

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

**AGRICULTURAL SAMPLE SURVEY
2007/08 [2000 E.C.]**

VOLUME II

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



**ADDIS ABABA
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Abbreviations

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

CHAPTER I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

Ethiopia is believed to have the largest livestock population in Africa. This livestock sector has been contributing considerable portion to the economy of the country, and still promising to rally round the economic development of the country. It is eminent that livestock products and by-products in the form of meat, milk, honey, eggs, cheese, and butter supply 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 2007/08 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 11, 2007 or Hidar 1, 2000 E.C.) and reference period (November 11, 2006 to November 11, 2007 or Hidar 2, 1999 E.C. to Hidar 1, 2000 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 (2000 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 2,200 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 64 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,136 EAs (97.09%) 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 66,000 agricultural households, however, 61,025 (96.94%) 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.

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

Region	Number of Zones/ Strata	
	Total	Covered
Tigray	5	5
Afar	5	2
Amhara	11	11
Oromiya	17	17
Somalie	9	3
Benishangul Gumuz	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 11, 2006 to Nov 11, 2007.

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

Laying Hens: Refer to all hens and pullets of all types that laid eggs during the reference period, Nov 11, 2006 to Nov 11, 2007.

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 Nov.11, 2007 (Hidar 1/2000 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 2007/08 livestock survey has covered the rural sedentary areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 11, 2007), 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 47.57 million. Out of this total cattle population, the female cattle constitute about 55.64 percent and the remaining 44.36 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 62 percent) is in the 3 years and less than 10 years age category, with about 35.7 percent female and about 26.7 percent male. Moreover, about 33.4 percent are less than three years and those with age category 10 years and over took small portion i.e. 3.19 percent of the total estimated number of cattle population (also see Fig III.1).

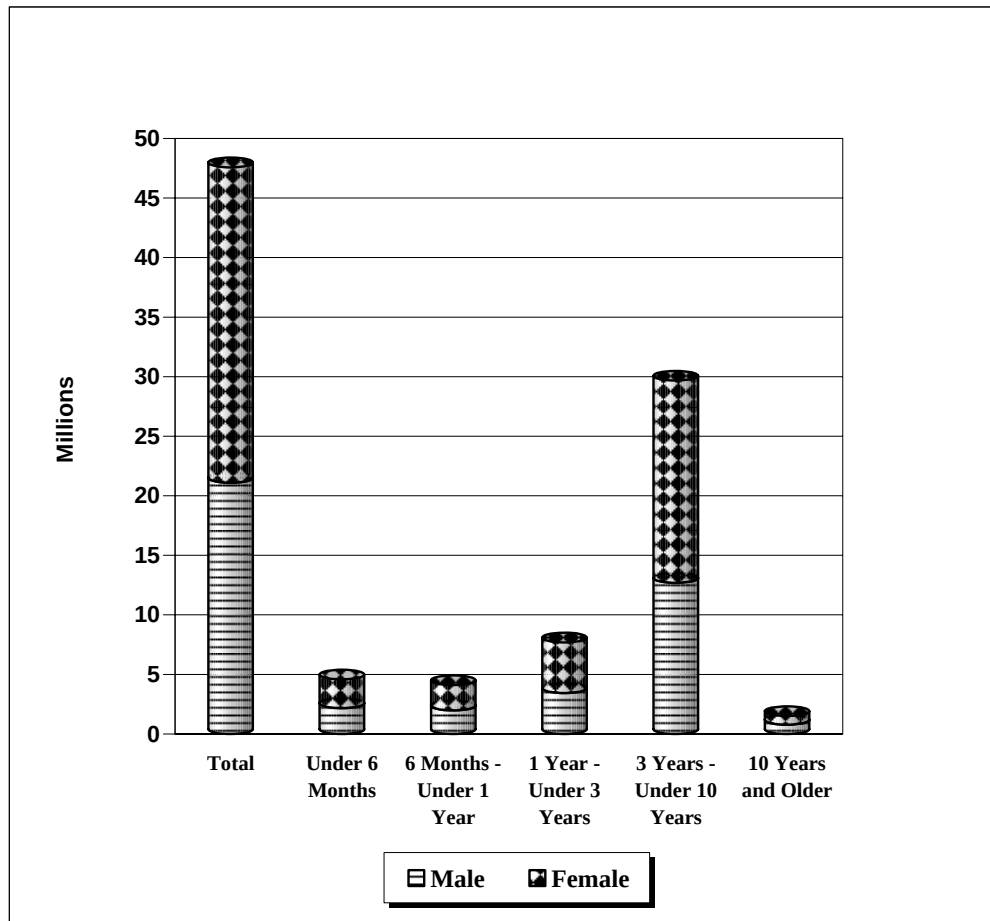
On the other hand, the results obtained indicated that 99.25 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.65 percent and 0.09 percent, respectively. Moreover,

distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 24.26 percent and the percentage share of beef cattle is the lowest that is about 0.83 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 - 2007/08

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total	47,570,675	100	21,101,254	44.36	26,469,421	55.64
Under 6 months.....	4,586,808	9.64	2,180,519	4.58	2,406,289	5.06
6 months - under 1 year	4,108,405	8.64	1,987,742	4.18	2,120,662	4.46
1 year – under 3 years	7,691,547	16.17	3,442,853	7.24	4,248,694	8.93
3 years – under 10 years.....	29,667,352	62.36	12,699,924	26.7	16,967,428	35.67
10 years and older	1,516,564	3.19	790,216	1.66	726,348	1.53
Cattle by Breed						
Total	47,570,675	100	21,101,254	44.36	26,469,421	55.64
Indigenous	47,215,947	99.25	20,978,790	44.1	26,237,158	55.15
Hybrid.....	311,208	0.65	109,242	0.23	201,966	0.42
Exotic.....	43,520	0.09	13,223	0.03	30,297	0.06
Aged 3 – 10 Years by Purpose						
Total	29,667,352	62.36	12,699,924	26.7	16,967,428	35.67
Used for Milk	7,198,027	15.13			7,198,027	15.13
Used for Draught.....	11,539,649	24.26	11,425,923	24.02	113,726	0.24
Used for Beef	393,744	0.83	331,511	0.7	62,233	0.13
Used for Breeding	9,104,274	19.14	489,668	1.03	8,614,606	18.11
Used for Other	1,431,657	3.01	452,821	0.95	978,835	2.06
Dairy Animals						
Dairy Cows.....	7,198,027	15.13			7,198,027	15.13
Milking Cows.....	9,923,124	20.86			9,923,124	20.86

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



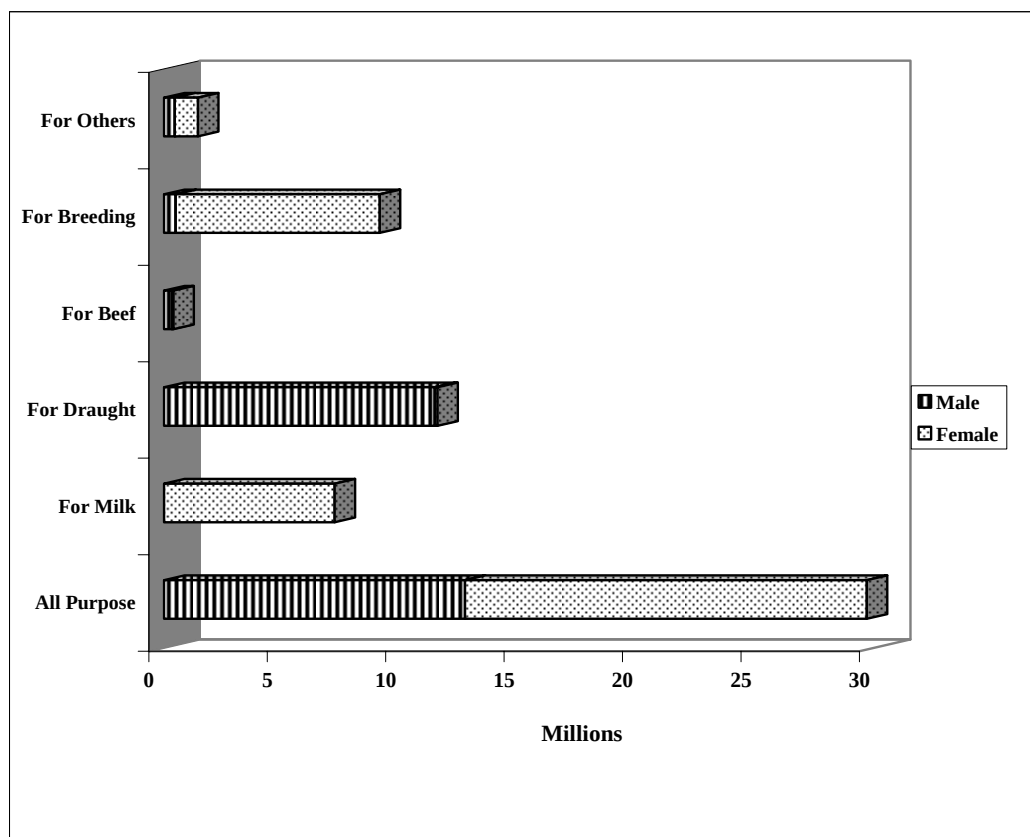
Dairy-cows¹ are estimated to be around 7.2 million and milking-cows² are 9.9 million heads during the reference period.

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

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

²A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2006 to Nov. 11, 2007).

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



3.1.2 Sheep And Goat Populations

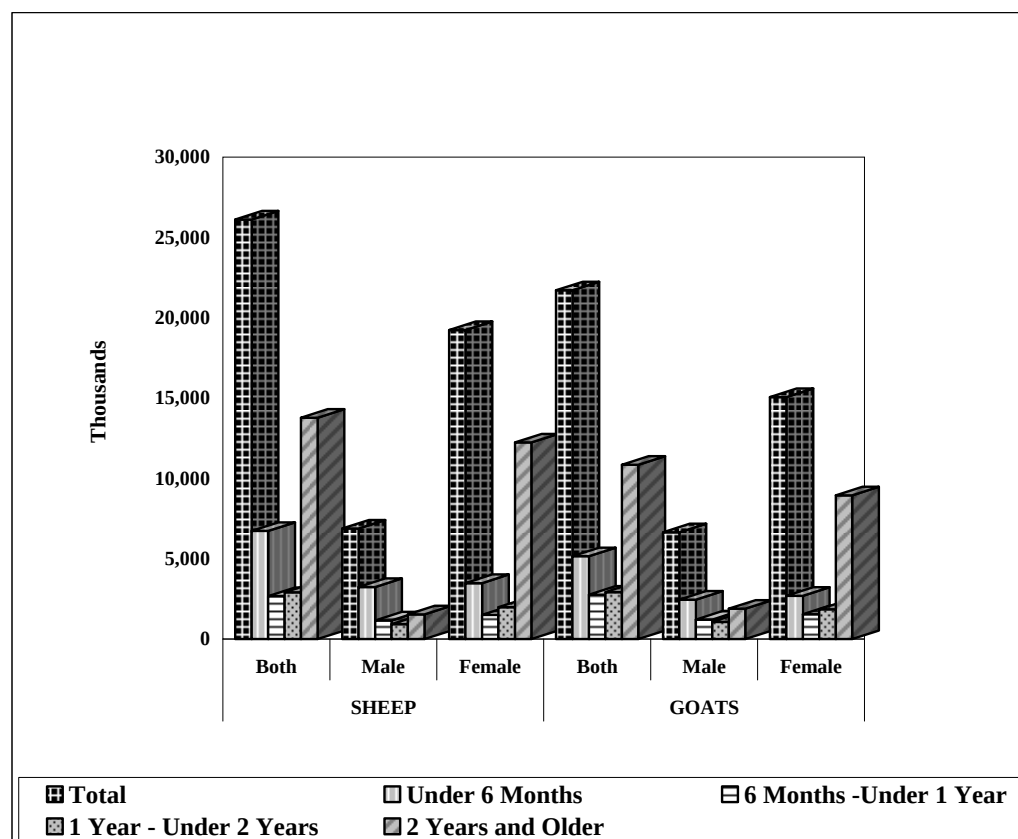
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 26.12 million sheep are estimated to be found in the country, out of which about 74 percent are females, and about 26 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 21.71million. Out of these total goats, about 69 percent are females and 31 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 - 2007/08**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep.....	26,117,272	100	6,886,501	26.37	19,230,771	73.63
Under 6 months.....	6,736,240	25.79	3,248,091	12.44	3,488,149	13.36
6 months - under 1 year.....	2,679,558	10.26	1,163,234	4.45	1,516,324	5.81
1 year - under 2 years	2,922,556	11.19	933,101	3.57	1,989,455	7.62
2 years and older.....	13,778,918	52.76	1,542,074	5.9	12,236,844	46.85
Sheep by Breed						
Total.....	26,117,272	100	6,886,501	26.37	19,230,771	73.63
Indigenous.....	26,089,645	99.89	6,875,335	26.32	19,214,310	73.57
Hybrid	25,337	0.1	*	*	15,652	0.06
Exotic.....	*	*	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total.....	13,778,918	52.76	1,542,074	5.9	12,236,844	46.85
Used for Mutton.....	665,991	2.55	585,651	2.24	80,340	0.31
Used for Wool.....	84,771	0.32	8,177	0.03	76,594	0.29
Used for Breeding.....	12,933,014	49.52	892,017	3.42	12,040,997	46.1
Used for Other	95,141	0.36	56,229	0.22	38,912	0.15
Total Goats.....	21,709,428	100	6,651,413	30.64	15,058,015	69.36
Under 6 months...	5,159,047	23.76	2,460,318	11.33	2,698,729	12.43
6 months - under 1 year.....	2,768,400	12.75	1,219,454	5.62	1,548,946	7.13
1 year - under 2 years	2,933,562	13.51	1,070,525	4.93	1,863,038	8.58
2 years and older.....	10,848,418	49.97	1,901,116	8.76	8,947,302	41.21
Goats by Breed						
Total.....	21,709,428	100	6,651,413	30.64	15,058,015	69.36
Indigenous.....	21,707,225	99.99	6,650,992	30.64	15,056,233	69.35
Hybrid	*	*	*	*	*	*
Exotic.....	-	-	-	-	-	-
Goats Aged 2 Years and Older by Purpose						
Total.....	10,848,418	49.97	1,901,116	8.76	8,947,302	41.21
Used for Milk.....	704,175	3.24			704,175	3.24
Used for Meat	778,107	3.58	728,139	3.35	49,968	0.23
Used for Breeding.....	9,262,082	42.66	1,115,719	5.14	8,146,363	37.52
Used for Other	104,054	0.48	57,257	0.26	46,797	0.22

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (53 percent and 50 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26 percent and 24 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 (99.93 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 (53% of the total sheep), 49.5 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% of the total), goats kept for breeding accounted for about 42.7 percent while goats kept for meat accounted for about 3.58 percent. The number of female goats kept for milk at country level is estimated to be about 704 thousand, which is 3.24 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

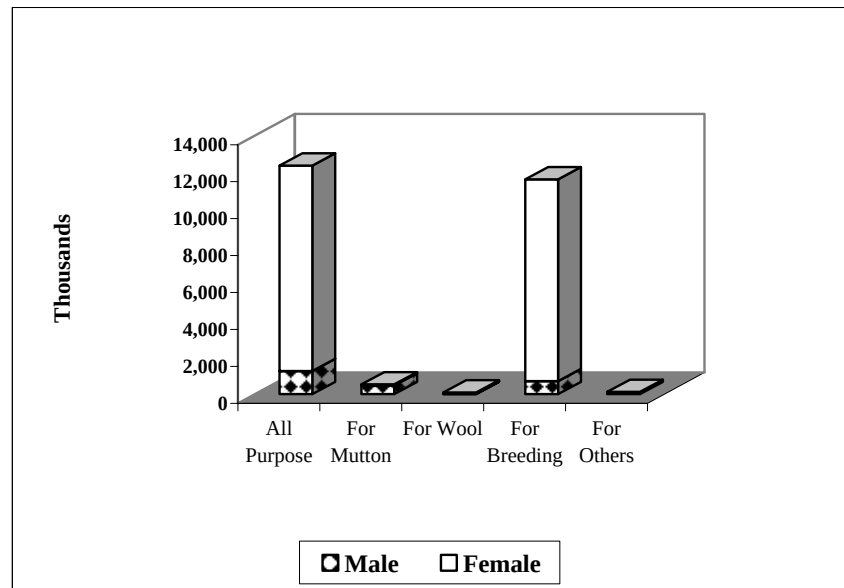
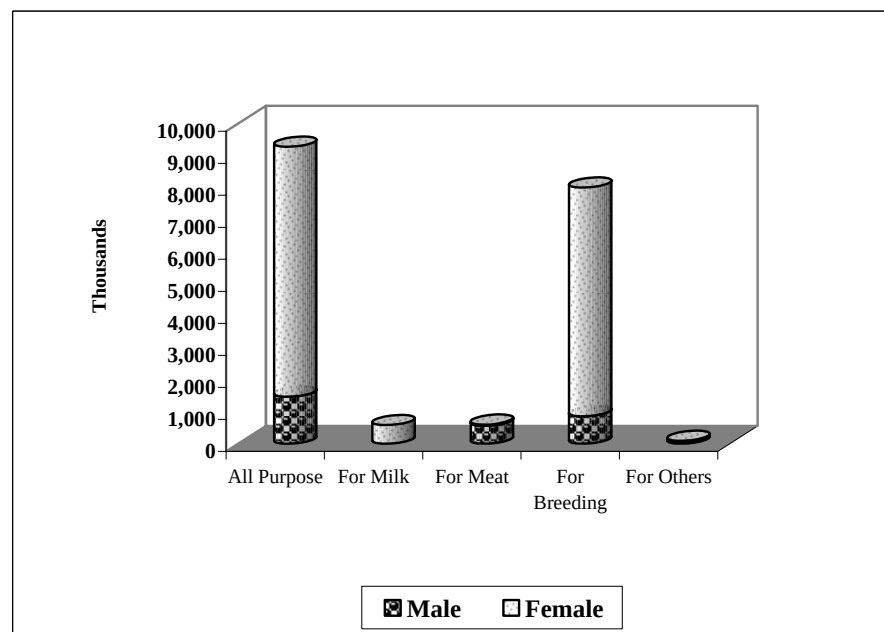


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 1.78 million horses, 5.57 million donkeys, 0.38 million mules, and one million camels in the sedentary areas of the country.

