gambela Region	17,387	10,441	6,743	499	6	-
Angnuwak	4,873	2,678	3,870	423	-	-
Nuware	4,366	726	349	-	-	-
Mezhenger	6,328	6,472	1,416	-	-	-
Itang Special	1,819	565	1,108	77	6	-
Harari	10,929	6,709	705	-	-	-
Hundene	10,929	6,709	705	-	-	-
Dire Dawa	8,037	13,529	381	-	-	-

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	61.12	27.14	0.15	7.05	0.67	3.86
Tigray	100	39.64	37.57	0.32	16.3	1.25	4.92
North West Tigray	100	49.3	31.35	0.3	14.72	1.96	2.37
Central Tigray	100	33.58	43.96	0.25	20.01	0.95	1.25
Eastern Tigray	100	33.92	41.17	0.06	14.48	1.36	9.01
Southern Tigray	100	36.19	38.76	0.5	15.27	0.63	8.65
Western Tigray	100	60.76	18.4	0.62	13.49	2.35	4.39
Afar	100	81.71	5.91	0.01	6.01	0.27	6.09
Zone 1	100	86.79	7.89	0.03	1.54	0.02	3.73
Zone 3	100	75.52	3.5	-	11.44	0.58	8.96
Amhara	100	46.04	35.03	0.26	14.65	0.36	3.66
North Gonder	100	51.86	30.21	0.27	15.03	0.43	2.21
South Gonder	100	38.03	39.09	0.22	20.19	0.35	2.11
North Wolo	100	36	41.5	0.43	17.39	0.16	4.53
South Wolo	100	37.83	36.66	0.47	21.16	0.15	3.74
North Shewa	100	42.83	38.21	0.13	14.25	0.74	3.84
East Gojam	100	51.91	36.59	0.29	5.91	0.29	5
West Gojam	100	55.96	30.45	0.05	8.57	0.63	4.33
Waghamera	100	50.6	33.47	0.01	14.65	0.35	0.92
Awi	100	65.55	19.78	0.02	10.33	0.21	4.11
Oromia	100	50.61	30.25	0.06	14.43	0.21	4.43
Argoba Special	100	48.18	32.91	0.18	17.03	-	1.69
Oromia	100	68.39	23.5	0.08	3.1	0.81	4.11
West Wellega	100	90.41	6.03	0.01	0.05	0.79	2.7
East Wellega	100	85.68	10.69	0.02	0.69	0.61	2.32
Illubabor	100	88.41	6.81	0.02	0.09	0.16	4.51
Jimma	100	85.07	9.37	0.02	0.58	0.25	4.71
West Shewa	100	73.11	20.4	0.06	2.85	0.39	3.2
North Shewa	100	49.78	26.81	0.2	19.79	0.6	2.82
East Shewa	100	55.51	37.03	0.1	3.3	2.22	1.84
Arsi	100	64.7	29.23	0.17	2.88	1.02	2
West Harerghe	100	40.2	43.97	0.16	3.8	0.37	11.51
East Harerghe	100	43.8	44.37	0.1	3.48	0.8	7.45
Bale	100	81.53	15.56	0.02	0.68	1.11	1.09
Borena	100	84.56	9.8	0.08	1.57	0.64	3.35
South West Shewa	100	60.29	29.8	0.17	4.67	1.15	3.9
Guji	100	74.63	17.41	-	0.39	0.77	6.79
West Arsi	100	70.83	25.03	0.03	1.78	1.62	0.72
Kelem Wellega	100	85.54	8.89	0.11	0.74	0.98	3.72
Horoguduru Wellega	100	82.88	14.3	*	0.37	0.57	1.88

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	84.56	14.39	0.01	0.21	0.29	0.54
Shinele	100	90.09	8.03	-	0.02	1.04	0.82
Jijiga	100	79.71	19.64	0.02	0.26	0.21	0.16
Liben	100	89.77	8.85	-	0.21	0.17	1
Benshangul-Gumuz	100	87.82	7.79	0.12	1.28	0.35	2.65
Metekel	100	86.71	9.34	0.11	1.33	0.08	2.44
Asosa	100	86.73	7.7	0.19	1.63	0.76	3
Kemeshi	100	98.31	1.24	-	-	-	0.45
Pawe Special	100	85.37	9.87	0.06	1.42	0.03	3.25
Mao Komo	100	85.13	7.92	0.05	1.02	0.53	5.34
SNNP	100	71.11	22.23	0.11	2.32	0.65	3.58
Gurage	100	63.17	24.1	0.05	7.75	0.74	4.18
Hadiya	100	61.01	25.3	0.11	3.75	0.82	9
Kembata Tembaro	100	53.47	31.87	0.56	2.97	1.41	9.72
Sidama	100	69.59	26.84	0.17	0.91	0.9	1.59
Gedio	100	74.6	20.51	-	0.24	0.55	4.09
Wolayita	100	72.74	22.9	0.17	1.98	0.62	1.59
South Omo	100	83.46	14.41	0.1	0.01	0.17	1.86
Shaka	100	91.39	4.95	-	-	1.65	2.02
Kaffa	100	94.57	4.08	0.01	0.31	0.6	0.44
Gamo Gofa	100	73.43	22.29	0.07	1.73	0.08	2.4
Bench Maji	100	87.96	7.3	0.04	0.09	1.9	2.7
Yem Sp. Wereda	100	70.92	21.33	0.07	4.26	-	3.43
Amaro Sp. Wereda	100	75.07	22.85	-	0.59	-	1.49
Burji Sp. Wereda	100	78.84	16.87	0.04	1.17	-	3.08
Konso Sp. Wereda	100	41.66	36.1	0.05	5.6	0.15	16.45
Derashe Sp. Wereda	100	69.83	24.42	0.23	0.49	-	5.03
Dawro	100	75.59	15.49	0.04	2.14	0.16	6.59
Basketo Sp. Wereda	100	70.63	24.47	0.13	0.37	0.03	4.38
Konta Sp. Wereda	100	81.91	15.8	-	0.1	-	2.19
Silte	100	61.05	31.4	0.06	3.94	0.21	3.34
Alaba Sp. Wereda	100	57.73	37	-	2.31	0.27	2.69
Gambela Region	100	95.1	1.99	-	*	0.33	2.57
Angnuwak	100	93.29	4.93	-	0.02	0.02	1.74
Nuware	100	97.4	-	-	-	-	2.6
Mezhenger	100	94.34	1.91	-	-	0.69	3.06
Itang Special	100	96.2	2.69	-	-	-	1.11
Harari	100	29.81	50.24	1.55	4.16	10.78	3.46
Hundene	100	29.81	50.24	1.55	4.16	10.78	3.46
Dire Dawa	100	70.22	23.72	0.08	0.19	2.85	2.93