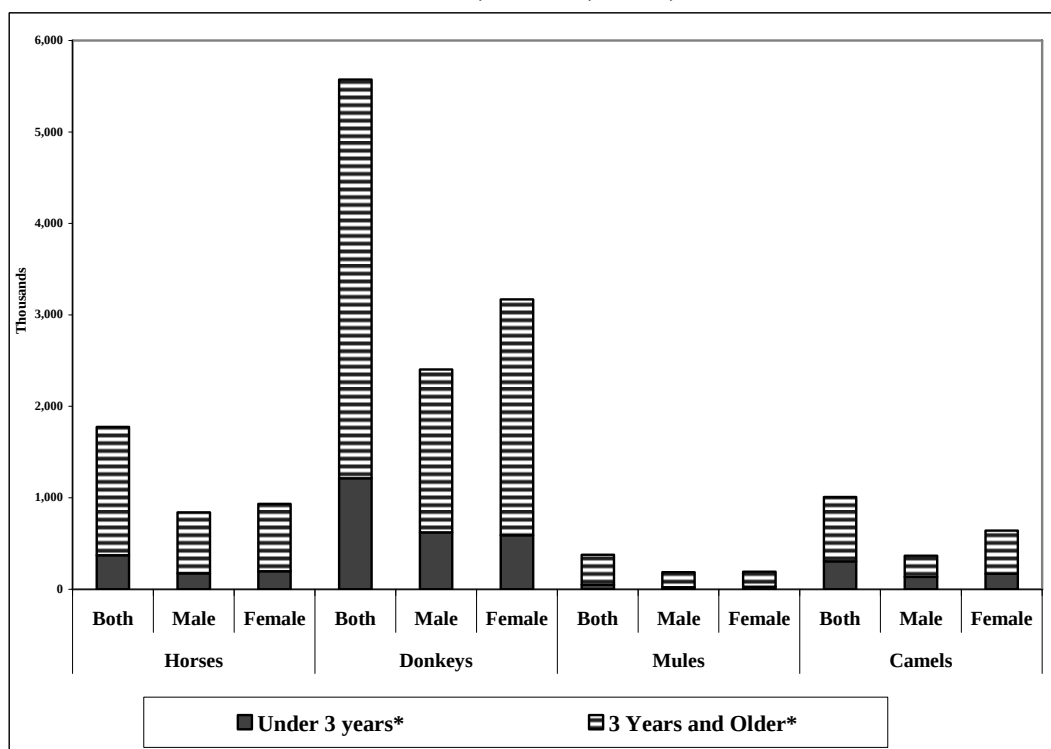
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 57 percent are females and the remaining 43 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 70 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 1.08 million were used for transportation, 0.15 million were for draught and the remaining 0.18 million were used for other purposes. With regard to donkeys, about 3.45 million were used for transportation whereas about 0.74 million and 0.17 million were used for draught and other purposes, respectively.

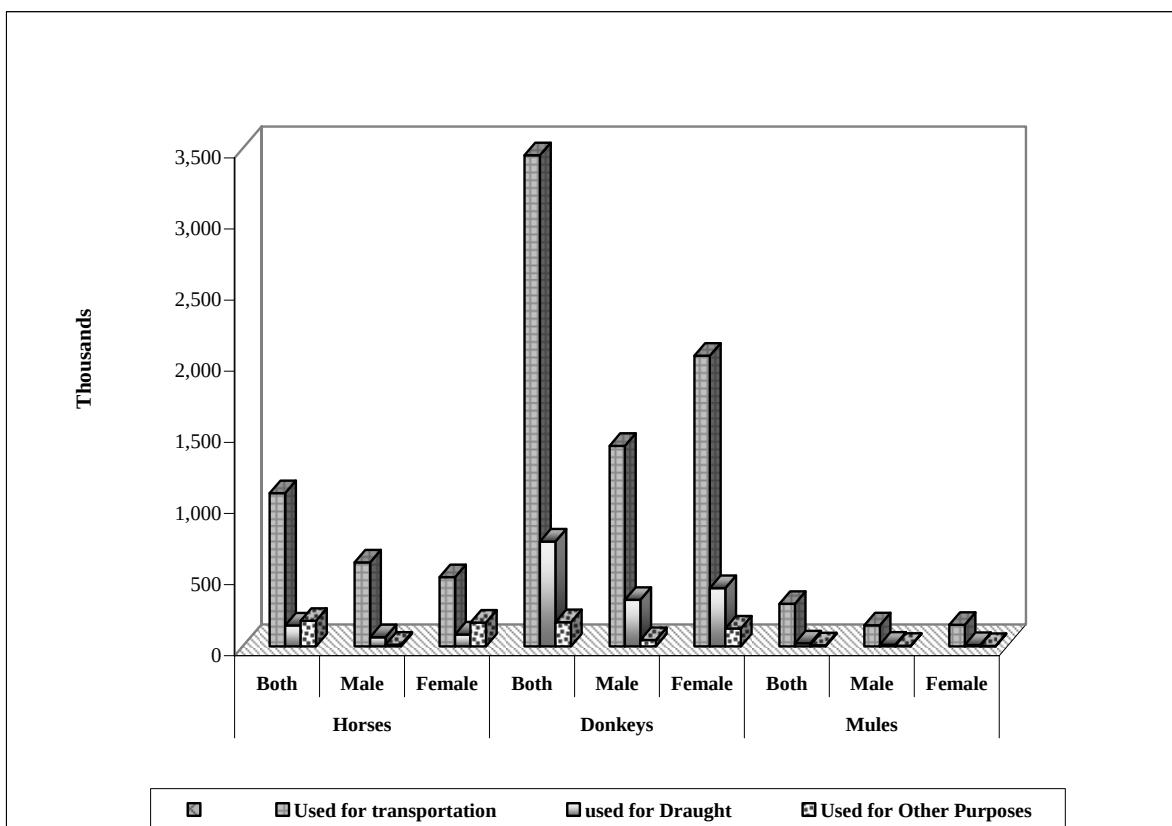
**SUMMARY TABLE III.3: Estimated Numbers of Horses, Donkeys, Mules,
and Camels by Sex, Age, and Purpose, Ethiopia - 2007/08**

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses.....	1,775,794	100	840,885	47.35	934,909	52.65
Under 3 Years	372,310	20.97	174,924	9.85	197,385	11.12
3 years and older	1,403,484	79.03	665,960	37.5	737,524	41.53
Horses Aged 3 Years and Older by Purpose						
All Uses	1,403,484	79.03	665,960	37.5	737,524	41.53
Transportation	1,076,683	60.63	589,975	33.22	486,707	27.41
Draught	147,245	8.29	63,845	3.6	83,400	4.7
Other Uses	179,557	10.11	12,140	0.68	167,417	9.43
Total Donkeys.....	5,572,931	100	2,403,292	43.12	3,169,638	56.88
Under 3 Years...	1,214,278	21.79	622,295	11.17	591,983	10.62
3 years and older	4,358,653	78.21	1,780,997	31.96	2,577,655	46.25
Donkeys Aged 3 Years and Older by Purpose						
All Uses	4,358,653	78.21	1,780,997	31.96	2,577,655	46.25
Transportation	3,452,425	61.95	1,409,572	25.29	2,042,853	36.66
Draught	736,610	13.22	327,422	5.88	409,188	7.34
Other Uses	169,617	3.04	44,003	0.79	125,614	2.25
Total Mules.....	376,682	100	186,045	49.39	190,637	50.61
Under 3 Years	50,865	13.5	23,023	6.11	27,842	7.39
3 years and older	325,817	86.5	163,023	43.28	162,794	43.22
Mules Aged 3 Years and Older by Purpose						
All Uses	325,817	86.5	163,023	43.28	162,794	43.22
Transportation	298,664	79.29	147,633	39.19	151,031	40.1
Draught	20,557	5.46	11,521	3.06	9,036	2.4
Other Uses	6,596	1.75	3,869	1.03	2,727	0.72
Total Camels.....	1,009,040	100	367,556	36.43	641,484	63.57
Under 4 Years	305,676	30.29	135,713	13.45	169,963	16.84
4 years and older	703,364	69.71	231,843	22.98	471,521	46.73
Camels Aged 4 Years and Older by Purpose						
All Uses	703,364	69.71	231,843	22.98	471,521	46.73
Meat	48,251	4.78	42,870	4.25	5,381	0.53
Milk.....	346,494	34.34			346,494	34.34
Transportation	182,379	18.07	159,120	15.77	23,259	2.31
Draught	8,923	0.88	6,417	0.64	2,506	0.25
Other Uses	117,317	11.63	23,435	2.32	93,882	9.3

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

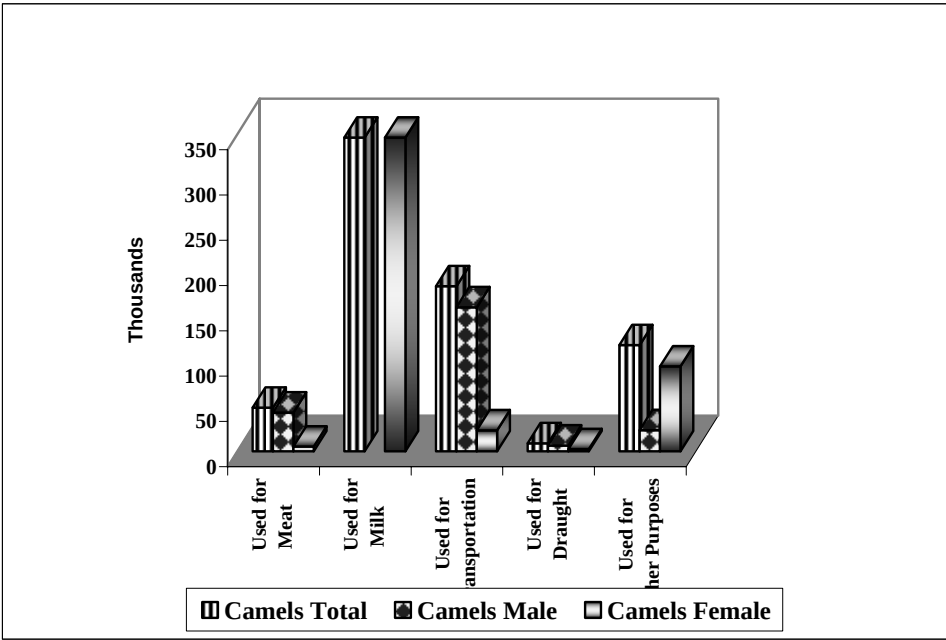


* Note that for camels the 'Age Categories' are under 4 years and 4 years & older
FIGURE III.7 DISTRIBUTION OF HORSES, DONKEYS, AND MULES BY PURPOSE AND SEX



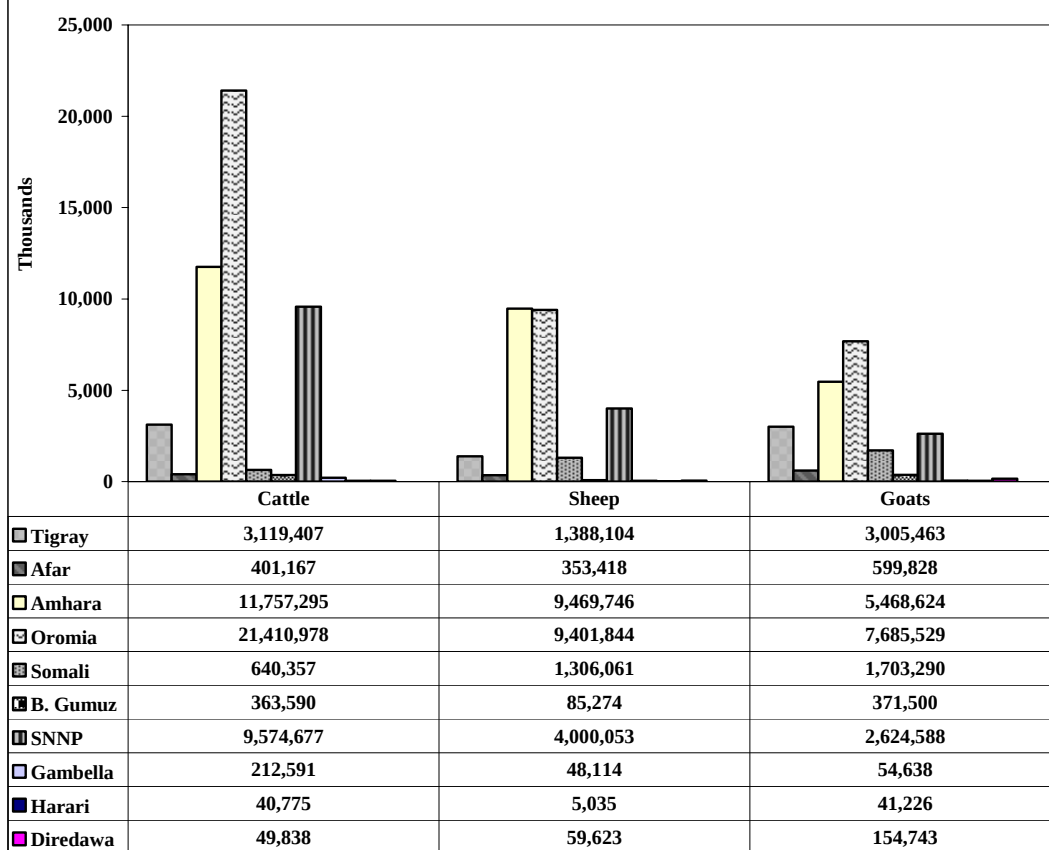
Considering the purpose of the mules, the data shows that the predominance (79%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 34.34 percent of the camels reported were kept for milk, 18.07 percent were for transportation, and only 0.88 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 48 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

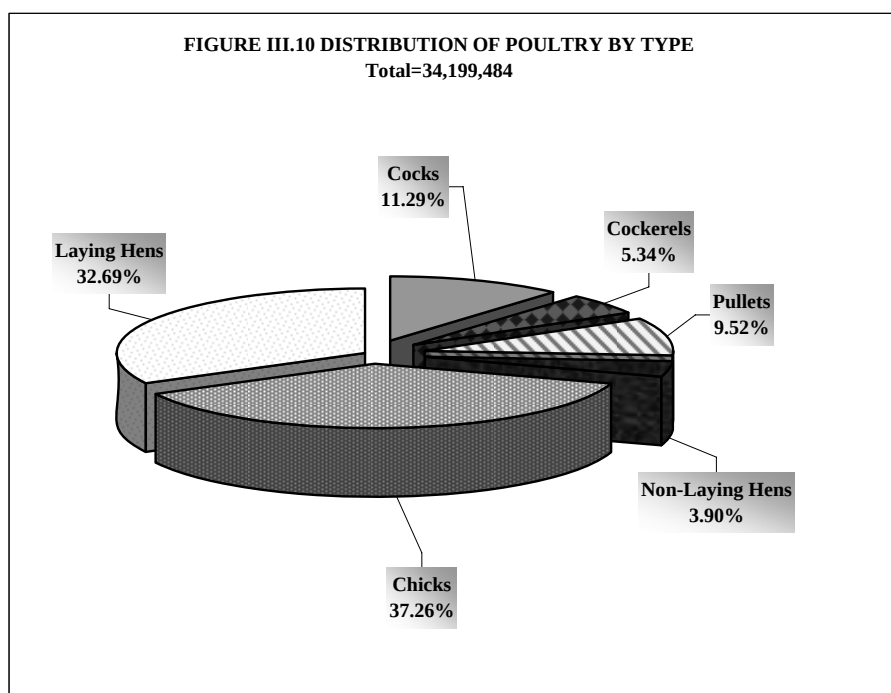


3.1.4 Poultry Population

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 39.6 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (37.26 percent), followed by laying hens (32.69 percent). Pullets are estimated to be 3.77 million in the country. Cocks and cockerels are also estimated separately, and are 4.47 million and 2.11 million, respectively. The others are non-laying hens that make up about 3.9 percent (1.54 million) of the total poultry population in the country. With regard to breed, 96.57 percent, 3.08 percent and 0.35 percent of the total poultry were reported to be indigenous, hybrid and exotic, respectively. For the regional and zonal distributions of poultry refer to the statistical tables presented at the end of this chapter.

**SUMMARY TABLE III.4: Estimated Number of Poultry by Type and Breed,
Ethiopia - 2007/08**

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry	39,563,902	100	38,207,522	96.57	1,219,564	3.08	136,815	0.35
Cocks	4,466,235	11.29	4,281,304	10.82	164,857	0.42	20,074	0.05
Cockerels	2,114,380	5.34	2,047,319	5.17	63,470	0.16	3,592	0.01
Pullets	3,768,034	9.52	3,629,520	9.17	123,440	0.31	15,074	0.04
Non-Laying Hens	1,541,243	3.9	1,483,234	3.75	53,441	0.14	4,568	0.01
Chicks	14,739,754	37.26	14,419,290	36.45	305,593	0.77	*	*
Laying Hens.....	12,934,256	32.69	12,346,856	31.21	508,764	1.29	78,637	0.2



3.1.5 Beehive Population

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

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

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

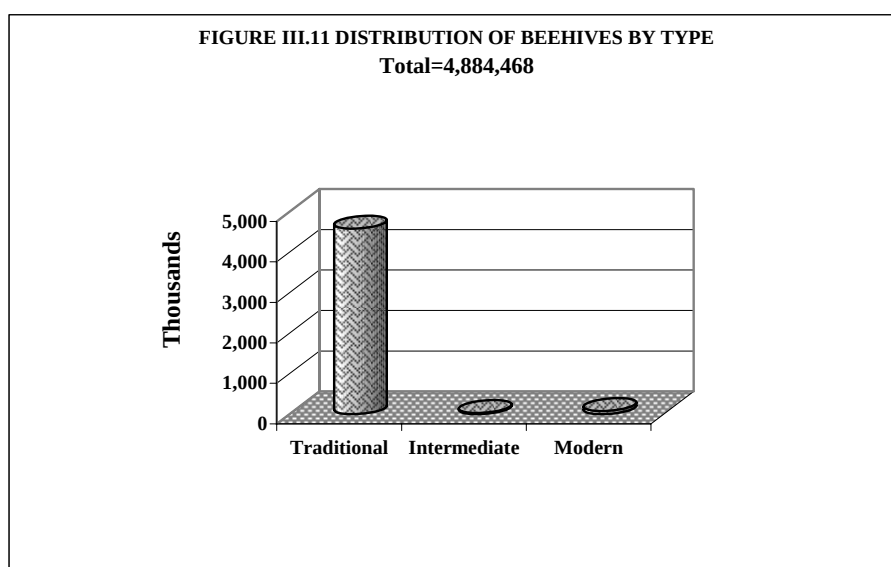
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 11, 2006 to November 11, 2007). Accordingly, the result

of the survey revealed that a total of about 4.69 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (97.7 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type,
Ethiopia - 2007/08

Type of Beehive	Number	%
All Beehives	4,688,278	100
Traditional Beehives	4,580,303	97.7
Intermediate Beehives	29,421	0.63
Modern Beehives.....	78,554	1.68



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 52 million chickens, 11 million sheep, 9.2 million cattle and 9 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 15.33 million animals (either to build their stock or for some other reasons) and acquired about 1.8 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 - 2007/08

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle	9,173,359	4,403,117	4,770,242	3,202,800	1,910,009	1,292,791	674,856	276,488	398,367
Sheep.....	11,384,968	5,387,825	5,997,143	3,344,949	1,474,843	1,870,105	480,918	87,734	393,184
Goats	9,001,416	4,195,522	4,805,894	1,835,660	699,475	1,136,184	253,907	56,633	197,274
Horses.....	131,647	59,817	71,830	152,227	89,117	63,110	14,165	3,074	11,092
Donkeys	420,431	215,517	204,913	427,787	247,986	179,801	27,878	12,042	15,835
Mules.....	19,370	9,498	9,871	48,804	26,734	22,070	*	*	-
Camels.....	127,087	55,299	71,788	25,250	20,976	4,274	2,850	2,021	*
Poultry	52,178,770	24,420,010	27,758,760	6,293,385	2,763,043	3,530,342	338,314	77,313	261,000

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 9.54 million chickens, 5.4 million sheep, 4 million cattle and 3.4 goats were sold and about 16.55 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 34 million animals and households have also offered about 0.4 million animals to their relatives or others as gifts.

SUMMARY TABLE III.7 Estimated Numbers of Sales, Slaughters, Deaths, and Offerings by Type during the Reference Period,
Ethiopia - 2007/08

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	4,031,571	2,492,189	1,539,382	350,071	181,863	168,208	3,381,417	1,436,658	1,944,759	445,533	172,493	273,040
Sheep	5,398,971	2,804,599	2,594,372	3,018,617	2,250,842	767,775	5,840,020	1,878,439	3,961,581	243,231	63,136	180,095
Goats	3,394,361	1,891,041	1,503,320	1,741,473	1,244,114	497,359	4,959,093	1,791,656	3,167,436	196,718	60,819	135,899
Horses	125,079	70,551	54,528				140,070	67,729	72,341	9,281	*	6,405
Donkeys	271,271	157,203	114,067				343,756	168,025	175,731	10,303	3,057	7,246
Mules	26,381	14,231	12,151				22,124	8,930	13,194	2,164	*	1,401
Camels	33,283	28,364	4,919	7,667	5,809	1,858	61,601	19,378	42,223	4,985	3,607	1,378
Poultry	9,541,166	5,182,116	4,359,050	11,427,842	7,025,515	4,402,327	34,462,943	15,325,311	19,137,631	401,680	145,865	255,816

* Includes animals that died from diseases and other causes

3.4 LIVESTOCK PRODUCTS

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

3.4.1 Milk Production

Estimation of milk production entails three components, namely number of milking cows, number of months milking cows actually milked within the reference period and average milk production per cow per day. Hence, data on these components have been collected and the total milk production in the sedentary areas of the country is estimated by multiplying these three components. However, two basic concepts about milk production should be mentioned here. “Gross production”, which includes whole fresh milk actually milked and milk sucked by young animals and also milk fed to other animals. “Net production” consists of whole milk actually milked and milk fed to other animals but excludes milk sucked by young animals. Therefore, in the case of this survey, milk production is estimated based on the concept of “net production”, and as indicated in Summary Table III.8, the estimate of total cow milk production for the rural sedentary areas of the country during the reference period, is about 3.22 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 249.93 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 1.540 liters. With regard to camel, the average lactation period is about *ten* months whereas the average daily milk yield is about 4.274 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 42.18 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 1.48, 1.58, and 1.56 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 68.24 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*, *four* and *one* for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 20, 38 and 102 days for local, hybrid and exotic breeds, in that order. The average number of eggs laid per hen per egg-laying period in the country is about 12, 34 and 94 eggs, correspondingly (see Summary Table III.8)

**SUMMARY TABLE III.8: Milk, Honey, and Egg Production,
Ethiopia - 2007/08**

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...			1.54
Average Lactation Period (Months)			6
Total Milk Production (Liters).....			3,221,652,407
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			4.274
Average Lactation Period (Months)			10
Total Milk Production (Liters).....			249,933,690
Honey Production			
All Types of Beehives (Number).....			4,688,278
Production (Kilograms)			42,180,346
Average Frequency (Harvests/Year)			1.49
Traditional Beehives (Number).....			4,580,303
Production (Kilograms)			40,075,363
Average Frequency (Harvests/Year)			1.48
Intermediate Beehives (Number).....			29,421
Production (Kilograms)			467,187
Average Frequency (Harvests/Year)			1.58
Modern Beehives (Number).....			78,554
Production (Kilograms)			1,637,796
Average Frequency (Harvests/Year)			1.56
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year.....	4	4	1
Average Length of a Period (in days).....	20	38	102
Average Number of Eggs/Hen/Period.....	12	34	94
Total Egg Production (Number).....	68,240,818	6,250,801	792,157

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 - 2007/08**

Type of Livestock	Total Vaccinated	Vaccinated against:					
		Anthrax ³	Blackleg ⁴	Pleuro-Pneumonia ⁵	Hemorrhagic Septicemia ⁶	Rinderpest ⁷	Others
Cattle.....	13,910,148	4,724,568	4,128,191	1,574,600	1,399,184	381,726	1,701,879
Sheep	4,025,712	485,529	365,777	887,002	937,550	41,371	1,308,483
Goats	2,867,956	380,425	254,789	677,711	818,727	42,854	693,450
Camels	-	-	-	-	-	-	-

**SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and
Treated, Ethiopia - 2007/08**

Item	Number	%
Total Afflicted.....	20,030,732	100
Cattle	7,084,627	35.37
Sheep	6,388,707	31.89
Goats	4,881,643	24.37
Horses, Donkeys, and Mules .	721,081	3.60
Camels.....	111,977	0.56
Poultry	842,697	4.21
Total Treated.....	6,576,012	100
Cattle	3,293,033	50.08
Sheep	1,870,520	28.44
Goats	1,068,829	16.25
Horses, Donkeys, and Mules .	280,920	4.27
Camels.....	24,206	0.37
Poultry	38,505	0.59

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 20.8 million. Out of these animals, about 67 percent were cattle followed by sheep, which took about 19 percent share. Goats also accounted for about 14 percent of the total vaccinated animals. The survey results also revealed that no camel was vaccinated during the reference period.

As indicated in Summary Tabel III.9b, about 20 million animals were diseased / afflicted by different types of diseases during the reference period and only 6.6 million of them were treated. The cattle constituted about 50.1 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.

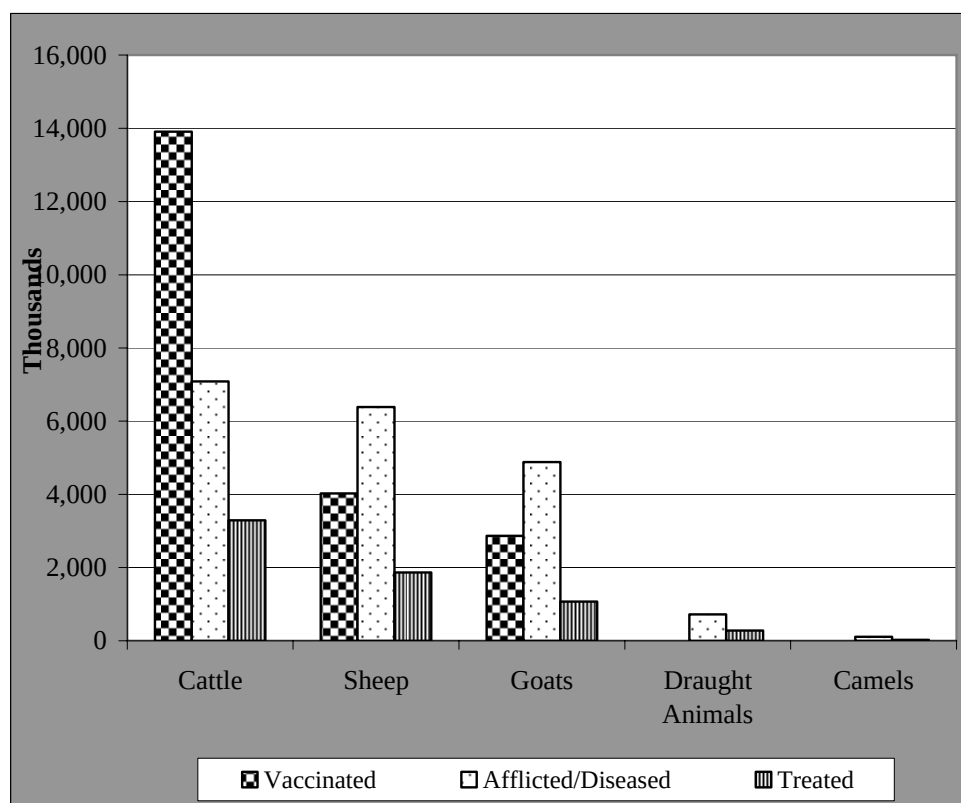
⁵ Pleuro-pneumonia – is an infectious bacterial disease of animals mainly cattle that causes cough and fever and is transmittable to other animals easily.