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	12,247,319	10,310,951	102,358	3,931,789	729,445	3,260,749
Tigray	716,405	683,216	10,858	583,988	79,390	179,849
North West Tigray	137,541	134,222	1,799	120,589	26,609	24,356
Central Tigray	217,417	210,891	2,286	202,455	19,076	25,784
Eastern Tigray	122,300	114,274	*	90,437	11,520	51,255
Southern Tigray	178,900	172,084	*	131,407	*	71,270
Western Tigray	60,245	51,746	*	39,099	11,492	7,184
Afar	43,807	13,733	*	5,438	721	8,206
Zone 1	24,654	11,042	*	1,805	*	*
Zone 3	19,153	2,690	-	3,632	682	5,371
Amhara	3,566,974	3,330,608	41,345	2,195,093	136,609	855,258
North Gonder	476,157	406,644	4,113	303,467	12,904	59,775
South Gonder	400,235	383,230	2,995	302,151	21,400	50,423
North Wolo	390,548	379,059	11,169	269,771	3,190	55,883
South Wolo	637,039	607,660	*	515,726	*	41,926
North Shewa	388,906	379,493	2,482	262,154	31,029	161,626
East Gojam	484,740	458,897	*	141,045	*	203,706
West Gojam	451,832	419,661	*	204,523	44,380	203,160
Waghamera	84,877	79,827	*	55,092	2,018	*
Awi	167,307	139,810	*	88,626	3,461	62,325
Oromia	79,165	70,686	*	48,343	791	14,157
Argoba Special	6,169	5,640	*	4,197	-	258
Oromia	4,959,841	3,941,984	29,116	783,467	337,913	1,389,644
West Wellega	210,651	73,932	*	*	13,850	33,957
East Wellega	203,294	111,321	*	*	13,441	41,595
Illubabor	227,209	100,721	*	*	*	115,045
Jimma	519,157	351,379	*	*	*	218,033
West Shewa	361,471	313,847	*	67,634	15,091	111,662
North Shewa	312,896	290,744	4,931	258,666	19,352	91,690
East Shewa	245,915	224,960	*	43,424	35,739	29,601
Arsi	556,126	526,947	5,238	90,214	60,480	100,470
West Harerghe	325,752	354,238	3,500	66,285	12,126	184,109
East Harerghe	461,377	514,853	*	84,002	29,198	182,390
Bale	249,163	170,601	*	11,766	22,397	21,185
Borena	215,952	88,394	*	25,651	12,141	47,851
South West Shewa	201,174	184,242	2,172	57,114	19,353	53,909
Guji	270,254	179,386	-	*	*	66,746
West Arsi	363,820	316,162	*	37,006	44,571	29,164
Kelem Wellega	134,232	68,404	*	5,923	7,918	42,234
Horoguduru Wellega	101,397	71,855	*	3,369	7,253	20,002

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	136,655	79,260	*	2,771	*	7,074
Shinele	14,941	4,912	-	*	695	2,151
Jijiga	70,939	56,949	*	*	*	*
Liben	50,774	17,399	-	*	*	*
Benshangul-Gumuz	117,505	48,644	1,229	10,200	2,851	25,217
Metekel	49,623	24,572	*	4,387	*	12,534
Asosa	43,124	16,768	*	5,126	*	9,885
Kemeshi	12,833	1,137	-	-	-	*
Pawe Special	4,383	2,458	*	302	*	1,142
Mao Komo	7,543	3,708	*	*	247	1,476
SNNP	2,652,008	2,173,657	18,608	347,863	155,019	781,704
Gurage	282,363	256,196	869	117,133	17,624	115,431
Hadiya	216,373	198,756	*	41,636	11,598	131,053
Kembata Tembaro	113,514	109,218	5,076	24,002	15,242	81,270
Sidama	503,778	432,316	5,541	23,901	39,488	66,955
Gedio	106,529	76,877	-	990	*	20,892
Wolayita	272,796	251,134	1,561	31,667	12,562	66,346
South Omo	95,200	57,259	*	*	*	13,480
Shaka	31,752	11,506	-	-	7,288	5,688
Kaffa	187,114	73,505	*	*	17,637	14,241
Gamo Gofa	300,243	250,657	*	27,756	*	61,928
Bench Maji	121,163	65,982	*	*	20,946	32,538
Yem Sp. Wereda	15,574	13,817	*	3,797	-	5,470
Amaro Sp. Wereda	27,695	25,305	-	*	-	3,076
Burji Sp. Wereda	8,640	6,313	*	*	-	2,104
Konso Sp. Wereda	34,831	39,328	*	10,064	*	29,250
Derashe Sp. Wereda	21,884	19,344	*	*	-	7,028
Dawro	90,068	74,274	*	11,777	*	63,418
Basketo Sp. Wereda	13,692	12,817	*	*	*	4,468
Konta Sp. Wereda	18,656	15,281	-	*	-	4,571
Silte	149,313	144,222	*	43,464	2,908	44,177
Alaba Sp. Wereda	40,831	39,551	-	5,343	*	8,318
Gambela Region	19,553	3,641	-	*	1,930	3,108
Angnuwak	3,524	715	-	*	*	*
Nuware	5,344	-	-	-	-	*
Mezhenger	9,502	2,761	-	-	1,888	2,659
Itang Special	1,183	165	-	-	-	*
Harari	13,226	17,203	*	2,741	6,840	3,122
Hundene	13,226	17,203	*	2,741	6,840	3,122
Dire Dawa	21,345	19,006	*	*	5,528	7,567

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	4,446,440	213,912	3,968,450	3,384,708	236,933
Tigray	145,842	3,115	397,631	168,634	1,042
North West Tigray	7,000	915	99,013	30,264	350
Central Tigray	32,338	195	118,848	65,807	-
Eastern Tigray	77,650	1,560	25,912	17,026	152
Southern Tigray	24,511	-	115,173	38,677	539
Western Tigray	4,344	445	38,686	16,860	-
Afar	2,453	159	34,465	3,619	3,111
Zone 1	1,036	63	19,797	3,053	704
Zone 3	1,417	95	14,667	566	2,407
Ambara	885,778	35,051	1,523,875	1,075,689	46,259
North Gonder	50,536	655	238,390	176,537	10,040
South Gonder	41,263	623	227,779	128,907	1,664
North Wolo	225,953	7,285	69,923	82,537	4,850
South Wolo	289,614	9,912	134,352	202,216	945
North Shewa	145,413	10,102	84,317	125,547	23,526
East Gojam	45,736	1,871	361,890	75,244	-
West Gojam	36,108	1,387	222,947	188,442	2,625
Waghamera	10,256	145	61,566	12,808	101
Awi	3,703	792	101,301	60,008	1,504
Oromia	33,694	2,087	20,795	21,634	955
Argoba Special	3,501	194	616	1,808	50
Oromia	1,882,338	143,458	1,477,348	1,316,714	142,195
West Wellega	21,664	405	106,501	79,830	2,250
East Wellega	34,161	3,062	94,470	69,584	2,381
Illubabor	77,945	2,497	74,478	65,445	7,029
Jimma	240,001	389	173,082	79,308	27,119
West Shewa	174,380	36,195	19,404	105,605	25,887
North Shewa	159,623	36,087	25,979	69,287	21,920
East Shewa	116,906	8,814	69,335	42,050	9,103
Arsi	294,767	23,147	77,974	143,214	17,369
West Harerghe	132,157	1,882	131,514	58,732	1,467
East Harerghe	112,749	8,740	209,654	128,697	1,538
Bale	48,791	912	119,495	78,730	1,364
Borena	57,470	559	118,584	38,928	411
South West Shewa	95,260	8,133	16,058	75,843	6,067
Guji	121,495	5,064	81,397	57,844	4,689
West Arsi	169,106	6,790	27,561	148,539	11,555
Kelem Wellega	12,977	135	89,108	31,031	981
Horoguduru Wellega	12,886	646	42,753	44,047	1,064

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	13,017	205	107,231	16,112	90
Shinele	418	36	13,095	1,393	-
Jijiga	10,514	70	48,167	12,098	90
Liben	2,085	99	45,969	2,622	-
Benshangul-Gumuz	2,860	321	103,291	11,033	-
Metekel	935	-	43,012	5,676	-
Asosa	611	312	39,064	3,137	-
Kemeshi	517	-	12,317	-	-
Pawe Special	103	9	4,263	9	-
Mao Komo	695	-	4,636	2,212	-
SNNP	1,499,957	31,447	291,130	789,317	41,500
Gurage	88,174	1,061	35,895	156,921	761
Hadiya	139,868	1,777	2,513	69,233	2,982
Kembata Tembaro	55,681	346	1,233	55,324	1,039
Sidama	382,998	3,208	16,449	100,709	-
Gedio	81,013	1,255	1,883	21,272	1,105
Wolayita	156,760	8,207	15,409	82,685	9,975
South Omo	42,262	1,207	33,909	17,102	720
Shaka	18,878	181	4,882	6,069	1,742
Kaffa	129,906	3,941	15,531	26,936	11,341
Gamo Gofa	94,166	6,384	88,492	110,762	669
Bench Maji	62,202	104	11,782	43,307	3,768
Yem Sp. Wereda	8,659	491	1,087	5,312	26
Amaro Sp. Wereda	9,312	54	10,326	7,946	57
Burji Sp. Wereda	1,091	-	6,609	940	-
Konso Sp. Wereda	13,224	83	10,611	9,998	916
Derashe Sp. Wereda	4,960	97	13,412	3,297	117
Dawro	59,626	1,333	8,837	16,414	3,858
Basketo Sp. Wereda	4,937	136	5,891	2,478	250
Konta Sp. Wereda	12,850	-	2,377	3,053	377
Silte	96,242	1,381	2,689	47,388	1,797
Alaba Sp. Wereda	37,149	202	1,313	2,168	-
Gambela Region	5,844	69	10,644	327	2,669
Angnuwak	558	13	2,685	268	-
Nuware	-	-	5,344	-	-
Mezhenger	5,084	51	1,675	23	2,669
Itang Special	202	5	940	36	-
Harari	7,228	23	4,800	1,107	67
Hundene	7,228	23	4,800	1,107	67
Dire Dawa	1,123	64	18,034	2,156	-

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	9,025,668	198,643	145,339	813,748	126,891
Tigray	545,360	16,817	5,701	113,010	2,672
North West Tigray	119,845	1,936	501	11,628	311
Central Tigray	168,815	4,011	850	36,130	1,516
Eastern Tigray	82,966	3,523	2,746	24,397	642
Southern Tigray	134,944	5,311	737	30,890	203
Western Tigray	38,791	2,036	867	9,964	-
Afar	12,411	189	594	394	145
Zone 1	10,241	32	374	394	-
Zone 3	2,169	156	220	-	145
Amhara	2,856,958	65,652	19,486	347,075	42,250
North Gonder	356,679	7,842	3,824	35,220	3,079
South Gonder	326,229	8,266	960	41,651	6,125
North Wolo	296,985	10,354	2,055	66,670	2,995
South Wolo	521,394	8,814	2,905	73,625	1,413
North Shewa	294,731	5,616	1,122	62,952	15,072
East Gojam	421,667	12,864	1,995	21,420	951
West Gojam	380,575	3,737	5,832	20,151	9,689
Waghamera	69,470	1,384	247	8,726	-
Awi	125,025	5,563	191	6,967	2,064
Oromia	59,776	1,048	331	8,669	862
Argoba Special	4,428	164	25	1,023	-
Oromia	3,497,528	74,359	93,313	212,456	63,519
West Wellega	61,513	373	5,368	5,870	809
East Wellega	83,611	1,687	8,292	17,043	489
Illubabor	93,207	374	3,163	2,278	1,699
Jimma	316,338	3,205	15,251	2,800	13,433
West Shewa	286,915	10,937	2,372	5,274	8,348
North Shewa	213,184	11,780	10,820	43,581	11,379
East Shewa	207,591	3,227	2,554	8,158	3,137
Arsi	458,798	16,965	7,252	36,785	7,147
West Harerghe	343,097	603	3,493	5,881	1,164
East Harerghe	470,663	6,965	2,777	29,590	4,863
Bale	152,364	2,462	5,252	8,992	1,530
Borena	78,807	2,814	3,109	2,620	1,043
South West Shewa	172,382	2,066	2,689	3,076	4,028
Guji	166,314	985	5,257	6,395	200
West Arsi	272,373	7,157	10,618	22,847	3,436
Kelem Wellega	58,552	1,639	1,300	6,652	261
Horoguduru Wellega	61,819	1,121	3,747	4,613	555

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	61,016	11,623	1,285	4,789	547
Shinele	4,349	84	25	221	233
Jijiga	49,085	3,173	961	3,417	314
Liben	7,583	8,366	299	1,151	-
Benshangul-Gumuz	44,003	260	2,340	1,973	69
Metekel	23,030	114	288	1,141	-
Asosa	14,088	67	1,942	603	69
Kemeshi	1,095	-	42	-	-
Pawe Special	2,343	79	37	-	-
Mao Komo	3,448	-	32	229	-
SNNP	1,970,697	29,562	21,793	133,237	17,357
Gurage	245,696	647	1,853	6,377	1,398
Hadiya	184,671	944	599	10,846	1,696
Kembata Tembaro	100,242	226	115	7,939	585
Sidama	370,134	10,512	760	50,415	908
Gedio	67,808	1,787	1,393	5,538	352
Wolayita	212,808	8,900	462	23,499	5,224
South Omo	55,185	304	543	1,124	104
Shaka	10,097	107	-	1,206	96
Kaffa	69,294	355	953	470	1,891
Gamo Gofa	227,094	2,977	8,936	10,395	1,026
Bench Maji	63,835	253	713	847	333
Yem Sp. Wereda	12,160	362	406	810	79
Amaro Sp. Wereda	24,003	57	373	873	-
Burji Sp. Wereda	6,124	48	127	14	-
Konso Sp. Wereda	35,201	449	475	2,968	235
Derashe Sp. Wereda	16,774	45	1,199	1,326	-
Dawro	64,503	1,478	1,240	5,213	1,947
Basketo Sp. Wereda	12,119	17	72	570	39
Konta Sp. Wereda	13,790	30	856	309	296
Silte	140,015	-	657	2,348	1,017
Alaba Sp. Wereda	39,143	65	62	150	131
Gambela Region	2,952	16	547	125	-
Angnuwak	610	16	-	89	-
Nuware	-	-	-	-	-
Mezhenger	2,274	-	487	-	-
Itang Special	69	-	60	36	-
Harari	16,381	92	23	627	80
Hundene	16,381	92	23	627	80
Dire Dawa	18,361	74	256	63	252