⁶ Hemorrhagic- septicemia- 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 52 percent, reported one to four cattle and considerable portion (22.15 percent) of the holdings possess five to nine cattle. About 20 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 - 2007/08

Size	Number of Holdings	%
All Holdings.....	13,120,767	100
Holdings with no Cattle...	2,590,914	19.75
1-2 Head.....	3,478,057	26.51
3-4 Head.....	3,356,546	25.58
5-9 Head.....	2,906,563	22.15
10-19 Head.....	661,112	5.04
20-49 Head.....	117,380	0.89
50-99 Head.....	7,586	0.06
100-199 Head.....	2,123	0.02
>=200 Head.....	486	0.00

The result of the survey also revealed that about 24 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 percent and about 71 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 – 2007/08

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings.....	13,120,767	100	13,120,767	100
Holdings with no Sheep/Goats.	7,956,621	60.64	9,363,786	71.37
1-4 Head.....	3,209,356	24.46	2,227,876	16.98
5-9 Head.....	1,359,606	10.36	998,078	7.61
10-49 Head.....	583,254	4.45	510,817	3.89
50-99 Head.....	9,804	0.07	15,989	0.12
100-199 Head.....	1,876	0.01	3,602	0.03
200-499 Head.....	250	0.00	619	0.00
>=500 Head.....	-	-	-	-

With regard to draught animals, from the holdings that owned draught animals, most of them were with one to two head. About 99 percent, 97 percent, 91 percent, and 73 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 - 2007/08

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings.....	13,120,767	100	13,120,767	100	13,120,767	100	13,120,767	100
Holdings with no Animals.	11,991,603	91.39	9,625,041	73.36	12,778,331	97.39	12,933,592	98.57
1-2 Head.....	991,219	7.55	3,229,400	24.61	338,818	2.58	96,102	0.73
3-4 Head.....	113,985	0.87	246,522	1.88	3,190	0.02	33,984	0.26
5-9 Head.....	23,509	0.18	17,999	0.14	428	0.00	29,614	0.23
>= 10 Head.....	451	0.00	1,805	0.01	-	-	27,475	0.21

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (44.62 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry,
Ethiopia - 2007/08

Size	Number of Holdings	%
All Holdings.....	13,120,767	100
Holdings with no Poultry...	5,855,108	44.62
1-9 Head.....	6,059,098	46.18
10-49 Head.....	1,205,499	9.19
50-99 Head.....	1,062	0.01
100-199 Head.....	-	-
200-499 Head.....	-	-

3.7 ANIMAL FEED

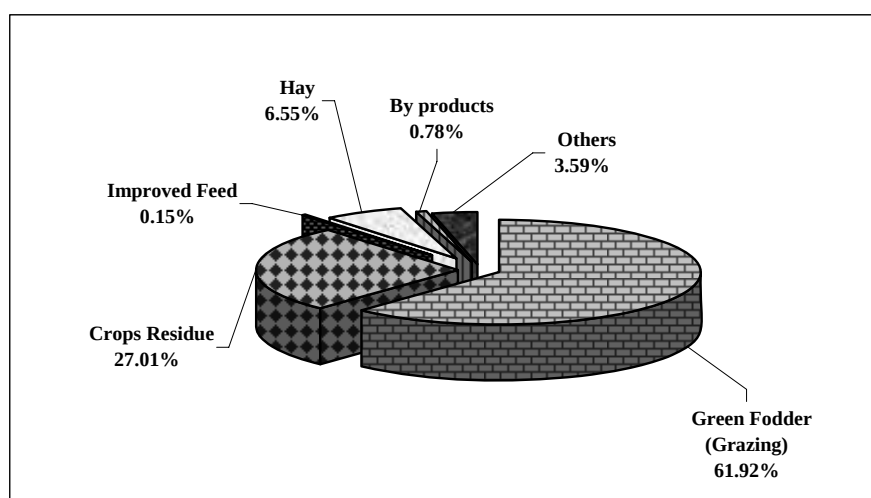
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *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 61.92 percent) followed by crops residue that is 27.01 percent. Hay and by-products were also used as animal feeds that comprise about 6.55 and 0.78 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 3.59 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2007/08

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing.....	11,593,836	61.92
Crops Residue.....	9,636,670	27.01
Improved Feed.....	93,449	0.15
Hay	3,540,815	6.55
By-products.....	730,191	0.78
Others.....	3,042,341	3.59

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 11.6 million holders have used green fodder to feed their animals. Significant number of holders (about 9.6 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 3.5 million, and about 0.73 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 3.04 million) as well reported to use other types of feeds while about 93 thousand holders used improved feed during the reference period.

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

**SUMMARY TABLE III.12 Estimated Number of Holders
Reporting Animal Feed by Source and Type of Feed, Ethiopia - 2007/08**

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By- products	Others
All Sources.....	11,758,296	9,793,783	96,474	3,612,269	737,316	3,090,405
Own Holding.....	4,260,414	8,799,001	72,192	2,428,312	351,644	2,158,650
Purchased.....	234,024	170,262	16,765	514,993	345,778	485,681
Communal Holdings/Government	3,962,829	107,415	2,029	95,527	3,298	39,640
From any Two or More Sources...	3,086,704	601,699	3,829	520,229	28,049	214,819
Other Sources.....	214,325	115,406	1,659	53,208	8,547	191,615

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 133 thousand holders (about one percent of the total holders) were involved in livestock extension packages during the reference period. More than half of these holders were involved in beef and poultry development packages. About a quarter of them were engaged in dairy development packages whereas 16% of them have practiced honey and wax development package. Moreover, about 7% 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 - 2007/08**

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total	133,851	100
Dairy Development Package.....	32,634	24.38
Beef/Meat/Mutton Development Package.....	45,026	33.64
Poultry Development Package.....	25,834	19.30
Honey and Wax Development Package.....	20,970	15.67
Two or More of the Packages.....	9,387	7.01

**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	47,570,675	26,117,272	21,709,428	1,775,794	5,572,931	376,682	1,009,040	39,563,902	4,688,278
Tigray	3,119,407	1,388,104	3,005,463	*	462,497	6,665	34,448	4,262,337	242,868
North West Tigray	771,917	79,967	903,196	-	71,149	*	6,956	1,157,851	35,028
Central Tigray	754,280	318,478	1,237,653	-	135,312	*	4,860	1,255,629	86,574
Eastern Tigray	380,860	604,471	201,410	*	88,435	*	3,671	562,316	48,841
Southern Tigray	671,199	333,976	385,890	*	131,674	*	16,984	749,131	49,670
Western Tigray	541,151	51,211	277,314	*	35,927	950	1,977	537,409	22,755
Afar	401,167	353,418	599,828	*	32,897	*	142,357	53,856	*
Zone 1	223,960	209,622	345,432	*	12,505	-	54,068	536	-
Zone 3	177,207	143,796	254,396	-	20,392	*	*	53,320	*
Amhara	11,757,295	9,469,746	5,468,624	304,004	1,804,408	135,908	47,026	12,364,824	975,749
North Gondar	2,157,749	959,969	1,281,298	39,772	234,250	10,350	-	2,990,403	219,156
South Gondar	1,310,023	834,443	736,524	14,982	215,634	18,148	-	1,438,282	110,366
North Wolo	986,458	1,083,949	543,677	33,508	171,602	19,253	13,772	1,129,456	52,835
South Wolo	1,652,507	2,370,205	701,007	68,215	340,490	48,650	*	1,663,904	92,628
North Shewa	1,138,365	1,128,501	717,460	23,499	279,757	8,179	*	1,115,290	63,816
East Gojam	1,489,042	1,509,635	392,831	50,419	248,379	8,630	-	784,913	122,989
West Gojam	1,785,578	955,394	354,905	*	172,570	13,528	-	1,786,794	179,925
Waghamera	274,866	133,707	396,670	*	58,481	3,216	-	402,409	55,474
Awi	660,935	454,332	112,215	56,453	49,563	5,610	-	706,821	65,067
Oromia	281,362	39,005	209,776	*	31,859	*	11,255	310,617	11,467
Argoba Special Wereda	20,410	606	22,261	-	1,823	*	1,389	35,936	2,029
Oromia	21,410,978	9,401,844	7,685,529	1,111,943	2,197,828	180,364	447,688	14,329,775	2,447,294
West Wellega	898,055	289,569	115,354	*	101,998	5,676	-	952,302	319,163
East Wellega	834,163	271,817	157,806	*	75,463	2,954	-	780,265	301,557
Illubabor	893,207	441,313	188,724	41,735	18,362	10,587	-	915,505	453,738
Jimma	2,006,467	894,719	248,049	85,192	52,663	33,093	-	1,337,182	215,962
West Shewa	1,641,785	940,417	320,114	158,697	117,955	11,355	-	937,252	120,406
North Shewa	1,410,831	1,097,102	252,947	96,748	193,810	9,145	-	522,138	87,016
East Shewa	1,204,478	702,544	733,537	13,922	254,834	9,641	*	829,865	18,314
Arsi	2,510,936	1,651,661	718,810	238,094	300,601	25,280	*	1,491,231	105,274
West Harerghe	1,247,429	214,017	980,004	*	183,068	3,364	22,047	1,218,014	68,220
East Harerghe	1,443,614	365,252	1,292,484	*	214,940	-	*	1,254,362	68,311
Bale	1,294,744	264,470	794,277	32,334	188,114	18,179	36,036	620,137	118,257
Borena	1,224,163	241,584	676,890	2,023	55,411	5,486	97,131	471,800	71,844
South West Shewa	821,641	238,945	200,461	40,996	125,612	9,386	-	534,999	51,198
Guji	1,164,073	395,423	427,338	140,720	55,816	17,234	48,662	761,245	127,544
West Arsi	1,861,402	967,126	341,134	211,731	179,831	5,439	-	636,733	51,487
Kelem Wellega	350,838	217,697	131,823	*	29,282	9,911	-	744,471	173,713
Horoguduru Wellega	603,154	208,189	105,775	27,810	50,067	3,634	-	322,274	*

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Somale	640,357	1,306,061	1,703,290	*	*	*	330,563	113,082	*
Shinele	37,318	218,817	548,925	-	16,896	-	27,728	1,674	-
Jijiga	377,363	855,835	642,017	-	54,196	-	81,221	15,669	*
Liben	225,676	231,409	512,348	*	*	*	221,614	95,740	-
Benshangul-Gumuz	363,590	85,274	371,500	280	50,738	682	-	708,027	186,068
Metekel	246,660	42,568	158,805	280	21,076	276	-	328,443	108,316
Asosa	65,108	18,593	145,076	-	21,230	*	-	210,728	41,503
Kemeshi	16,393	11,767	52,534	-	5,741	*	-	104,581	11,578
Pawe Special	20,441	2,578	2,515	-	367	*	-	27,207	577
Mao Komo	14,989	9,769	12,569	-	2,325	*	-	37,070	24,093
SNNP	9,574,677	4,000,053	2,624,588	346,335	364,985	52,456	*	7,465,585	798,901
Gurage	1,134,911	466,514	150,904	78,200	50,692	2,886	-	564,459	50,433
Hadiya	718,717	277,483	106,058	27,260	57,080	6,700	-	677,239	46,012
Kembata Tembaro	341,541	112,323	50,667	6,388	18,175	1,850	-	300,835	24,211
Sidama	1,573,283	429,562	153,125	50,534	66,752	*	-	967,326	63,539
Gedio	116,995	181,231*		17,087	*	4,642	-	212,106	42,482
Wolayita	764,999	220,150	112,550	*	24,707	*	-	613,062	30,444
South Omo	818,754	420,389	878,172	18,379	9,873	3,876	-	536,912	83,651
Shaka	84,827	52,211	9,468	4,711	1,458	818	-	130,857	53,901
Kaffa	934,532	473,743	147,797	58,268	*	9,320	-	755,058	195,208
Gamo Gofa	1,058,731	368,215	229,327	20,238	18,513	5,583	-	784,833	40,801
Bench Maji	426,598	196,685	68,023	11,656	*	1,976	-	564,192	*
Yem Sp. Wereda	67,381	30,856	19,644	732	2,717	*	-	29,390	7,831
Amaro Sp. Wereda	115,045	41,794	74,588	3,265	1,167	1,025	-	60,090	6,944
Burji Sp. Wereda	45,973	4,868	30,610	-	4,415	151	*	32,101	1,099
Konso Sp. Wereda	146,041	141,070	267,938	-	6,492	-	-	164,034	29,518
Derashe Sp. Wereda	60,659	21,918	74,857	*	12,537	*	-	124,473	1,881
Dawro	332,490	106,163	51,755	6,724	2,655	5,237	-	171,716	9,483
Basketo Sp. Wereda	34,585	12,515	*	378	*	453	-	55,823	3,096
Konta Sp. Wereda	71,212	16,457	11,873	1,137	*	510	-	77,226	20,263
Silte	544,392	367,518	99,560	32,735	53,677	3,833	-	497,404	22,404
Alaba Sp. Wereda	183,011	58,388	66,221	4,438	28,449	*	-	146,450	10,791
Gambela region	212,591	48,114	54,638	336	*	*	-	173,844	35,122
Agnuwak	30,410	*	12,571	-	*	-	-	92,477	*
Nuware	112,871	23,351	27,601	-	-	-	-	10,884	-
Mezhenger	17,921	8,816	1,169	336	*	*	-	45,803	31,515
Itang Special	51,389	13,593	13,297	-	*	-	-	24,680	-
Harari	40,775	5,035	41,226	-	8,328	-	*	36,288	1,056
Hundene	40,775	5,035	41,226	-	8,328	-	*	36,288	1,056
Dire Dawa	49,838	59,623	154,743	-	14,083	-	5,060	56,283	950

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	47,570,675	2,180,519	1,987,742	3,442,853	12,699,924	790,216	2,406,289	2,120,662	4,248,694	16,967,428	726,348
Tigray	3,119,407	150,372	105,291	216,377	922,849	79,677	169,583	125,890	249,609	1,036,743	63,015
North West Tigray	771,917	39,740	27,944	50,748	197,067	19,918	50,018	36,511	63,519	268,267	18,187
Central Tigray	754,280	30,399	18,138	60,833	274,267	18,669	31,076	23,029	59,183	227,657	11,031
Eastern Tigray	380,860	17,533	14,207	30,737	120,110	6,050	17,648	16,457	30,128	124,043	3,947
Southern Tigray	671,199	31,528	21,038	36,011	232,455	24,324	35,728	23,151	41,761	215,413	9,788
Western Tigray	541,151	31,172	23,965	38,048	98,950	10,717	35,114	26,741	55,018	201,363	20,062
Afar	401,167	22,188	18,805	17,561	33,236	442	38,550	32,814	42,330	193,637	1,604
Zone 1	223,960	12,415	9,363	7,763	13,823	*	20,878	16,252	22,579	119,321	1,402
Zone 3	177,207	9,774	9,442	9,797	19,413	277	17,672	16,562	19,751	74,317	*
Amhara	11,757,295	445,297	397,612	862,832	3,906,997	387,028	496,122	406,450	916,787	3,695,434	242,736
North Gonder	2,157,749	90,395	86,539	189,788	595,603	73,045	95,935	94,677	188,153	678,949	64,665
South Gonder	1,310,023	52,359	37,785	106,550	445,588	54,193	52,029	32,371	96,940	399,464	32,743
North Wolo	986,458	49,509	24,769	69,311	285,551	26,574	51,693	33,927	92,300	329,114	23,709
South Wolo	1,652,507	69,718	65,813	128,506	581,093	16,703	80,185	52,783	124,325	521,353	12,027
North Shewa	1,138,365	25,448	38,948	81,703	486,666	30,121	33,840	33,461	82,918	313,753	11,508
East Gojam	1,489,042	43,855	38,635	99,015	538,403	91,934	50,321	43,666	98,113	453,552	31,549
West Gojam	1,785,578	56,506	63,038	99,919	613,964	73,529	73,661	68,801	129,674	562,362	44,123
Waghamera	274,866	11,294	8,640	17,910	90,668	2,667	11,527	9,752	25,572	93,832	3,005
Awı	660,935	31,029	24,981	46,882	175,029	15,501	30,998	26,971	51,022	243,045	15,478
Oromia	281,362	14,049	7,658	21,648	88,215	2,627	14,658	9,248	26,182	93,295	3,781
Argoba S. W.	20,410	1,133	806	1,601	6,217	134	1,277	793	1,590	6,713	147
Oromia	21,410,978	1,006,594	953,817	1,609,530	5,719,491	272,754	1,074,339	995,395	1,995,998	7,480,620	302,442
West Wellega	898,055	27,336	40,796	62,075	265,098	5,898	33,474	43,931	81,487	327,877	10,083
East Wellega	834,163	32,158	41,022	63,725	246,488	11,305	30,748	38,485	70,428	288,441	11,364
Illubabor	893,207	31,990	44,582	60,096	264,741	5,104	44,220	46,420	81,343	305,534	9,178
Jimma	2,006,467	82,554	93,191	157,997	598,425	6,766	77,422	78,419	204,041	692,247	15,403
West Shewa	1,641,785	58,720	73,966	133,714	500,925	36,233	62,122	74,354	143,962	527,646	30,143
North Shewa	1,410,831	54,889	68,181	96,444	441,986	35,645	46,339	68,630	113,033	460,228	25,455
East Shewa	1,204,478	42,537	51,329	92,792	390,734	27,773	47,894	53,181	108,039	365,870	24,328
Arsi	2,510,936	128,926	89,159	183,674	729,455	47,203	138,894	82,408	217,278	844,721	49,217
West Harerghe	1,247,429	72,537	58,071	101,162	326,591	5,955	81,539	57,599	118,760	412,738	12,476
East Harerghe	1,443,614	93,417	69,092	147,968	256,750	-	98,687	71,591	150,751	542,752	12,605
Bale	1,294,744	64,740	63,166	78,925	379,853	10,276	66,081	67,199	103,882	444,133	16,488
Borena	1,224,163	79,725	52,564	81,262	202,965	*	96,399	66,984	130,787	487,717	*
South West Shewa	821,641	19,103	25,265	56,238	294,241	44,184	20,040	29,992	69,464	248,473	14,640
Guji	1,164,073	62,195	59,796	80,172	212,446	5,370	65,611	69,307	109,546	480,516	19,113
West Arsi	1,861,402	121,906	77,169	138,964	322,344	8,306	125,294	95,915	203,949	745,936	21,620
Kelem Wellega	350,838	13,760	18,363	24,746	109,372	*	15,632	22,036	32,915	109,904	*
Horoguduru Wellega	603,154	20,099	28,105	49,577	177,079	12,996	23,941	28,942	56,334	195,885	10,197