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	63,495	25,794	3,054	7,949	920
Tigray	7,601	2,791	389	76	-
North West Tigray	913	496	389	-	-
Central Tigray	1,842	444	-	-	-
Eastern Tigray	274	161	-	-	-
Southern Tigray	3,687	543	-	-	-
Western Tigray	884	1,147	-	76	-
Afar	34	-	-	-	-
Zone 1	34	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	27,345	7,461	1,458	4,504	86
North Gonder	2,140	435	870	668	-
South Gonder	2,656	339	-	-	-
North Wolo	9,639	797	-	733	-
South Wolo	5,394	3,795	467	2,782	-
North Shewa	1,510	651	-	321	-
East Gojam	4,186	980	-	-	-
West Gojam	1,007	454	-	-	-
Waghamera	-	-	121	-	-
Awi	517	-	-	-	-
Oromia	285	-	-	-	86
Argoba Special	12	11	-	-	-
Oromia	13,547	12,294	764	1,131	724
West Wellega	356	-	-	-	-
East Wellega	166	165	-	-	-
Illubabor	178	-	-	-	-
Jimma	721	-	-	-	376
West Shewa	592	348	-	-	348
North Shewa	2,189	2,487	-	255	-
East Shewa	387	755	222	222	-
Arsi	2,416	2,439	-	384	-
West Harerghe	1,132	2,368	-	-	-
East Harerghe	1,498	1,795	-	-	-
Bale	-	228	-	-	-
Borena	1,022	462	-	270	-
South West Shewa	1,799	373	-	-	-
Guji	-	-	-	-	-
West Arsi	295	317	446	-	-
Kelem Wellega	796	558	-	-	-
Horoguduru Wellega	-	-	97	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	-	84	84	-	-
Shinele	-	-	-	-	-
Jijiga	-	84	84	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	1,140	-	-	89	-
Metekel	291	-	-	89	-
Asosa	786	-	-	-	-
Kemeshi	-	-	-	-	-
Pawe Special	25	-	-	-	-
Mao Komo	38	-	-	-	-
SNNP	13,345	3,037	358	1,815	51
Gurage	869	-	-	-	-
Hadiya	1,091	224	-	222	-
Kembata Tembaro	4,815	151	-	110	-
Sidama	3,518	1,135	-	887	-
Gedio	-	-	-	-	-
Wolayita	675	648	-	238	-
South Omo	-	839	-	98	-
Shaka	-	-	-	-	-
Kaffa	177	-	-	-	-
Gamo Gofa	377	-	265	243	-
Bench Maji	312	-	-	-	-
Yem Sp. Wereda	25	-	-	-	51
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	17	-	-	-	-
Konso Sp. Wereda	80	-	-	-	-
Derashe Sp. Wereda	269	40	-	-	-
Dawro	175	-	93	-	-
Basketo Sp. Wereda	123	-	-	17	-
Konta Sp. Wereda	-	-	-	-	-
Silte	820	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-
Gambela Region	-	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	482	28	-	334	28
Hundene	482	28	-	334	28
Dire Dawa	-	99	-	-	31

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	2,583,005	526,976	112,170	654,119	55,278
Tigray	416,633	38,370	13,528	114,022	1,436
North West Tigray	91,701	8,643	1,887	17,908	451
Central Tigray	132,017	14,023	1,253	54,531	630
Eastern Tigray	62,345	9,049	6,087	12,803	152
Southern Tigray	108,021	2,930	731	19,522	203
Western Tigray	22,549	3,724	3,569	9,258	-
Afar	1,732	305	318	142	2,940
Zone 1	1,198	147	318	142	-
Zone 3	535	158	-	-	2,940
Amhara	1,420,891	270,211	77,499	396,874	29,618
North Gonder	212,400	42,729	10,335	35,542	2,461
South Gonder	180,253	56,125	2,921	58,095	4,757
North Wolo	181,658	13,977	6,716	66,197	1,223
South Wolo	334,596	50,746	4,473	121,271	4,640
North Shewa	159,756	25,852	3,157	60,486	12,903
East Gojam	81,786	14,688	33,336	11,236	-
West Gojam	129,187	46,344	10,687	15,918	2,387
Waghamera	44,645	1,857	2,326	6,148	115
Awi	59,255	11,400	3,424	13,613	934
Oromia	34,832	5,975	112	7,227	197
Argoba Special	2,522	519	12	1,143	-
Oromia	500,638	168,098	14,579	79,979	19,930
West Wellega	756	-	-	-	-
East Wellega	6,624	1,906	568	386	-
Illubabor	525	-	-	-	-
Jimma	12,315	-	-	-	-
West Shewa	41,568	19,997	906	3,952	1,499
North Shewa	133,031	54,310	5,563	53,111	12,650
East Shewa	22,074	15,527	1,350	3,819	654
Arsi	69,724	15,096	698	3,952	399
West Harerghe	40,295	23,236	573	2,180	-
East Harerghe	63,058	13,441	755	6,364	384
Bale	9,104	1,346	753	377	187
Borena	12,737	9,186	993	242	2,494
South West Shewa	43,342	9,449	543	2,117	1,664
Guji	8,882	-	-	268	-
West Arsi	28,276	4,412	1,712	2,606	-
Kelem Wellega	5,439	-	167	316	-
Horoguduru Wellega	2,888	191	-	290	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	1,388	772	22	589	-
Shinele	29	-	-	-	-
Jijiga	432	772	-	589	-
Liben	927	-	22	-	-
Benshangul-Gumuz	6,961	448	723	2,068	-
Metekel	3,106	360	131	790	-
Asosa	3,471	-	390	1,265	-
Kemeshi	-	-	-	-	-
Pawe Special	212	53	25	12	-
Mao Komo	172	36	178	-	-
SNNP	232,445	48,149	5,471	60,445	1,354
Gurage	87,338	8,291	-	21,504	-
Hadiya	32,367	6,683	846	1,055	685
Kembata Tembaro	17,839	5,259	108	689	107
Sidama	11,659	3,832	-	8,410	-
Gedio	588	140	-	261	-
Wolayita	22,121	3,717	-	5,609	220
South Omo	-	-	-	103	-
Shaka	-	-	-	-	-
Kaffa	1,125	321	482	1,768	-
Gamo Gofa	9,836	6,114	1,803	10,003	-
Bench Maji	109	-	-	-	-
Yem Sp. Wereda	2,548	396	99	754	-
Amaro Sp. Wereda	1,065	-	-	-	-
Burji Sp. Wereda	65	34	195	-	-
Konso Sp. Wereda	6,215	1,768	246	1,835	-
Derashe Sp. Wereda	390	-	-	-	78
Dawro	6,648	2,238	1,692	1,020	179
Basketo Sp. Wereda	373	-	-	-	19
Konta Sp. Wereda	206	-	-	-	-
Silte	29,054	7,901	-	6,509	-
Alaba Sp. Wereda	2,901	1,453	-	924	65
Gambela Region	12	-	-	-	-
Angnuwak	12	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	2,240	501	-	-	-
Hundene	2,240	501	-	-	-
Dire Dawa	66	121	30	-	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	346,340	319,094	5,256	38,272	20,231
Tigray	55,500	15,599	195	7,487	391
North West Tigray	21,490	3,922	195	863	139
Central Tigray	15,965	2,611	-	500	-
Eastern Tigray	6,784	4,584	-	-	152
Southern Tigray	5,396	2,006	-	3,071	-
Western Tigray	5,865	2,476	-	3,053	99
Afar	195	526	-	-	-
Zone 1	39	-	-	-	-
Zone 3	156	526	-	-	-
Amhara	96,189	31,507	2,887	2,899	3,126
North Gonder	5,271	6,881	375	-	377
South Gonder	21,400	-	-	-	-
North Wolo	1,811	701	-	677	-
South Wolo	2,507	2,511	-	985	522
North Shewa	10,552	18,630	-	625	1,222
East Gojam	7,358	1,042	2,512	-	-
West Gojam	42,149	1,226	-	-	1,005
Waghamera	1,897	-	-	121	-
Awi	2,773	196	-	492	-
Oromia	471	320	-	-	-
Argoba Special	-	-	-	-	-
Oromia	113,084	190,949	1,754	19,039	13,088
West Wellega	13,280	181	-	197	193
East Wellega	10,372	1,147	180	347	1,395
Illubabor	2,737	184	-	-	254
Jimma	15,783	751	-	-	353
West Shewa	7,213	6,421	301	286	872
North Shewa	2,334	16,466	-	283	269
East Shewa	1,777	31,726	-	2,070	166
Arsi	14,939	42,244	349	2,949	-
West Harerghe	5,636	5,641	-	-	848
East Harerghe	1,942	26,938	-	319	-
Bale	6,456	15,065	-	876	-
Borena	1,021	5,645	-	524	4,951
South West Shewa	8,305	9,302	-	-	1,746
Guji	4,141	259	-	540	-
West Arsi	6,014	28,882	924	8,451	301
Kelem Wellega	5,318	-	-	860	1,740
Horoguduru Wellega	5,817	99	-	1,336	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	194	766	-	1,682	-
Shinele	-	695	-	-	-
Jijiga	124	-	-	1,682	-
Liben	71	71	-	-	-
Benshangul-Gumuz	2,408	186	-	257	-
Metekel	79	-	-	89	-
Asosa	2,219	112	-	86	-
Kemeshi	-	-	-	-	-
Pawe Special	-	21	-	-	-
Mao Komo	111	53	-	83	-
SNNP	76,735	68,714	384	6,887	2,298
Gurage	13,368	3,951	-	306	-
Hadiya	3,044	8,087	208	259	-
Kembata Tembaro	3,603	11,523	-	115	-
Sidama	10,483	25,019	-	3,987	-
Gedio	3,644	1,664	-	-	-
Wolayita	2,203	9,919	-	441	-
South Omo	1,057	117	-	117	-
Shaka	6,500	-	-	498	290
Kaffa	12,426	4,904	-	-	307
Gamo Gofa	671	-	-	-	-
Bench Maji	17,641	636	-	967	1,701
Yem Sp. Wereda	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	316	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	540	172	176	179	-
Basketo Sp. Wereda	-	19	-	19	-
Konta Sp. Wereda	-	-	-	-	-
Silte	979	1,930	-	-	-
Alaba Sp. Wereda	260	774	-	-	-
Gambela Region	1,677	118	-	20	114
Angnuwak	-	-	-	-	42
Nuware	-	-	-	-	-
Mezhenger	1,677	118	-	20	72
Itang Special	-	-	-	-	-
Harari	241	6,570	-	-	29
Hundene	241	6,570	-	-	29
Dire Dawa	115	4,160	36	-	1,185

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	58,149	49,124	44,889	31,706	5,769
Tigray	43,476	19,712	14,914	16,831	4,583
North West Tigray	4,752	1,114	2,907	1,911	141
Central Tigray	9,954	12,119	4,405	10,885	2,343
Eastern Tigray	5,950	4,007	2,035	3,075	946
Southern Tigray	22,025	2,131	5,465	711	1,153
Western Tigray	795	340	102	248	-
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Ambara	4,216	20,442	11,000	10,945	506
North Gonder	-	686	-	375	-
South Gonder	331	3,039	314	645	-
North Wolo	548	1,414	1,637	715	-
South Wolo	-	2,746	2,307	2,020	-
North Shewa	-	-	3,033	564	-
East Gojam	1,356	4,585	1,055	2,102	327
West Gojam	358	3,976	339	2,529	-
Waghamera	-	106	-	1,587	-
Awi	1,423	1,960	2,066	180	179
Oromia	191	1,928	247	216	-
Argoba Special	11	-	-	12	-
Oromia	6,595	6,086	10,019	2,610	562
West Wellega	-	-	559	-	-
East Wellega	-	-	-	182	-
Illubabor	-	-	356	176	-
Jimma	-	376	3,039	401	-
West Shewa	-	605	2,013	313	-
North Shewa	2,357	595	255	-	-
East Shewa	396	215	1,278	-	-
Arsi	710	1,571	-	1,125	386
West Harerghe	245	-	1,253	245	-
East Harerghe	-	1,794	-	-	-
Bale	-	-	-	-	-
Borena	-	-	-	-	-
South West Shewa	713	-	532	167	176
Guji	-	931	-	-	-
West Arsi	1,443	-	-	-	-
Kelem Wellega	731	-	636	-	-
Horoguduru Wellega	-	-	99	-	-

TABLE 3 – 30 CONT'D

Geographic Area	Number of Holders Practiced				
	Dairy Development Package	Beef/Meat/Mutton Development Package	Poultry Development Package	Honey and Wax Development Package	Any Two or More Packages
Somale	-	-	-	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	-	-	116	87	-
Metekel	-	-	70	-	-
Asosa	-	-	-	69	-
Kemeshi	-	-	-	-	-
Pawe Special	-	-	46	18	-
Mao Komo	-	-	-	-	-
SNNP	3,811	2,732	8,720	1,234	119
Gurage	772	-	742	443	-
Hadiya	185	205	-	-	-
Kembata Tembaro	658	111	315	-	119
Sidama	388	-	-	-	-
Gedio	179	-	466	-	-
Wolayita	698	923	456	-	-
South Omo	-	-	1,949	-	-
Shaka	-	-	219	261	-
Kaffa	-	-	796	471	-
Gamo Gofa	477	223	-	-	-
Bench Maji	-	-	2,103	-	-
Yem Sp. Wereda	-	80	286	25	-
Amaro Sp. Wereda	-	-	163	-	-
Burji Sp. Wereda	-	-	17	34	-
Konso Sp. Wereda	-	152	70	-	-
Derashe Sp. Wereda	-	39	-	-	-
Dawro	-	900	93	-	-
Basketo Sp. Wereda	-	-	76	-	-
Konta Sp. Wereda	-	33	-	-	-
Silte	322	-	835	-	-
Alaba Sp. Wereda	133	66	133	-	-
Gambela Region	-	-	10	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	10	-	-
Harari	50	-	72	-	-
Hundene	50	-	72	-	-
Dire Dawa	-	152	38	-	-

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

[Annex Tables 1 –10]

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

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	49,297,898	645,246	1.31	25,017,218	646,788	2.59	21,884,222	681,478	3.11
Tigray	3,103,468	112,083	3.61	1,376,961	112,142	8.14	3,107,994	235,353	7.57
Afar	473,270	64,991	13.73	403,255	55,212	13.69	801,497	111,553	13.92
Amhara	12,748,995	337,600	2.65	8,987,694	445,315	4.95	6,022,105	359,896	5.98
Oromia.....	22,453,335	449,443	2	9,098,255	356,132	3.91	7,439,725	420,732	5.66
Somali	620,583	52,552	8.47	1,162,743	213,486	18.36	1,374,540	166,958	12.15
Benshangul-Gumuz.....	411,998	32,941	8	84,418	9,543	11.3	321,603	29,005	9.02
SNNP.....	9,263,223	280,851	3.03	3,838,757	178,546	4.65	2,626,611	247,404	9.42
Gambella.....	130,015	28,791	22.14	17,825	2,321	13.02	31,821	4,793	15.06
Harari.....	44,199	3,476	7.86	4,133	722	17.48	36,322	2,423	6.67
Dire Dawa	48,812	4,266	8.74	43,176	4,699	10.88	122,005	9,113	7.47

Annex Table 1-Cont'd

Geographic Area	HORSES			DONKEYS			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	1,787,211	90,977	5.09	5,421,895	96,919	1.79	373,519	19,094	5.11	759,696	80,552	10.6
Tigray.....	5,427	2,680	49.37	463,492	17,653	3.81	7,694	2,014	26.18	32,552	7,270	22.33
Afar	43	42	97.48	26,451	4,635	17.52	31	29	94.32	171,514	38,548	22.48
Amhara	296,372	33,961	11.46	2,017,935	55,141	2.73	124,415	11,592	9.32	50,506	11,854	23.47
Oromia.....	1,157,906	79,353	6.85	2,395,374	73,392	3.06	185,360	14,068	7.59	255,328	57,991	22.71
Somali	-	-	-	96,670	9,664	10	30	30	98.32	241,943	37,982	15.7
Benshangul-Gumuz.....	1,298	777	59.85	48,789	3,567	7.31	687	233	33.93	-	-	-
SNNP.....	325,972	28,613	8.78	351,126	22,907	6.52	55,254	5,312	9.61	98	97	98.61
Gambella.....	192	103	53.33	194	127	65.34	47	42	89.72	-	-	-
Harari.....	-	-	-	8,736	950	10.87	-	-	-	2,258	1,543	68.34
Dire Dawa.....	-	-	-	13,129	1,262	9.61	-	-	-	5,497	1,115	20.28