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	640,357	51,135	31,646	34,100	82,227	*	58,583	40,925	49,695	280,800	*
Shinele	37,318	3,639	2,136	2,019	3,141	-	3,030	2,032	4,762	16,523	*
Jijiga	377,363	30,194	18,720	20,510	58,776	*	32,983	24,097	27,956	159,652	*
Liben	225,676	17,303	10,790	11,570	20,310	*	22,570	14,796	16,976	104,625	*
Benshangul-Gumuz	363,590	13,528	18,436	33,210	96,687	3,860	13,567	20,014	33,740	125,876	4,672
Metekel	246,660	9,658	12,592	22,604	63,793	3,508	8,711	14,364	23,313	84,271	3,845
Asosa	65,108	1,652	3,428	6,343	18,909	*	2,511	3,214	4,643	23,793	476
Kemeshi	16,393	484	867	1,458	4,066	-	583	708	2,251	5,975	-
Pawe Special	20,441	943	933	1,609	6,096	185	970	1,093	1,927	6,432	253
Mao Komo	14,989	791	615	1,196	3,823	*	792	635	1,606	5,405	*
SNNP	9,574,677	472,031	447,760	640,608	1,901,593	40,780	534,456	482,342	921,588	4,033,325	100,194
Gurage	1,134,911	56,053	53,455	75,963	139,706	2,937	63,336	58,761	124,933	545,105	14,660
Hadiya	718,717	33,232	35,026	54,090	177,543	3,099	30,153	31,462	57,720	289,719	6,674
Kembata Tembaro	341,541	15,174	14,536	25,167	76,674	1,757	16,716	17,520	27,073	143,185	3,738
Sidama	1,573,283	92,141	87,193	90,149	104,485	*	106,768	94,322	182,493	788,232	25,208
Gedio	116,995	4,408	4,261	10,193	35,340	*	4,757	3,898	8,971	44,076	*
Wolayita	764,999	30,981	37,382	48,029	168,859	*	41,694	44,683	65,278	319,266	8,156
South Omo	818,754	42,938	38,303	72,629	150,953	*	45,582	39,521	79,844	324,788	12,278
Shaka	84,827	5,271	5,629	5,865	15,308	-	4,805	5,642	8,964	33,073	*
Kaffa	934,532	58,692	39,386	63,733	211,687	*	59,265	43,437	100,091	349,731	*
Gamo Gofa	1,058,731	41,797	48,396	66,228	263,664	2,990	53,378	56,607	91,765	423,614	*
Bench Maji	426,598	24,786	18,246	25,568	101,701	*	26,380	19,246	39,913	167,051	*
Yem Sp. Wereda	67,381	1,816	2,033	3,847	23,288	271	1,912	2,287	4,086	27,206	635
Amaro Sp. Wereda	115,045	4,900	3,575	7,851	34,758	*	5,714	4,625	10,661	42,387	*
Burji Sp. Wereda	45,973	1,990	1,652	2,531	18,571	445	2,108	1,545	2,733	13,976	421
Konso Sp. Wereda	146,041	6,166	4,635	10,809	45,066	3,596	9,903	5,453	12,313	45,918	2,184
Derashe Sp. Wereda	60,659	1,547	2,299	3,805	26,817	*	1,264	2,159	3,554	17,959	360
Dawro	332,490	16,522	15,253	24,142	76,710	*	16,255	14,913	33,475	132,778	2,157
Basketo Sp. Wereda	34,585	1,475	1,391	2,728	10,526	77	1,376	1,530	3,182	12,119	180
Konta Sp. Wereda	71,212	3,215	4,626	4,657	18,951	*	3,507	4,084	6,742	25,279	*
Silte	544,392	20,267	24,470	32,395	145,759	*	29,288	23,663	46,372	215,617	4,284
Alaba Sp. Wereda	183,011	8,660	6,014	10,228	55,229	940	10,294	6,985	11,424	72,244	993
Gambela Region	212,591	12,966	10,061	19,718	23,036	1,104	14,821	12,817	28,402	85,832	3,834
Angnuwak	30,410	1,797	1,441	2,724	6,121	*	1,290	1,363	3,880	11,690	*
Nuware	112,871	6,485	4,837	12,439	12,334	-	8,284	6,343	16,794	45,166	*
Mezhenger	17,921	1,677	1,220	1,232	791	-	1,244	1,407	1,754	8,549	*
Itang Special	51,389	3,007	2,564	3,322	3,789	1,070	4,003	3,704	5,974	20,426	3,530
Harari	40,775	2,004	2,031	3,950	7,028	-	2,271	2,203	4,791	16,004	493
Hundene	40,775	2,004	2,031	3,950	7,028	-	2,271	2,203	4,791	16,004	493
Dire Dawa	49,838	4,404	2,283	4,967	6,780	-	3,997	1,813	5,754	19,157	683

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	26,117,272	3,248,091	1,163,234	933,101	1,542,074	3,488,149	1,516,324	1,989,455	12,236,844
Tigray	1,388,104	135,656	78,194	48,846	78,016	134,536	110,577	136,919	665,360
North West Tigray	79,967	7,411	3,741	3,399	5,799	8,427	6,671	6,750	37,771
Central Tigray	318,478	29,121	24,092	12,460	21,877	28,703	30,179	29,161	142,885
Eastern Tigray	604,471	63,653	28,276	19,094	23,528	57,496	41,933	53,367	317,124
Southern Tigray	333,976	28,562	20,122	11,716	23,424	34,007	28,410	43,965	143,769
Western Tigray	51,211	6,909	*	*	3,388	5,904	3,384	3,676	23,811
Afar	353,418	25,606	19,430	15,543	28,549	40,402	34,490	38,853	150,547
Zone 1	209,622	14,059	10,141	8,288	15,899	22,702	18,806	22,884	96,844
Zone 3	143,796	11,547	9,289	7,255	12,650	17,699	15,684	15,969	53,703
Amhara	9,469,746	1,159,109	381,634	315,752	587,507	1,199,990	474,485	623,624	4,727,644
North Gonder	959,969	125,881	29,452	23,795	32,004	138,511	52,984	66,595	490,748
South Gonder	834,443	117,482	36,000	14,279	25,015	119,965	40,392	47,388	433,921
North Wolo	1,083,949	86,720	49,196	25,233	116,499	106,252	61,465	88,702	549,884
South Wolo	2,370,205	259,098	116,907	142,494	218,970	272,815	107,085	127,310	1,125,526
North Shewa	1,128,501	116,079	48,340	47,021	99,983	125,571	47,249	70,957	573,301
East Gojam	1,509,635	223,488	37,222	24,049	30,096	203,377	79,891	106,623	804,888
West Gojam	955,394	142,658	42,165	21,946	32,528	140,262	52,166	76,031	447,638
Waghamera	133,707	10,675	5,081	6,689	13,433	11,039	7,157	8,630	71,001
Awi	454,332	71,962	13,547	7,094	12,772	79,404	24,603	29,507	215,442
Oromia	39,005	5,000	3,611	3,105	6,062	2,760	1,483	1,870	15,113
Argoba Special	606	66	112	46	145	*	*	*	181
Oromia	9,401,844	1,325,674	409,175	318,824	436,957	1,439,388	525,924	691,704	4,254,199
West Wellega	289,569	45,823	9,104	7,968	11,942	55,711	14,744	16,726	127,550
East Wellega	271,817	43,536	16,693	9,329	9,477	40,127	23,006	21,273	108,376
Illubabor	441,313	64,674	16,415	9,660	20,492	62,227	28,349	28,812	210,685
Jimma	894,719	133,955	40,033	31,534	32,178	127,983	44,409	68,568	416,058
West Shewa	940,417	154,160	18,725	13,049	17,661	170,330	31,693	62,558	472,241
North Shewa	1,097,102	150,075	36,376	30,361	50,125	176,866	36,360	53,093	563,845
East Shewa	702,544	81,221	53,986	44,820	42,887	79,808	54,111	74,541	271,171
Arsi	1,651,661	252,096	64,290	40,520	83,859	275,615	91,947	122,028	721,306
West Harerghe	214,017	29,702	9,288	9,185	7,385	32,481	11,627	14,659	99,691
East Harerghe	365,252	38,032	22,069	25,325	29,182	42,769	24,352	33,779	149,742
Bale	264,470	44,276	10,921	6,723	9,358	46,443	10,353	13,495	122,901
Borena	241,584	22,952	11,559	10,576	25,669	24,914	15,723	22,138	108,053
South West Shewa	238,945	32,077	12,854	9,103	10,142	37,715	12,244	14,385	110,425
Guji	395,423	41,804	22,794	13,145	33,492	47,520	23,542	29,694	183,430
West Arsi	967,126	126,888	42,523	42,564	38,705	152,497	74,440	82,874	406,636
Kelem Wellega	217,697	31,958	12,961	8,026	6,083	32,217	14,907	16,196	95,349
Horoguduru Wellega	208,189	32,445	8,584	6,937	8,318	34,164	14,118	16,885	86,738

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	1,306,061	106,059	74,752	70,133	180,617	133,015	111,362	124,279	505,845
Shinele	218,817	15,886	13,063	13,471	25,485	23,528	23,188	24,949	79,247
Jijiga	855,835	68,936	48,592	46,799	128,369	84,886	71,057	81,727	325,468
Liben	231,409	21,237	13,097	9,863	26,762	24,601	17,117	17,603	101,130
Benshangul-Gumuz	85,274	14,005	2,752	3,648	4,359	12,677	5,230	7,817	34,786
Metekel	42,568	6,944	1,144	1,583	2,394	6,498	1,965	3,068	18,972
Asosa	18,593	2,747	719	1,068	*	2,083	1,427	1,729	7,944
Kemeshi	11,767	1,989	389	637	821	1,864	618	1,193	4,256
Pawe Special	2,578	380	98	105	74	508	154	411	849
Mao komo	9,769	1,945	401	256	196	1,724	1,065	1,416	2,765
SNNP	4,000,053	469,416	189,971	151,142	218,236	515,277	245,785	353,103	1,857,123
Gurage	466,514	57,184	12,889	10,659	12,773	71,906	22,452	35,870	242,782
Hadiya	277,483	33,946	12,536	8,155	9,624	37,790	20,370	25,636	129,426
Kembata Tembaro	112,323	12,544	8,024	5,706	6,347	12,462	7,962	8,543	50,735
Sidama	429,562	52,444	22,487	13,367	13,977	59,811	27,102	35,700	204,674
Gedio	181,231	23,413	11,397	7,990	6,871	20,911	13,335	15,275	82,039
Wolayita	220,150	25,756	16,498	11,091	9,408	28,828	14,888	23,732	89,949
South Omo	420,389	32,045	26,890	31,846	48,614	37,042	31,264	51,684	161,004
Shaka	52,211	7,649	2,607	771	1,432	7,418	3,938	4,658	23,738
Kaffa	473,743	69,974	12,869	10,169	10,821	73,084	21,875	29,300	245,650
Gamo Gofa	368,215	37,744	13,369	15,025	19,655	41,722	23,654	43,850	173,195
Bench Maji	196,685	20,759	7,906	5,240	10,183	18,729	12,793	17,980	103,095
Yem Sp. Wereda	30,856	3,898	1,569	785	496	4,114	1,691	2,650	15,653
Amaro Sp. Wereda	41,794	3,844	1,614	2,650	4,016	4,714	3,132	4,331	17,493
Burji Sp. Wereda	4,868	538	*	148	604	521	208	369	2,271
Konso Sp. Wereda	141,070	10,253	5,570	8,628	29,402	13,067	8,695	13,161	52,295
Derashe Sp. Wereda	21,918	1,729	1,123	1,364	4,969	1,017	1,036	1,317	9,363
Dawro	106,163	14,167	9,761	3,981	5,852	13,206	7,154	10,895	41,147
Basketo Sp. Wereda	12,515	1,302	336	190	410	1,672	1,130	1,094	6,381
Konta Sp. Wereda	16,457	2,379	1,969	1,270	1,514	1,766	892	1,263	5,404
Silte	367,518	50,562	18,273	10,767	17,564	57,969	17,849	22,629	171,904
Alaba Sp. Wereda	58,388	7,284	2,075	1,340	3,703	7,529	4,365	3,166	28,926
Gambela Region	48,114	4,853	3,204	*	4,156	5,152	4,031	6,359	16,040
Angnuwak	*	*	*	*	173	317	*	*	1,120
Nuware	23,351	1,686	1,993	*	*	2,124	2,099	3,969	5,993
Mezhenger	8,816	1,789	479	400	456	1,189	418	524	3,562
Itang Special	13,593	1,118	637	509	1,387	1,522	1,419	1,638	5,364
Harari	5,035	425	287	431	434	472	316	644	2,025
Hundene	5,035	425	287	431	434	472	316	644	2,025
Dire Dawa	59,623	7,288	3,836	4,464	3,243	7,239	4,125	6,154	23,275

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	21,709,428	2,460,318	1,219,454	1,070,525	1,901,116	2,698,729	1,548,946	1,863,038	8,947,302
Tigray	3,005,463	278,509	170,153	155,987	250,731	309,250	245,814	293,398	1,301,620
North West Tigray	903,196	94,384	47,238	40,234	73,002	111,707	68,030	92,408	376,194
Central Tigray	1,237,653	95,193	79,765	83,302	117,337	106,799	102,819	118,618	533,820
Eastern Tigray	201,410	17,207	11,010	7,432	11,964	16,496	21,914	20,888	94,500
Southern Tigray	385,890	35,521	19,923	13,919	27,865	40,295	30,055	39,000	179,312
Western Tigray	277,314	36,204	12,217	11,100	20,563	33,954	22,997	22,484	117,795
Afar	599,828	42,949	29,865	25,120	44,017	75,908	59,045	70,397	252,527
Zone 1	345,432	21,255	14,245	12,899	23,809	38,930	30,889	38,646	164,759
Zone 3	254,396	21,694	15,620	12,221	20,208	36,977	28,156	31,751	87,768
Amhara	5,468,624	644,993	303,113	274,855	527,585	687,316	345,711	415,509	2,269,542
North Gonder	1,281,298	185,087	85,390	58,283	72,640	172,161	81,254	113,596	512,887
South Gonder	736,524	93,168	30,641	29,485	53,833	103,612	51,463	53,004	321,320
North Wolo	543,677	48,282	27,026	29,763	56,745	56,394	40,378	48,396	236,693
South Wolo	701,007	77,061	38,062	38,798	98,638	75,995	35,400	42,645	294,408
North Shewa	717,460	70,381	38,200	54,379	118,101	76,802	40,930	44,610	274,057
East Gojam	392,831	54,181	20,957	13,619	27,325	63,860	27,160	27,325	158,405
West Gojam	354,905	45,038	18,150	13,929	25,083	55,016	22,542	23,483	151,665
Waghamera	396,670	25,373	21,419	22,670	50,359	31,958	23,223	37,852	183,816
Awi	112,215	17,731	8,966	5,470	6,612	18,200	6,962	7,159	41,117
Oromia	209,776	25,516	12,955	7,299	16,027	30,206	14,937	16,002	86,833
Argoba Special	22,261	3,177	1,347	1,159	2,225	3,113	1,464	1,437	8,341
Oromia	7,685,529	1,016,363	440,445	332,004	558,435	1,051,729	542,475	629,447	3,114,631
West Wellega	115,354	19,918	7,895	5,534	5,154	15,494	8,207	8,484	44,667
East Wellega	157,806	29,413	7,776	4,355	4,751	29,473	9,540	13,382	59,117
Illubabor	188,724	32,652	11,156	5,791	6,368	31,992	13,931	22,302	64,533
Jimma	248,049	34,320	11,493	9,752	11,652	31,913	20,644	13,692	114,581
West Shewa	320,114	67,809	11,133	9,874	17,747	45,789	21,732	29,996	116,033
North Shewa	252,947	43,094	11,925	10,539	18,196	45,142	11,152	13,345	99,554
East Shewa	733,537	76,172	59,715	*	53,097	85,396	60,823	83,986	268,802
Arsi	718,810	96,588	36,505	24,330	55,577	103,031	48,130	56,804	297,846
West Harerghe	980,004	128,127	49,619	48,649	80,320	132,097	63,837	72,486	404,870
East Harerghe	1,292,484	148,267	80,646	70,901	107,677	161,307	97,582	104,825	521,279
Bale	794,277	102,725	38,922	24,456	52,568	112,189	52,539	48,788	362,090
Borena	676,890	70,192	38,376	29,532	62,841	83,038	54,891	69,050	268,969
South West Shewa	200,461	27,668	12,767	9,775	22,086	29,097	12,969	16,287	69,813
Guji	427,338	50,096	29,853	12,925	33,440	54,112	29,621	27,288	190,003
West Arsi	341,134	50,967	17,216	11,024	16,869	51,187	22,318	29,906	141,648
Kelem Wellega	131,823	22,757	9,321	5,212	*	21,399	8,910	10,496	48,779
Horoguduru Wellega	105,775	15,599	6,128	3,807	5,142	19,073	5,647	8,331	42,048

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	1,703,290	138,315	98,849	100,699	225,102	180,285	133,582	160,750	665,710
Shinele	548,925	41,506	36,161	*	64,523	58,224	53,751	68,303	191,074
Jijiga	642,017	55,283	33,812	37,429	104,211	70,077	42,912	52,077	246,216
Liben	512,348	41,526	28,876	27,886	56,368	51,984	36,919	40,370	228,420
Benshangul-Gumuz	371,500	49,164	21,234	15,747	23,219	56,854	31,389	36,474	137,418
Metekel	158,805	24,207	9,891	6,823	8,409	27,691	11,792	12,590	57,401
Asosa	145,076	16,317	6,772	5,830	11,053	19,013	12,699	16,815	56,577
Kemeshi	52,534	6,029	3,818	2,713	3,257	7,277	5,560	5,665	18,214
Pawe Special	2,515	309	244	57	107	369	277	211	942
Mao Komo	12,569	2,301	510	324	392	2,504	1,061	1,194	4,284
SNNP	2,624,588	260,711	141,935	153,656	256,532	305,189	172,825	230,113	1,103,627
Gurage	150,904	18,737	6,521	9,982	12,776	19,341	7,762	10,503	65,283
Hadiya	106,058	11,851	6,402	5,183	*	10,132	8,635	9,612	49,135
Kembata Tembaro	50,667	6,138	2,482	1,645	1,197	7,092	4,658	5,071	22,383
Sidama	153,125	20,874	6,790	8,499	11,792	23,197	11,743	8,194	62,035
Gedio	*	*	*	*	*	*	*	770	*
Wolayita	112,550	14,837	*	4,969	5,012	17,052	6,788	9,981	46,479
South Omo	878,172	63,456	54,981	67,959	103,315	81,720	58,759	89,989	357,993
Shaka	9,468	1,478	733	263	697	983	674	850	3,791
Kaffa	147,797	16,767	5,587	5,311	5,793	26,184	8,545	10,350	69,260
Gamo Gofa	229,327	23,160	10,479	10,626	22,009	26,642	14,795	20,250	101,368
Bench Maji	68,023	5,995	5,097	4,003	4,585	5,852	5,492	7,969	29,031
Yem Sp. Wereda	19,644	2,566	972	107	488	3,016	1,252	1,849	9,393
Amaro Sp. Wereda	74,588	8,587	3,965	2,910	7,321	9,796	4,858	5,363	31,789
Burji Sp. Wereda	30,610	3,821	1,394	1,278	3,859	3,386	1,596	2,069	13,209
Konso Sp. Wereda	267,938	21,834	13,737	16,092	44,422	28,533	16,666	23,297	103,357
Derashe Sp. Wereda	74,857	6,269	3,552	5,116	12,730	6,678	3,933	5,756	30,823
Dawro	51,755	7,838	3,869	2,711	3,200	6,977	3,868	3,837	19,454
Basketo Sp. Wereda	*	*	360	*	*	*	*	850	*
Konta Sp. Wereda	11,873	1,621	844	548	603	2,006	843	1,137	4,272
Silte	99,560	15,709	2,997	3,229	5,850	15,149	6,578	7,321	42,728
Alaba Sp. Wereda	66,221	6,377	3,279	*	4,446	9,291	3,362	5,095	32,038
Gambela Region	54,638	5,268	3,086	3,311	4,456	6,869	5,243	7,308	19,097
Angnuwak	12,571	1,663	500	617	444	1,791	1,058	907	5,591
Nuware	27,601	2,197	1,927	*	2,664	3,213	2,689	4,654	8,184
Mezhenger	1,169	*	*	122	*	168	*	*	428
Itang Special	13,297	1,310	606	500	1,169	1,697	1,422	1,699	4,894
Harari	41,226	4,519	2,661	2,431	2,423	4,946	3,005	3,000	18,241
Hundene	41,226	4,519	2,661	2,431	2,423	4,946	3,005	3,000	18,241
Dire Dawa	154,743	19,527	8,113	6,716	8,617	20,382	9,857	16,641	64,890

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	1,775,794	174,924	665,960	197,385	737,524	5,572,931	622,295	1,780,997	591,983	2,577,655
Tigray	*	*	3,923	*	*	462,497	53,019	193,374	50,551	165,553
North West Tigray	-	-	-	-	-	71,149	7,887	25,307	8,651	29,304
Central Tigray	-	-	-	-	-	135,312	15,609	49,554	17,061	53,088
Eastern Tigray	*	*	*	-	-	88,435	13,313	35,130	8,845	31,147
Southern Tigray	*	*	*	*	*	131,674	15,372	55,251	14,068	46,983
Western Tigray	*	*	*	*	*	35,927	838	28,132	1,925	5,032
Afar	*	-	*	-	-	32,897	4,312	10,776	5,726	12,084
Zone 1	*	-	*	-	-	12,505	1,079	4,031	1,462	5,933
Zone 3	-	-	-	-	-	20,392	*	6,745	*	6,151
Amhara	304,004	24,216	98,618	31,482	149,687	1,804,408	259,406	508,893	251,538	784,571
North Gondar	39,772	*	12,503	4,419	19,079	234,250	32,994	73,502	29,204	98,550
South Gondar	14,982	*	4,674	*	7,580	215,634	34,700	33,465	36,885	110,585
North Wolo	33,508	*	7,866	*	18,686	171,602	27,235	39,349	26,943	78,075
South Wolo	68,215	4,068	14,608	7,226	42,313	340,490	50,412	109,075	41,731	139,272
North Shewa	23,499	*	*	*	12,118	279,757	36,924	99,224	30,212	113,398
East Gojam	50,419	5,276	18,519	5,033	21,590	248,379	35,302	59,207	37,133	116,736
West Gojam	*	-	*	*	*	172,570	22,822	48,430	30,140	71,178
Waghamera	*	-	-	-	*	58,481	7,511	19,817	5,411	25,741
Awi	56,453	2,888	29,766	5,524	18,275	49,563	7,263	17,199	8,070	17,031
Oromia	*	-	*	-	-	31,859	4,058	9,119	5,534	13,148
Argoba Special	-	-	-	-	-	1,823	186	508	274	855
Oromia	1,111,943	117,936	420,115	132,880	441,012	2,197,828	252,984	840,802	236,244	867,798
West Wellega	*	*	*	*	*	101,998	11,211	29,329	13,275	48,184
East Wellega	*	*	*	-	*	75,463	10,776	21,487	9,627	33,573
Illubabor	41,735	1,822	10,691	5,359	23,863	18,362	2,678	8,875	1,794	5,015
Jimma	85,192	5,559	29,285	10,187	40,160	52,663	*	31,647	5,304	12,783
West Shewa	158,697	21,684	63,146	23,213	50,654	117,955	14,075	45,922	13,938	44,019
North Shewa	96,748	13,881	26,922	9,801	46,145	193,810	28,356	55,500	26,595	83,358
East Shewa	13,922	*	10,626	*	*	254,834	27,232	104,854	23,765	98,983
Arsi	238,094	24,035	80,604	28,203	105,251	300,601	37,800	107,351	30,710	124,741
West Harerghe	*	*	*	*	*	183,068	21,601	77,525	23,030	60,913
East Harerghe	*	-	-	-	*	214,940	25,360	100,587	16,731	72,262
Bale	32,334	*	19,013	*	*	188,114	16,975	79,755	15,824	75,561
Borena	2,023	*	*	*	*	55,411	3,961	25,674	3,168	22,608
South West Shewa	40,996	2,255	25,291	3,030	10,419	125,612	14,123	50,427	12,623	48,439
Guji	140,720	14,757	53,758	15,426	56,779	55,816	7,042	21,441	6,082	21,253
West Arsi	211,731	24,041	82,491	28,645	76,555	179,831	19,942	53,557	23,165	83,167
Kelem Wellega	*	*	*	*	*	29,282	2,888	12,393	3,348	10,652
Horoguduru Wellega	27,810	3,491	11,492	3,880	8,947	50,067	6,035	14,479	7,265	22,288

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	*	-	-	-	*	*	12,677	42,001	8,632	*
Shinele	-	-	-	-	-	16,896	2,279	6,284	2,373	5,960
Jijiga	-	-	-	-	-	54,196	6,683	22,436	3,516	21,561
Liben	*	-	-	-	*	*	3,714	13,281	2,743	*
Benshangul-Gumuz	280	140	140	-	-	50,738	4,888	28,595	3,933	13,322
Metekel	280	140	140	-	-	21,076	1,387	15,661	742	3,287
Asosa	-	-	-	-	-	21,230	2,933	7,540	2,583	8,175
Kemeshi	-	-	-	-	-	5,741	*	4,242	*	989
Pawe Specila	-	-	-	-	-	367	72	71	73	152
Mao Komo	-	-	-	-	-	2,325	282	1,082	242	720
SNNP	346,335	31,620	142,794	31,955	139,966	364,985	32,383	147,820	32,793	151,988
Gurage	78,200	8,229	16,818	10,809	42,344	50,692	3,445	23,774	4,958	18,514
Hadiya	27,260	1,821	9,448	4,118	11,873	57,080	5,047	16,129	6,801	29,103
Kembata Tembaro	6,388	*	3,797	*	1,952	18,175	1,332	12,028	657	4,158
Sidama	50,534	*	29,777	1,859	13,987	66,752	*	29,862	4,783	24,553
Gedio	17,087	*	11,348	*	5,115	*	-	*	-	-
Wolayita	*	-	*	-	*	24,707	1,556	17,169	*	*
South Omo	18,379	1,702	8,641	1,546	6,490	9,873	940	2,561	1,652	4,721
Shaka	4,711	*	3,035	511	*	1,458	*	1,345	-	*
Kaffa	58,268	5,718	30,145	5,319	17,086	*	-	*	-	*
Gamo Gofa	20,238	2,504	7,351	1,821	8,562	18,513	*	5,944	2,539	8,775
Bench Maji	11,656	1,196	2,655	1,236	6,570	*	-	*	-	-
Yem Sp. Wereda	732	*	273	*	313	2,717	162	980	227	1,349
Amaro Sp. Wereda	3,265	268	991	*	1,603	1,167	-	957	-	*
Burji Sp. Wereda	-	-	-	-	-	4,415	440	2,019	342	1,614
Konso Sp. Wereda	-	-	-	-	-	6,492	629	3,257	*	2,467
Derashe Sp. Wereda	*	-	*	*	*	12,537	437	9,100	347	2,652
Dawro	6,724	370	2,212	*	3,704	2,655	*	1,537	*	782
Basketo Sp. Wereda	378	*	251	*	*	*	-	*	*	*
Konta Sp. Wereda	1,137	*	626	*	*	*	-	*	-	-
Silte	32,735	3,265	11,292	2,959	15,220	53,677	6,211	11,385	6,251	29,830
Alaba Sp. Wereda	4,438	*	1,955	*	2,022	28,449	3,150	4,883	3,015	17,400
Gambela Region	336	-	336	-	-	*	*	*	-	*
Angnuwak	-	-	-	-	-	*	-	*	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	336	-	336	-	-	*	-	*	-	-
Itang Special	-	-	-	-	-	*	*	-	-	*
Harari	-	-	-	-	-	8,328	415	4,665	459	2,790
Hundene	-	-	-	-	-	8,328	415	4,665	459	2,790
Dire Dawa	-	-	-	-	-	14,083	2,203	3,719	2,107	6,054

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	376,682	23,023	163,023	27,842	162,794	1,009,040	135,713	231,843	169,963	471,521
Tigray	6,665	*	*	*	3,021	34,448	3,957	29,346	*	*
North West Tigray	*	-	-	-	*	6,956	-	6,230	-	*
Central Tigray	*	-	-	-	*	4,860	*	4,439	-	*
Eastern Tigray	*	-	*	-	-	3,671	*	*	-	-
Southern Tigray	*	-	*	*	2,143	16,984	*	13,206	*	-
Western Tigray	950	*	691	-	*	1,977	-	1,977	-	-
Afar	*	-	*	-	*	142,357	16,405	28,131	*	52,349
Zone 1	-	-	-	-	-	54,068	4,199	11,978	9,370	28,521
Zone 3	*	-	*	-	*	*	*	*	*	23,828
Amhara	135,908	11,147	51,643	14,544	58,574	47,026	12,023	34,515	*	*
North Gondar	10,350	-	4,424	-	5,926	-	-	-	-	-
South Gondar	18,148	*	8,603	*	7,995	-	-	-	-	-
North Wolo	19,253	2,244	6,228	1,863	8,918	13,772	*	12,503	-	-
South Wolo	48,650	4,732	13,650	7,951	22,315	*	*	*	-	-
North Shewa	8,179	*	4,746	*	1,917	*	*	*	-	-
East Gojam	8,630	*	*	*	3,084	-	-	-	-	-
West Gojam	13,528	*	4,957	2,063	5,505	-	-	-	-	-
Waghamera	3,216	-	1,330	-	1,886	-	-	-	-	-
Awi	5,610	*	3,288	713	917	-	-	-	-	-
Oromia	*	-	*	*	*	11,255	3,179	7,638	*	*
Argoba Special	*	-	*	-	-	1,389	182	1,158	*	*
Oromia	180,364	8,948	80,709	10,473	80,234	447,688	63,137	62,254	77,636	244,660
West Wellega	5,676	-	2,833	-	2,844	-	-	-	-	-
East Wellega	2,954	-	*	-	2,341	-	-	-	-	-
Illubabor	10,587	*	4,039	*	5,860	-	-	-	-	-
Jimma	33,093	*	9,094	3,018	20,598	-	-	-	-	-
West Shewa	11,355	*	3,481	*	5,636	-	-	-	-	-
North Shewa	9,145	2,103	2,642	2,192	2,207	-	-	-	-	-
East Shewa	9,641	*	8,768	-	*	*	*	*	*	*
Arsi	25,280	*	12,045	*	11,738	*	*	*	*	*
West Harerghe	3,364	*	1,141	-	*	22,047	*	*	6,340	10,140
East Harerghe	-	-	-	-	-	*	*	*	*	*
Bale	18,179	*	9,445	*	8,306	36,036	4,800	12,059	4,867	14,310
Borena	5,486	-	4,034	-	1,453	97,131	11,685	11,825	19,022	54,600
South West Shewa	9,386	*	3,417	*	5,108	-	-	-	-	-
Guji	17,234	1,280	10,575	*	4,964	48,662	8,808	*	*	25,099
West Arsi	5,439	*	*	*	2,590	-	-	-	-	-
Kelem Wellega	9,911	*	4,974	*	3,067	-	-	-	-	-
Horoguduru Wellega	3,634	*	2,192	-	1,261	-	-	-	-	-