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	2,097,974	47,297	2.25	1,936,052	40,534	2.09	3,565,946	64,263	1.8	13,538,543	168,820	1.25	808,069	40,212	4.98
Tigray.....	138,030	8,467	6.13	118,322	8,400	7.1	210,308	11,438	5.44	907,580	26,621	2.93	92,185	10,001	10.85
Afar	28,253	4,072	14.41	17,177	2,524	14.69	17,802	2,347	13.18	31,729	3,887	12.25	1,132	538	47.57
Amhara	466,750	24,862	5.33	400,581	20,589	5.14	918,785	34,633	3.77	4,405,574	98,619	2.24	338,083	23,389	6.92
Oromia	963,008	33,603	3.49	948,712	30,242	3.19	1,727,554	45,994	2.66	6,090,431	119,858	1.97	324,506	29,650	9.14
Somali	39,012	4,826	12.37	35,428	4,115	11.61	33,710	4,500	13.35	91,059	10,863	11.93	724	321	44.35
Benshangul-Gumuz.....	17,245	2,073	12.02	18,025	1,659	9.2	32,185	3,627	11.27	104,331	8,731	8.37	9,346	3,932	42.07
SNNP.....	432,700	19,285	4.46	386,094	14,365	3.72	605,605	25,331	4.18	1,882,503	58,989	3.13	41,227	8,649	20.98
Gambella.....	7,487	1,282	17.13	6,823	1,166	17.09	8,931	1,744	19.53	13,495	3,083	22.85	867	352	40.66
Harari.....	2,650	393	14.82	2,457	332	13.53	4,596	375	8.15	6,184	815	13.18	-	-	-
Dire Dawa.....	2,840	344	12.09	2,432	329	13.51	6,470	575	8.88	5,658	794	14.04	-	-	-

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	2,229,812	52,365	2.35	2,175,552	45,842	2.11	4,546,485	106,911	2.35	17,700,509	259,705	1.47	698,955	35,025	5.01
Tigray.....	169,341	10,772	6.36	137,677	9,878	7.17	265,877	15,325	5.76	1,002,646	42,733	4.26	61,502	7,531	12.24
Afar	44,128	7,277	16.49	38,537	7,193	18.66	60,131	11,541	19.19	223,825	29,035	12.97	10,556	5,066	47.99
Amhara	510,387	33,211	6.51	434,217	22,446	5.17	1,006,688	44,480	4.42	4,067,588	123,462	3.04	200,342	15,125	7.55
Oromia	952,814	30,693	3.22	1,002,754	31,020	3.09	2,127,217	79,465	3.74	8,012,538	187,303	2.34	303,802	23,934	7.88
Somali	45,170	6,361	14.08	37,960	4,177	11	57,568	8,997	15.63	275,522	23,290	8.45	4,432	1,360	30.67
Benshangul-Gumuz.....	20,240	2,381	11.76	23,717	2,054	8.66	39,037	3,948	10.11	140,893	10,131	7.19	6,979	2,910	41.7
SNNP.....	472,772	21,855	4.62	485,629	21,353	4.4	962,894	51,502	5.35	3,886,776	116,714	3	107,024	18,193	17
Gambella.....	9,301	1,987	21.37	9,700	2,888	29.77	15,520	4,344	27.99	54,553	13,409	24.58	3,340	1,189	35.6
Harari.....	2,389	271	11.36	2,453	313	12.74	5,240	606	11.57	17,778	1,606	9.04	452	121	26.82
Dire Dawa.....	3,272	514	15.7	2,908	355	12.19	6,313	697	11.05	18,392	1,675	9.11	526	220	41.88

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	2,998,318	80,936	2.7	1,068,466	43,173	4.04	922,561	51,462	5.58	1,670,468	99,483	5.96
Tigray.....	142,138	13,126	9.23	70,776	8,041	11.36	44,361	5,489	12.37	86,999	9,973	11.46
Afar	32,983	4,392	13.32	17,881	2,429	13.59	16,754	2,437	14.54	27,282	4,178	15.31
Amhara	991,887	52,847	5.33	345,176	29,407	8.52	336,431	35,899	10.67	658,013	66,551	10.11
Oromia.....	1,256,236	52,030	4.14	383,671	23,620	6.16	285,522	21,279	7.45	445,490	38,829	8.72
Somali	94,022	19,365	20.6	72,023	15,931	22.12	84,835	25,756	30.36	207,398	58,333	28.13
Benshangul-Gumuz	12,177	1,873	15.38	4,451	783	17.59	2,390	516	21.6	4,560	890	19.51
SNNP	461,652	21,913	4.75	170,641	10,769	6.31	148,172	14,382	9.71	237,284	20,960	8.83
Gambella.....	2,888	512	17.74	1,045	235	22.44	916	220	24.04	1,051	286	27.24
Harari	467	140	29.94	186	68	36.4	423	135	31.83	519	160	30.78
Dire Dawa.....	3,870	421	10.88	2,617	421	16.09	2,758	371	13.44	1,874	493	26.29

Annex Table 3-Cont'd

Female Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	3,154,641	89,235	2.83	1,428,336	49,421	3.46	1,740,246	64,185	3.69	12,034,180	318,273	2.64
Tigray.....	139,293	12,241	8.79	109,458	12,758	11.66	119,552	13,946	11.67	664,384	55,215	8.31
Afar	48,296	7,806	16.16	38,420	6,875	17.89	45,851	8,220	17.93	175,788	25,065	14.26
Amhara	1,022,093	55,479	5.43	420,158	29,871	7.11	523,763	39,267	7.5	4,690,173	242,210	5.16
Oromia.....	1,354,430	61,428	4.54	531,567	29,695	5.59	601,729	35,512	5.9	4,239,611	166,773	3.93
Somali	100,277	18,849	18.8	83,209	14,819	17.81	104,040	20,495	19.7	416,940	65,997	15.83
Benshangul-Gumuz	13,946	2,269	16.27	4,836	598	12.37	5,389	728	13.5	36,670	4,313	11.76
SNNP	469,720	23,231	4.95	236,288	15,426	6.53	333,215	25,170	7.55	1,781,786	82,201	4.61
Gambella.....	2,744	484	17.63	1,410	490	34.75	1,088	259	23.81	6,683	941	14.08
Harari	282	113	40	207	76	36.93	380	147	38.69	1,669	274	16.42
Dire Dawa.....	3,560	540	15.17	2,783	387	13.9	5,239	712	13.6	20,476	3,075	15.02

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	2,554,431	75,832	2.97	1,136,087	45,142	3.97	1,053,294	52,254	4.96	1,857,015	86,020	4.63
Tigray.....	304,488	18,099	5.94	169,892	20,710	12.19	159,443	23,049	14.46	265,870	31,839	11.98
Afar	59,081	7,720	13.07	34,006	4,986	14.66	29,869	4,883	16.35	49,495	7,099	14.34
Amhara	753,174	48,861	6.49	297,447	25,628	8.62	295,899	25,566	8.64	597,384	46,372	7.76
Oromia.....	992,954	49,390	4.97	388,274	23,333	6.01	323,128	26,922	8.33	477,448	39,056	8.18
Somali	104,850	12,404	11.83	82,065	12,603	15.36	79,620	16,433	20.64	176,637	37,708	21.35
Benshangul-Gumuz	38,524	3,159	8.2	17,320	2,139	12.35	13,983	2,339	16.72	19,115	2,929	15.32
SNNP	282,286	19,262	6.82	137,218	14,790	10.78	141,862	22,821	16.09	258,559	35,026	13.55
Gambella.....	3,875	711	18.34	2,113	361	17.08	1,723	296	17.19	1,935	432	22.31
Harari	3,775	382	10.11	2,535	326	12.85	2,068	272	13.17	2,649	425	16.04
Dire Dawa.....	11,424	995	8.71	5,217	674	12.92	5,700	747	13.1	7,924	1,388	17.52

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	2,724,848	83,607	3.07	1,563,229	68,371	4.37	1,895,820	92,845	4.9	9,099,499	273,345	3
Tigray.....	347,698	24,892	7.16	268,718	29,214	10.87	307,468	28,936	9.41	1,284,417	81,159	6.32
Afar	94,231	14,020	14.88	71,330	11,296	15.84	98,762	20,929	21.19	364,723	53,328	14.62
Amhara	794,675	53,478	6.73	367,408	34,641	9.43	436,289	38,692	8.87	2,479,829	138,105	5.57
Oromia.....	981,073	49,983	5.09	525,246	42,700	8.13	610,901	62,711	10.27	3,140,700	174,943	5.57
Somali	127,530	16,459	12.91	115,387	16,207	14.05	129,962	20,854	16.05	558,489	60,906	10.91
Benshangul-Gumuz	46,814	4,323	9.23	29,946	3,529	11.78	26,836	4,218	15.72	129,065	11,235	8.7
SNNP	312,055	22,884	7.33	171,486	19,837	11.57	263,536	38,205	14.5	1,059,609	108,343	10.22
Gambella.....	4,542	901	19.85	2,679	508	18.97	3,155	657	20.83	11,800	1,771	15.01
Harari	3,767	374	9.94	2,178	320	14.71	4,054	404	9.95	15,295	1,037	6.78
Dire Dawa.....	12,462	1,194	9.58	8,852	1,127	12.73	14,855	1,502	10.11	55,571	5,551	9.99

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	165,450	11,724	7.09	715,885	36,904	5.15	163,585	12,178	7.44	742,292	43,986	5.93
Tigray.....	479	350	73.04	2,312	946	40.94	911	650	71.32	1,726	1,011	58.59
Afar	-	-	-	43	42	97.48	-	-	-	-	-	-
Amhara	20,566	3,454	16.8	108,957	13,655	12.53	25,729	4,505	17.51	141,120	19,268	13.65
Oromia.....	121,749	10,739	8.82	457,756	30,310	6.62	109,523	10,754	9.82	468,878	37,147	7.92
Somali	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz.....	71	71	99.77	402	234	58.17	208	151	72.52	617	387	62.82
SNNP.....	22,585	3,175	14.06	146,222	15,992	10.94	27,214	3,451	12.68	129,952	13,507	10.39
Gambella.....	-	-	-	192	103	53.33	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	-	-	-	-	-	-	-	-	-	-	-	-

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

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	588,004	18,672	3.18	1,964,280	53,223	2.71	568,306	18,839	3.31	2,301,305	54,933	2.39
Tigray.....	52,052	3,882	7.46	200,776	13,935	6.94	46,958	3,874	8.25	163,706	9,275	5.67
Afar	2,769	661	23.89	7,338	1,382	18.84	3,438	655	19.06	12,906	2,732	21.17
Amhara	242,339	12,873	5.31	629,497	33,113	5.26	252,492	13,546	5.36	893,607	31,822	3.56
Oromia.....	256,387	12,655	4.94	896,086	37,787	4.22	228,310	11,960	5.24	1,014,591	40,723	4.01
Somali	8,869	1,155	13.02	49,582	5,089	10.26	5,539	1,210	21.84	32,678	4,334	13.26
Benshangul-Gumuz.....	4,128	584	14.14	26,004	2,537	9.76	4,364	660	15.13	14,293	1,579	11.04
SNNP.....	19,250	2,346	12.19	146,272	8,898	6.08	24,484	3,305	13.5	161,120	15,198	9.43
Gambella.....	-	-	-	194	127	65.34	-	-	-	-	-	-
Harari	753	151	20.04	4,494	727	16.17	650	153	23.58	2,838	550	19.39
Dire Dawa.....	1,456	223	15.32	4,036	493	12.21	2,072	291	14.05	5,566	742	13.34

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	17,711	2,501	14.12	168,528	10,678	6.34	21,306	3,149	14.78	165,974	11,430	6.89
Tigray.....	83	82	98.91	3,483	1,029	29.55	239	176	73.59	3,888	1,262	32.46
Afar	-	-	-	31	29	94.32	-	-	-	-	-	-
Amhara	8,749	1,853	21.18	50,280	6,439	12.81	8,209	2,057	25.05	57,177	6,423	11.23
Oromia.....	5,419	1,410	26.02	85,779	7,931	9.25	10,959	2,260	20.62	83,204	9,043	10.87
Somali	-	-	-	-	-	-	-	-	-	30	30	98.32
Benshangul-Gumuz	-	-	-	360	159	44.22	-	-	-	327	140	42.76
SNNP.....	3,460	909	26.28	28,548	2,930	10.26	1,898	741	39.05	21,348	2,451	11.48
Gambella.....	-	-	-	47	42	89.72	-	-	-	-	-	-
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	78,757	9,437	11.98	199,694	19,423	9.73	117,118	14,767	12.61	364,127	46,782	12.85
Tigray.....	4,497	2,601	57.84	25,089	4,641	18.5	1,132	985	87.08	1,834	919	50.09
Afar	13,764	3,178	23.09	25,475	4,268	16.75	27,269	6,374	23.38	105,006	26,424	25.16
Amhara	2,994	1,086	36.27	47,005	11,589	24.66	-	-	-	507	506	99.84
Oromia.....	30,936	7,300	23.6	43,085	11,460	26.6	48,868	11,356	23.24	132,439	31,761	23.98
Somali	25,323	4,201	16.59	57,099	8,457	14.81	38,359	6,877	17.93	121,162	21,898	18.07
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
SNNP.....	98	97	98.61	-	-	-	-	-	-	-	-	-
Gambella.....	-	-	-	-	-	-	-	-	-	-	-	-
Harari	258	167	64.76	121	89	73.45	660	413	62.58	1,220	910	74.61
Dire Dawa.....	887	209	23.58	1,820	559	30.74	831	194	23.4	1,960	389	19.86

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	38,127,504	578,388	1.52	4,007,999	70,498	1.76	1,780,639	60,496	3.4	3,270,794	85,067	2.6	1,519,735	64,663	4.25	15,015,339	338,245	2.25	12,532,998	161,333	1.29
Tigray	3,829,788	148,567	3.88	383,861	21,648	5.64	257,664	19,938	7.74	431,855	25,713	5.95	218,595	18,110	8.28	1,369,350	84,285	6.16	1,168,463	39,445	3.38
Afar	26,519	6,801	25.65	2,205	510	23.14	1,711	466	27.23	2,269	481	21.19	1,198	476	39.71	11,142	3,721	33.39	7,993	2,088	26.13
Amhara	12,755,956	411,930	3.23	1,324,473	44,222	3.34	557,002	44,291	7.95	1,113,784	65,310	5.86	482,397	43,753	9.07	5,131,039	251,791	4.91	4,147,262	106,387	2.57
Oromia.....	13,673,006	309,860	2.27	1,561,158	43,498	2.79	591,419	29,551	5	1,077,025	39,606	3.68	578,010	39,851	6.89	5,070,783	170,495	3.36	4,794,611	100,286	2.09
Somali	77,367	21,504	27.79	10,486	2,808	26.77	6,925	2,481	35.82	8,459	3,005	35.53	2,004	955	47.68	21,862	7,437	34.02	27,632	6,598	23.88
Benshangul-Gumuz.....	774,112	37,264	4.81	67,322	4,575	6.8	48,806	4,672	9.57	78,772	6,560	8.33	16,209	3,811	23.51	404,296	23,654	5.85	158,705	8,487	5.35
SNNP.....	6,707,186	211,094	3.15	627,968	24,925	3.97	291,852	19,810	6.79	525,270	26,078	4.96	206,378	18,196	8.82	2,910,254	118,881	4.08	2,145,465	54,427	2.54
Gambella	202,105	16,654	8.24	21,687	1,690	7.79	20,580	2,505	12.17	26,325	2,852	10.83	9,839	1,740	17.69	78,792	8,539	10.84	44,883	2,744	6.11
Harari.....	33,362	3,031	9.09	4,504	521	11.57	2,185	434	19.85	2,644	489	18.51	2,339	682	29.16	9,194	1,302	14.16	12,497	1,219	9.75
Dire Dawa	48,102	4,139	8.61	4,335	508	11.72	2,494	512	20.52	4,391	718	16.34	2,767	824	29.77	8,627	1,406	16.29	25,487	2,407	9.44