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	*	-	*	-	*	330,563	38,994	76,015	45,013	170,541
Shinele	-	-	-	-	-	27,728	3,391	8,082	3,843	12,412
Jijiga	-	-	-	-	-	81,221	9,353	24,013	12,180	35,675
Liben	*	-	*	-	*	221,614	26,250	43,920	28,990	122,454
Benshangul-Gumuz	682	-	411	-	271	-	-	-	-	-
Metekel	276	-	137	-	140	-	-	-	-	-
Asosa	*	-	*	-	*	-	-	-	-	-
Kemeshi	*	-	*	-	-	-	-	-	-	-
Pawe Special	*	-	*	-	-	-	-	-	-	-
Mao komo	*	-	*	-	63	-	-	-	-	-
SNNP	52,456	2,834	26,771	2,501	20,350	*	*	*	-	-
Gurage	2,886	*	*	-	1,650	-	-	-	-	-
Hadiya	6,700	*	3,807	*	2,230	-	-	-	-	-
Kembata Tembaro	1,850	*	1,189	-	443	-	-	-	-	-
Sidama	*	-	-	-	*	-	-	-	-	-
Gedio	4,642	-	3,386	-	1,256	-	-	-	-	-
Wolayita	*	-	*	-	*	-	-	-	-	-
South Omo	3,876	*	1,641	*	1,889	-	-	-	-	-
Shaka	818	-	*	-	325	-	-	-	-	-
Kaffa	9,320	-	6,126	*	3,026	-	-	-	-	-
Gamo Gofa	5,583	*	1,570	*	2,770	-	-	-	-	-
Bench Maji	1,976	-	*	*	*	-	-	-	-	-
Yem Sp. Wereda	*	*	*	-	*	-	-	-	-	-
Amaro Sp. Wereda	1,025	*	343	*	435	-	-	-	-	-
Burji Sp. Wereda	151	-	*	-	102	*	*	*	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Dawro	5,237	*	2,600	351	1,936	-	-	-	-	-
Basketo Sp. Wereda	453	*	233	-	203	-	-	-	-	-
Konta Sp. Wereda	510	*	278	*	143	-	-	-	-	-
Silte	3,833	*	1,458	652	1,388	-	-	-	-	-
Alaba Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Gambela Region	*	-	*	-	*	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	-	*	-	*	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	*	*	*	*	*
Hundene	-	-	-	-	-	*	*	*	*	*
Dire Dawa	-	-	-	-	-	5,060	760	1,516	977	1,807

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	29,667,352	11,425,923	331,511	489,668	452,821	7,198,027	113,726	62,233	8,614,606	978,835
Tigray	1,959,592	895,536	1,861	20,020	5,432	96,509	6,654	*	912,067	14,363
North West Tigray	465,334	190,042	*	6,503	*	3,008	*	*	260,118	*
Central Tigray	501,923	269,138	*	3,336	1,210	47,081	3,312	-	174,480	*
Eastern Tigray	244,153	117,447	*	1,147	*	6,406	1,318	*	112,628	3,208
Southern Tigray	447,869	229,130	*	1,229	*	32,953	742	-	175,136	6,583
Western Tigray	300,313	89,779	567	7,804	800	*	*	*	189,705	*
Afar	226,873	11,586	*	20,363	*	95,711	*	*	96,567	1,033
Zone 1	133,144	6,047	*	7,702	*	64,005	*	-	54,369	*
Zone 3	93,729	5,539	*	12,661	*	31,705	-	*	42,198	*
Amhara	7,602,431	3,704,000	29,890	78,586	94,521	384,088	53,652	8,434	3,064,369	184,891
North Gonder	1,274,553	561,666	*	17,831	14,678	*	2,689	*	603,741	14,132
South Gonder	845,052	436,367	*	*	*	41,393	17,651	-	326,174	14,247
North Wolo	614,665	263,236	*	*	6,570	13,063	6,407	*	297,261	*
South Wolo	1,102,447	556,883	*	*	*	100,688	3,770	-	410,333	*
North Shewa	800,419	468,544	4,529	2,407	11,186	51,313	1,846	*	232,088	26,608
East Gojam	991,955	510,747	10,067	8,324	9,265	27,891	9,533	*	397,672	16,999
West Gojam	1,176,326	564,153	10,139	8,048	31,625	48,741	8,870	2,481	429,355	72,915
Waghamera	184,500	88,906	*	*	*	*	*	*	87,615	*
Awi	418,074	163,405	1,441	*	6,467	22,121	1,786	*	202,353	16,217
Oromia	181,510	83,986	-	*	2,039	16,789	*	533	71,468	4,400
Argoba Special	12,930	6,106	*	*	*	256	-	-	6,309	148
Oromia	13,200,110	5,073,749	203,448	255,030	187,265	3,418,794	39,618	21,778	3,698,849	301,581
West Wellega	592,974	231,409	*	*	2,894	113,353	862	*	200,675	11,921
East Wellega	534,928	227,316	*	15,729	1,557	47,511	2,367	*	229,177	8,983
Illubabor	570,275	244,103	2,856	*	14,794	140,263	1,913	*	141,511	20,520
Jimma	1,290,672	567,769	9,754	*	13,800	312,960	*	*	346,050	31,451
West Shewa	1,028,571	470,075	7,270	5,021	18,559	207,746	3,281	*	298,046	17,619
North Shewa	902,214	406,593	8,614	13,997	12,782	181,062	*	*	258,576	16,104
East Shewa	756,604	360,951	4,160	16,442	9,181	148,615	2,509	820	200,021	13,905
Arsi	1,574,176	662,533	12,900	15,615	38,407	434,993	5,707	3,919	342,044	58,058
West Harerghe	739,330	282,822	37,496	3,975	*	127,095	*	-	278,509	*
East Harerghe	799,502	192,611	52,383	10,346	*	305,297	*	*	226,734	6,939
Bale	823,987	358,268	2,216	4,344	15,025	387,714	2,118	*	31,120	22,563
Borena	690,681	109,039	30,450	46,933	*	117,749	*	1,879	342,757	*
South West Shewa	542,714	278,633	2,429	5,138	8,040	123,957	1,087	*	111,762	11,013
Guji	692,962	145,749	7,980	48,194	*	257,750	*	*	215,199	*
West Arsi	1,068,280	266,496	16,673	27,414	11,761	462,899	4,567	*	237,626	38,825
Kelem Wellega	219,277	107,286	*	808	*	29,108	*	*	78,868	1,194
Horoguduru Wellega	372,964	162,098	*	4,961	8,816	20,722	2,985	*	160,173	11,460

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	363,027	54,520	5,387	21,531	*	129,702	*	*	147,901	2,045
Shinele	19,665	1,620	832	690	-	10,438	-	-	5,877	*
Jijiga	218,428	48,993	*	7,888	-	80,069	*	-	79,236	*
Liben	124,935	3,908	2,659	12,953	*	39,195	*	*	62,788	1,605
Benshangul-Gumuz	222,564	91,975	1,378	3,036	298	33,774	794	*	87,029	3,873
Metekel	148,064	60,404	1,147	2,242	-	23,183	256	74	58,688	2,072
Asosa	42,702	18,372	*	*	-	5,170	*	-	16,982	*
Kemeshi	10,041	3,788	-	*	-	3,178	-	*	2,433	*
Pawe Special	12,528	5,728	*	*	298	823	118	-	5,112	379
Mao Komo	9,228	3,685	-	138	-	1,421	113	-	3,815	*
SNNP	5,934,918	1,576,667	80,249	81,858	162,818	2,962,377	12,170	22,070	569,195	467,514
Gurage	684,811	114,489	1,814	3,458	19,945	403,994	2,719	*	37,162	100,510
Hadiya	467,262	146,368	*	*	27,733	220,206	*	*	12,829	55,949
Kembata Tembaro	219,859	63,279	*	*	11,790	107,060	*	-	*	33,545
Sidama	892,717	59,967	19,198	18,739	6,582	661,274	*	*	44,185	71,687
Gedio	79,416	7,380	25,540	*	*	20,817	-	4,415	16,017	*
Wolayita	488,124	142,290	*	2,479	23,393	229,925	*	*	16,558	71,474
South Omo	475,741	109,260	*	25,657	*	202,565	*	*	107,699	*
Shaka	48,381	13,447	*	419	620	24,648	*	*	7,744	*
Kaffa	561,418	203,812	5,033	*	*	218,409	*	710	126,516	*
Gamo Gofa	687,278	229,231	3,309	6,851	24,273	318,131	*	*	57,238	46,128
Bench Maji	268,752	99,608	*	*	*	131,506	*	*	32,728	*
Yem Sp. Wereda	50,494	20,943	346	*	1,971	13,284	-	*	9,444	4,427
Amaro Sp. Wereda	77,145	28,823	4,181	1,708	*	24,407	-	-	17,786	*
Burji Sp. Wereda	32,547	16,800	172	817	783	6,981	*	*	5,538	1,287
Konso Sp. Wereda	90,984	35,163	6,139	2,770	*	32,465	*	*	12,594	*
Derashe Sp. Wereda	44,776	21,593	1,134	2,232	1,858	8,904	*	*	6,951	1,919
Dawro	209,488	59,377	1,775	4,660	10,898	97,152	1,252	1,126	17,870	15,378
Basketo Sp. Wereda	22,645	9,068	*	162	631	8,741	*	*	1,905	1,184
Konta Sp. Wereda	44,231	18,202	*	487	*	21,631	192	*	2,843	523
Silte	361,376	128,752	*	2,687	13,864	160,410	-	*	21,288	33,429
Alaba Sp. Wereda	127,473	48,818	507	2,084	3,820	49,869	*	-	11,824	9,141
Gambela Region	108,867	6,146	7,442	8,762	685	62,398	*	*	20,473	*
Angnuwak	17,811	5,169	*	*	-	9,589	*	*	*	*
Nuware	57,501	*	4,777	7,129	*	29,507	*	*	13,383	*
Mezhenger	9,340	720	*	-	-	7,913	-	-	610	*
Itang Special	24,215	93	1,747	1,529	420	15,390	*	52	4,506	454
Harari	23,033	6,078	551	269	131	5,885	*	*	8,889	1,087
Hundene	23,033	6,078	551	269	131	5,885	*	*	8,889	1,087
Dire Dawa	25,936	5,666	845	214	*	8,791	*	*	9,267	1,012

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	13,778,918	585,651	8,177	892,017	56,229	80,340	76,594	12,040,997	38,912
Tigray	743,376	12,077	*	62,596	*	1,410	9,335	652,924	1,691
North West Tigray	43,569	*	-	3,901	-	142	-	37,629	-
Central Tigray	164,762	*	*	19,423	*	-	582	141,800	503
Eastern Tigray	340,652	2,870	*	18,649	*	323	8,753	307,482	566
Southern Tigray	167,193	4,859	-	18,358	*	760	-	142,388	622
Western Tigray	27,199	*	-	2,264	-	186	-	23,625	-
Afar	179,096	4,071	*	23,905	*	1,784	1,982	146,120	662
Zone 1	112,743	2,006	*	13,649	*	469	1,233	94,810	332
Zone 3	66,353	*	*	10,256	-	1,315	749	51,309	330
Amhara	5,315,151	263,464	2,288	285,535	36,221	24,931	23,562	4,665,431	13,719
North Gonder	522,752	5,390	*	25,771	*	1,169	2,010	487,569	-
South Gonder	458,936	13,901	-	11,114	-	1,585	333	431,358	645
North Wolo	666,383	41,880	-	57,936	*	4,878	1,452	540,738	2,815
South Wolo	1,344,496	79,358	*	130,762	*	5,770	7,210	1,111,761	785
North Shewa	673,284	76,389	*	21,232	*	4,475	3,481	562,589	2,757
East Gojam	834,984	17,527	-	11,674	*	2,647	2,296	798,223	1,721
West Gojam	480,166	17,447	-	11,446	*	1,089	2,831	440,677	3,041
Waghamera	84,434	2,495	-	7,453	*	381	-	69,784	837
Awi	228,215	7,243	-	4,488	*	2,937	3,728	207,705	1,073
Oromia	21,175	1,744	-	3,649	669	-	221	14,892	-
Argoba Special	326	90	-	*	44	-	-	135	46
Oromia	4,691,155	170,958	1,721	253,046	11,232	39,334	30,945	4,167,342	16,578
West Wellega	139,492	*	-	9,117	*	234	1,423	125,666	226
East Wellega	117,853	*	-	7,278	-	-	433	107,943	-
Illubabor	231,177	8,469	-	11,341	*	1,144	710	205,380	3,451
Jimma	448,236	23,923	-	7,463	*	1,160	2,600	410,838	1,460
West Shewa	489,903	8,738	-	8,278	*	3,687	5,893	462,661	-
North Shewa	613,970	18,326	-	28,100	*	1,835	2,578	559,431	-
East Shewa	314,058	13,149	*	29,118	*	953	4,113	265,701	405
Arsi	805,165	43,660	*	37,817	2,040	26,403	4,836	687,551	2,516
West Harerghe	107,076	5,536	*	*	-	848	278	96,970	1,595
East Harerghe	178,924	22,108	-	*	-	1,292	-	148,450	-
Bale	132,259	1,967	-	7,391	-	668	1,211	121,023	-
Borena	133,722	*	*	22,175	-	119	445	107,490	-
South West Shewa	120,567	3,991	-	5,915	*	167	898	108,004	1,356
Guji	216,922	3,804	-	29,689	-	224	2,728	179,893	585
West Arsi	445,341	7,139	*	29,628	*	-	1,537	402,621	2,478
Kelem Wellega	101,433	*	-	5,959	-	139	697	92,871	1,642
Horoguduru Wellega	95,056	2,801	*	5,145	*	461	564	84,848	865

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	686,462	26,569	*	153,386	*	3,456	2,254	499,952	183
Shinele	104,732	7,221	*	18,029	*	216	261	78,771	-
Jijiga	453,838	*	*	112,836	*	2,089	1,477	321,902	-
Liben	127,892	4,184	*	22,521	-	1,151	516	99,280	183
Benshangul-Gumuz	39,145	1,318	-	2,983	*	63	34	34,552	137
Metekel	21,366	874	-	1,520	-	-	-	18,972	-
Asosa	8,819	*	-	*	-	-	-	7,872	73
Kemeshi	5,077	135	-	628	*	32	-	4,196	28
Pawe Special	922	*	-	*	-	17	9	812	10
Mao Komo	2,961	*	-	142	-	14	24	2,701	26
SNNP	2,075,360	103,273	1,337	106,881	6,745	8,591	8,308	1,834,434	5,790
Gurage	255,555	5,825	-	6,489	*	243	1,376	240,920	244
Hadiya	139,050	3,704	*	5,115	*	-	585	128,841	-
Kembata Tembaro	57,082	4,736	-	1,145	*	435	-	49,735	565
Sidama	218,651	5,244	-	8,286	*	473	480	203,720	-
Gedio	88,910	3,553	*	3,051	*	990	-	80,926	122
Wolayita	99,358	5,001	-	4,200	*	665	639	88,425	220
South Omo	209,618	17,733	*	28,599	*	2,356	1,185	156,485	977
Shaka	25,170	677	-	696	*	258	296	23,184	-
Kaffa	256,471	*	*	*	-	1,606	1,456	241,312	1,276
Gamo Gofa	192,850	10,305	-	9,350	-	237	-	172,686	272
Bench Maji	113,279	*	-	5,731	*	402	371	101,206	1,115
Yem Sp. Wereda	16,149	*	-	180	*	-	27	15,571	55
Amaro Sp. Wereda	21,510	2,372	-	1,645	-	40	101	17,352	-
Burji Sp. Wereda	2,875	88	-	*	*	-	-	2,271	-
Konso Sp. Wereda	81,697	20,966	*	8,214	*	153	297	51,768	76
Derashe Sp. Wereda	14,333	1,604	-	3,366	-	91	259	9,014	-
Dawro	46,999	3,434	-	2,215	*	164	539	40,278	165
Basketo Sp. Wereda	6,791	204	-	185	*	18	61	6,281	20
Konta Sp. Wereda	6,918	649	-	718	*	-	60	5,248	96
Silte	189,469	5,867	-	10,576	*	459	322	170,800	323
Alaba Sp. Wereda	32,629	702	-	2,875	*	-	253	28,410	263
Gambela Region	20,196	1,626	*	2,388	*	410	122	15,447	61
Angnuwak	1,293	*	-	*	-	-	38	1,083	-
Nuware	8,134	*	*	*	-	255	-	5,699	39
Mezhenger	4,017	384	-	*	-	47	84	3,431	-
Itang Special	6,751	514	-	807	*	108	-	5,234	22
Harari	2,459	262	*	*	*	-	-	1,947	79
Hundene	2,459	262	*	*	*	-	-	1,947	79
Dire Dawa	26,518	2,033	-	1,210	-	361	53	22,848	13