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	5,149,244	303,507	5.89	5,013,849	302,984	6.04	34,552	6,418	18.57	100,843	13,313	13.2
Tigray.....	255,607	22,378	8.75	209,719	20,120	9.59	4,174	1,247	29.88	41,714	7,113	17.05
Afar	427	320	74.93	361	259	71.83	-	-	-	67	65	97.14
Amhara	996,469	70,354	7.06	943,739	69,220	7.33	10,442	3,951	37.83	42,288	10,748	25.42
Oromia.....	2,829,536	283,635	10.02	2,801,855	283,595	10.12	13,243	4,586	34.63	14,438	3,222	22.31
Somali	941	558	59.23	941	558	59.23	-	-	-	-	-	-
Benshangul-Gumuz	199,817	31,072	15.55	199,773	31,073	15.55	-	-	-	44	36	80.45
SNNP.....	775,037	65,683	8.47	766,246	65,376	8.53	6,498	1,727	26.57	2,292	848	36.98
Gambella.....	89,667	30,610	34.14	89,561	30,613	34.18	106	58	55.13	-	-	-
Harari	852	225	26.36	852	225	26.36	-	-	-	-	-	-
Dire Dawa.....	890	244	27.41	801	211	26.39	89	62	69.35	-	-	-

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 2008/09 (2001 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households		
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered	
Tigray	North Western Tigray	31	31	930	925	
	Central Tigray	39	39	1170	1169	
	Eastern Tigray	29	29	870	868	
	Southern Tigray	38	38	1140	1137	
	Western Tigray	25	25	750	749	
	Region Total		162	162	4860	4848
Afar	Zone One	28	28	840	828	
	Zone Three	21	20	630	579	
	Region Total	49	48	1470	1407	
Amhara	North Gonder	49	49	1470	1470	
	South Gonder	44	44	1320	1316	
	North Wello	45	44	1350	1260	
	South Wello	48	48	1440	1438	
	North Shewa	46	46	1380	1379	
	East Gojam	48	48	1440	1440	
	West Gojam	46	46	1380	1379	
	Wag Hemira	29	27	870	809	
	Awi	32	32	960	959	
	Oromia	28	28	840	839	
	Argoba Special Woreda	20	18	600	540	
	Region Total		435	430	13050	12829
	Oromia	West Wellega	43	42	1290	1259
East Wellega		40	40	1200	1200	
Illubabor		48	48	1440	1435	
Jimma		46	46	1380	1379	
West Shewa		44	44	1320	1319	
North Shewa		39	39	1170	1169	
East Shewa		40	40	1200	1197	
Arsi		53	51	1590	1524	
West Harerghe		41	41	1230	1227	
East Harerghe		48	47	1440	1409	
Bale		44	44	1320	1315	
Borena		37	36	1110	1066	
South West Shewa		38	38	1140	1139	
Guji		38	38	1140	1132	
Kelem Wellega		36	36	1080	1077	
Horoguduru Wellega		36	36	1080	1075	
West Arsi		39	38	1170	1140	
Region Total			710	704	21300	21062

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	18	600	526
	Jijiga	28	28	840	823
	Liben	24	24	720	654
	Region Total	72	70	2160	2003
Benishangul-Gumuz	Metekel	20	20	600	569
	Asosa	25	24	750	720
	Kemashi	26	26	780	780
	Maokomo	20	20	600	599
	Pawe Special	20	13	600	388
	Region Total	111	103	3330	3056
SNNP	Guraghe	41	41	1230	1227
	Hadiya	34	34	1020	989
	Kembata_Tambaro	33	33	990	960
	Sidama	46	46	1380	1259
	Gedeo	34	34	1020	1020
	Wolayita	39	39	1170	1140
	South Omo	36	34	1080	1014
	Shaka	24	24	720	716
	Keffa	37	37	1110	1108
	Gamo_Gofa	41	41	1230	1228
	Benchi_Maji	36	36	1080	1048
	Yem Special Wereda	20	20	600	570
	Amaro Special Wereda	20	20	600	569
	Burji Special Wereda	20	20	600	600
	Konso Special Wereda	20	20	600	569
	Derashe Special Wereda	20	19	600	569
	Dawro	32	32	960	955
	Basketo Special Wereda	20	20	600	599
	Konta Special Wereda	20	20	600	600
	Siltie	30	30	900	900
	Alaba Special Wereda	20	20	600	570
	Region Total	623	620	18690	18210
Gambella	Agnuak	20	20	600	200
	Nuer	20	10	600	300
	Mejenger	20	12	600	359
	Etang Special Woreda	20	20	600	200
	Region Total	80	62	2400	1059
Harari	Harari	24	24	720	717
Dire Dawa	Dire Dawa	24	24	720	714
Country Total		2290	2247	68700	65905

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:

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

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

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

APPENDIX III
Survey Questionnaire

**Annual Agricultural Sample Survey
Livestock and Beehives Population - 2008/09 (2001 E.C.)**

Part I - Identification Particulars

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

PART II - LIVESTOCK POPULATION AND PRODUCTS

QST I - Did You Have Livestock and/or Beehives on November 10, 2008?

Yes Complete questions below No – End of the question

Number of Cattle by Age and Purpose on Feb 10, 2008

	None	Total	Male	Female
1. Cattle of all ages _____		1	2	3
a. Cattle less than 6 months _____		4	5	6
b. Cattle 6 months and less than 1 year _____		7	8	9
c. Cattle 1 year and less than 3 years _____		10	11	12
d. Cattle 3 years and less than 10 years _____		13	14	15
1. Beef Cattle _____		16	17	18
2. Cattle for breeding _____		19	20	21
3. Dairy cows _____		22		23
4. Cows that gave milk for the last 12 months _____		24		25
5. Draft cattle _____		26	27	28
6. Cattle for other purposes _____		29	30	31
e. Cattle 10 years and older _____		32	33	34
f. Grand Total _____		35	36	37
1. Local breed _____		38	39	40
2. Exotic _____		41	42	43
3. Hybrid _____		44	45	46

Form ASS – 2001/7 Cont'd

Number of Sheep by Age and Purpose on Nov 10, 2008

	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, 2008

	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 ASS –2001/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2008

Horses

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

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

Mules

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

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

Donkeys

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

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

Camels

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

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

Form ASS – 2001/7 Cont'd

Poultry

8. Poultry total on Nov 10, 2008

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

None	Total
	201
	205
	209
	213
	217
	221
	225

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

QST II- Did You Have Livestock During The Reference Period (Nov 12, 2007 to Nov 10, 2008)?

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	■

Form ASS – 2001/7 Cont'd

Milk, Egg, and Honey Production during the reference period

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

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

15. Livestock Diseases and Treatments during the Reference Period

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

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
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