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	10,848,418	728,139	1,115,719	57,257	49,968	704,175	8,146,363	46,797
Tigray	1,552,351	37,289	209,057	4,385	3,933	10,301	1,280,106	7,280
North West Tigray	449,195	15,893	55,553	*	*	*	370,136	*
Central Tigray	651,157	8,834	106,582	1,921	*	*	523,982	*
Eastern Tigray	106,464	*	10,729	*	*	*	91,219	*
Southern Tigray	207,177	4,016	23,848	-	*	*	177,912	-
Western Tigray	138,358	7,782	12,344	*	734	-	116,857	*
Afar	296,543	7,765	35,741	*	1,224	87,194	163,993	*
Zone 1	188,568	2,532	21,266	*	732	59,031	104,879	*
Zone 3	107,976	5,233	14,474	*	*	28,163	59,113	-
Amhara	2,797,127	289,214	217,980	20,392	8,088	13,404	2,233,355	14,695
North Gonder	585,527	34,855	34,613	*	*	*	511,741	-
South Gonder	375,152	31,158	21,743	*	*	-	319,623	*
North Wolo	293,438	24,282	28,666	*	*	*	234,116	*
South Wolo	393,046	44,986	51,894	*	-	-	289,923	4,486
North Shewa	392,158	93,333	23,877	*	*	*	267,918	*
East Gojam	185,729	22,943	4,381	-	*	*	150,921	*
West Gojam	176,748	17,741	5,855	*	*	*	148,665	*
Waghamera	234,175	9,622	32,682	*	*	*	177,929	*
Awi	47,728	5,491	1,121	-	*	*	38,526	*
Oromia	102,861	3,430	12,486	*	*	*	85,719	-
Argoba Special	10,565	1,374	661	189	*	*	8,273	*
Oromia	3,673,065	257,615	282,832	17,987	12,228	363,200	2,722,245	16,958
West Wellega	49,822	*	4,054	*	-	-	44,450	*
East Wellega	63,867	*	3,530	-	*	*	57,775	*
Illubabor	70,900	1,124	4,782	*	-	-	64,302	*
Jimma	126,233	6,296	5,023	*	-	-	114,581	-
West Shewa	133,781	12,171	4,901	*	*	-	113,340	*
North Shewa	117,749	10,579	7,068	*	*	*	94,742	*
East Shewa	321,899	15,906	36,740	*	-	*	250,316	*
Arsi	353,423	28,705	22,039	4,834	*	44,707	250,558	*
West Harerghe	485,190	69,826	9,586	*	*	*	389,866	*
East Harerghe	628,956	71,257	36,421	-	*	*	460,070	*
Bale	414,658	12,694	39,454	*	*	150,570	210,891	*
Borena	331,810	*	48,271	*	*	16,991	249,472	*
South West Shewa	91,899	8,781	9,839	*	*	*	60,057	*
Guji	223,442	*	29,917	*	*	*	147,562	*
West Arsi	158,517	*	13,582	-	*	15,709	125,123	-
Kelem Wellega	53,728	*	*	-	-	*	47,861	*
Horoguduru Wellega	47,190	2,141	2,809	*	-	*	41,278	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	890,811	35,315	188,341	*	8,912	106,204	548,630	*
Shinele	255,597	14,758	49,765	-	*	20,819	168,193	*
Jijiga	350,427	8,315	94,630	*	*	*	198,622	*
Liben	284,788	12,241	43,947	*	4,811	41,520	181,814	*
Benshangul-Gumuz	160,636	6,896	15,885	*	458	*	135,120	163
Metekel	65,810	3,324	5,086	-	74	-	57,196	132
Asosa	67,630	2,882	7,828	*	344	*	54,567	-
Kemeshi	21,471	*	2,564	*	*	-	18,186	-
Pawe Special	1,049	48	*	*	-	*	919	*
Mao Komo	4,676	*	360	*	*	-	4,251	*
SNNP	1,360,159	85,927	159,055	11,549	*	111,617	972,553	5,425
Gurage	78,059	4,244	8,024	*	*	*	62,826	*
Hadiya	54,243	*	*	-	-	3,629	45,506	-
Kembata Tembaro	23,580	*	*	*	-	1,785	20,598	-
Sidama	73,828	5,428	6,364	-	*	21,524	40,161	-
Gedio	*	*	*	-	-	-	*	-
Wolayita	51,491	*	*	-	*	-	45,489	*
South Omo	461,308	*	74,479	*	*	68,618	280,174	*
Shaka	4,488	329	*	*	*	-	3,640	*
Kaffa	75,053	2,283	3,359	*	*	*	67,052	*
Gamo Gofa	123,377	5,062	16,427	*	*	*	97,326	*
Bench Maji	33,616	3,031	1,554	-	-	*	28,316	*
Yem Sp. Wereda	9,881	206	229	*	-	*	9,034	*
Amaro Sp. Wereda	39,110	4,339	2,936	*	*	468	30,928	-
Burji Sp. Wereda	17,068	613	3,246	-	-	*	13,176	-
Konso Sp. Wereda	147,779	27,951	15,136	*	1,903	*	99,777	*
Derashe Sp. Wereda	43,552	2,575	10,155	-	*	*	30,352	-
Dawro	22,655	*	1,164	*	*	*	18,975	*
Basketo Sp. Wereda	*	*	*	-	-	-	*	-
Konta Sp. Wereda	4,875	*	249	*	*	-	4,183	*
Silte	48,578	720	3,325	*	*	2,686	39,014	*
Alaba Sp. Wereda	36,484	457	3,662	*	*	5,757	26,218	-
Gambela Region	23,553	1,313	2,901	*	524	3,882	14,495	*
Angnuwak	6,035	*	*	-	*	*	4,734	*
Nuware	10,848	*	1,920	*	*	1,487	6,221	*
Mezhenger	607	*	*	-	-	-	428	-
Itang Special	6,063	419	743	*	*	1,723	3,112	*
Harari	20,664	1,451	900	*	*	705	17,439	-
Hundene	20,664	1,451	900	*	*	705	17,439	-
Dire Dawa	73,507	5,355	3,026	*	472	5,990	58,427	-

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	1,403,484	589,975	63,845	12,140	486,707	83,400	167,417
Tigray	*	3,273	-	*	*	-	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-
Southern Tigray	*	*	-	*	*	-	*
Western Tigray	*	*	-	-	*	-	-
Afar	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	248,305	47,737	48,928	1,952	42,407	59,640	47,641
North Gonder	31,582	7,548	4,955	-	*	*	8,483
South Gonder	12,254	*	*	-	*	-	*
North Wolo	26,551	3,673	*	*	*	*	5,516
South Wolo	56,920	11,851	*	-	12,051	*	9,691
North Shewa	18,431	*	*	-	11,444	-	*
East Gojam	40,109	12,756	4,914	*	4,315	*	10,976
West Gojam	*	*	*	-	*	*	*
Waghamera	*	-	-	-	*	-	-
Awi	48,041	4,850	24,393	*	*	14,016	4,085
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
Oromia	861,127	406,565	7,959	5,591	351,598	15,833	73,581
West Wellega	*	*	-	-	*	-	-
East Wellega	*	*	-	-	*	-	*
Illubabor	34,555	10,452	*	-	18,424	*	4,769
Jimma	69,446	28,898	-	*	26,445	-	13,716
West Shewa	113,800	59,343	*	*	28,360	8,299	*
North Shewa	73,066	26,664	-	*	38,883	1,584	*
East Shewa	12,560	10,432	*	-	*	-	-
Arsi	185,855	78,486	*	*	100,025	*	*
West Harerghe	*	*	-	-	*	*	-
East Harerghe	*	-	-	-	*	*	-
Bale	27,503	18,805	*	-	*	-	*
Borena	1,696	*	-	-	*	*	-
South West Shewa	35,711	24,958	*	-	7,943	*	*
Guji	110,536	48,940	*	*	44,420	*	9,938
West Arsi	159,046	82,491	-	-	64,559	*	11,375
Kelem Wellega	*	*	-	-	*	-	*
Horoguduru Wellega	20,439	10,300	*	-	6,243	*	*

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	140	-	140	-	-	-	-
Metekel	140	-	140	-	-	-	-
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Pawe special	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	282,760	132,029	6,818	3,947	91,201	7,927	40,838
Gurage	59,162	16,350	*	*	26,011	-	16,332
Hadiya	21,321	9,063	-	*	8,683	*	2,660
Kembata Tembaro	5,749	2,485	*	*	*	-	1,281
Sidama	43,764	29,777	-	-	12,740	-	*
Gedio	16,463	11,170	-	*	5,115	-	-
Wolayita	*	*	-	*	*	-	*
South Omo	15,131	7,000	*	-	5,268	*	*
Shaka	3,744	2,983	*	-	*	-	*
Kaffa	47,231	29,809	*	*	6,747	-	10,339
Gamo Gofa	15,913	*	4,289	-	*	5,736	*
Bench Maji	9,225	2,655	-	-	6,570	-	-
Yem Sp. Wereda	585	273	-	-	258	-	*
Amaro Sp. Wereda	2,593	991	-	-	1,603	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	-	*	-
Dawro	5,917	1,870	*	*	2,321	*	1,302
Basketo Sp. Wereda	324	212	*	-	*	*	-
Konta Sp. Wereda	989	626	-	-	*	-	*
Silte	26,512	11,292	-	-	10,632	*	*
Alaba Sp. Wereda	3,977	1,955	-	-	1,957	-	*
Gambela Region	336	336	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	336	336	-	-	-	-	-
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	4,358,653	1,409,572	327,422	44,003	2,042,853	409,188	125,614
Tigray	358,927	148,634	41,406	3,334	112,818	45,623	7,112
North West Tigray	54,611	23,989	*	*	26,341	*	*
Central Tigray	102,643	28,546	20,298	*	24,887	24,877	3,325
Eastern Tigray	66,276	33,094	1,586	*	28,565	*	*
Southern Tigray	102,234	42,191	13,060	-	29,964	15,805	*
Western Tigray	33,164	20,814	5,297	*	3,062	1,253	*
Afar	22,860	10,633	*	*	11,636	*	341
Zone 1	9,964	3,996	*	-	5,833	-	*
Zone 3	12,896	6,637	-	*	5,803	*	*
Amhara	1,293,464	362,468	132,322	14,104	483,280	222,879	78,412
North Gonder	172,052	65,038	8,465	-	71,535	21,735	5,280
South Gonder	144,050	28,686	4,779	-	82,118	13,561	14,906
North Wolo	117,424	30,911	8,438	-	55,637	15,321	7,118
South Wolo	248,347	78,169	28,479	*	82,828	37,525	18,920
North Shewa	212,622	86,595	12,294	*	87,507	21,688	4,204
East Gojam	175,944	13,952	36,345	8,911	29,663	65,080	21,994
West Gojam	119,608	22,708	24,498	*	22,092	44,917	4,169
Waghamera	45,558	19,564	*	-	25,612	*	-
Awi	34,230	7,738	*	*	13,178	2,758	1,095
Oromia	22,267	8,689	*	*	12,512	-	*
Argoba Special	1,362	420	88	-	600	165	90
Oromia	1,708,600	699,564	124,750	16,488	706,236	129,736	31,826
West Wellega	77,513	27,628	1,494	*	45,679	*	*
East Wellega	55,060	18,200	*	-	28,905	*	*
Illubabor	13,890	7,323	*	901	3,839	-	*
Jimma	44,430	28,228	*	*	11,671	*	*
West Shewa	89,941	39,540	*	1,298	36,556	5,995	*
North Shewa	138,858	38,298	16,093	1,110	44,920	36,915	*
East Shewa	203,837	70,020	34,403	*	63,953	34,355	*
Arsi	232,091	105,290	*	*	121,768	*	*
West Harerghe	138,438	66,269	10,714	*	50,680	9,233	*
East Harerghe	172,849	69,953	27,045	*	56,730	10,560	*
Bale	155,315	73,560	*	*	67,698	*	*
Borena	48,282	24,217	1,162	*	17,515	*	*
South West Shewa	98,866	37,301	13,125	-	30,909	16,911	*
Guji	42,693	19,757	*	*	20,677	*	-
West Arsi	136,723	51,225	*	*	76,139	*	*
Kelem Wellega	23,046	11,043	*	*	8,146	*	*
Horoguduru Wellega	36,766	11,713	*	*	20,451	*	*

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	*	38,724	*	*	*	*	*
Shinele	12,243	6,284	-	-	5,960	-	-
Jijiga	43,997	21,567	*	*	20,701	*	*
Liben	*	10,873	-	*	*	*	*
Benshangul-Gumuz	41,917	12,283	16,230	81	10,023	3,156	143
Metekel	18,947	1,696	13,883	81	337	2,807	143
Asosa	15,714	7,386	*	-	7,889	*	-
Kemeshi	5,231	2,106	2,137	-	989	-	-
Pawe Special	222	*	*	-	102	*	-
Mao Komo	1,802	1,054	*	-	706	*	-
SNNP	299,809	130,158	11,045	6,617	141,533	6,158	4,297
Gurage	42,288	23,288	-	*	17,543	-	*
Hadiya	45,232	15,918	-	*	27,852	*	*
Kembata Tembaro	16,186	11,385	*	*	4,158	-	-
Sidama	54,415	29,862	-	-	24,553	-	-
Gedio	*	*	-	-	-	-	-
Wolayita	22,260	11,852	*	5,106	*	-	-
South Omo	7,282	2,561	-	-	3,988	*	*
Shaka	1,399	1,345	-	-	-	*	-
Kaffa	*	*	*	-	*	-	-
Gamo Gofa	14,719	5,944	-	-	*	*	*
Bench Maji	*	*	*	-	-	-	-
Yem Sp. Wereda	2,329	887	*	-	1,244	*	*
Amaro Sp. Wereda	1,167	851	-	*	*	-	-
Burji Sp. Wereda	3,633	1,406	*	*	1,294	*	*
Konso Sp. Wereda	5,724	2,154	*	-	2,105	*	-
Derashe Sp. Wereda	11,752	639	8,417	*	*	1,557	*
Dawro	2,319	1,455	*	-	782	-	-
Basketo Sp. Wereda	308	*	-	-	*	-	-
Konta Sp. Wereda	*	*	*	*	-	-	-
Silte	41,215	11,385	-	-	29,488	-	*
Alaba Sp. Wereda	22,284	4,689	*	-	16,393	*	*
Gambela Region	*	*	*	-	*	-	-
Angnuwak	*	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	-
Itang Special	*	-	-	-	*	-	-
Harari	7,455	3,843	578	*	1,330	751	709
Hundene	7,455	3,843	578	*	1,330	751	709
Dire Dawa	9,772	3,042	594	*	5,214	547	*

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	325,817	147,633	11,521	3,869	151,031	9,036	2,727
Tigray	6,247	*	*	*	2,325	*	*
North West Tigray	*	-	-	-	*	-	-
Central Tigray	*	-	-	-	*	-	-
Eastern Tigray	*	-	-	*	-	-	-
Southern Tigray	*	*	*	-	*	*	*
Western Tigray	857	691	-	-	*	-	-
Afar	*	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	*	-	-
Amhara	110,217	40,418	9,025	2,200	50,711	6,663	*
North Gondar	10,350	4,424	-	-	5,926	-	-
South Gondar	16,597	5,541	*	*	6,175	*	*
North Wolo	15,146	4,236	*	*	8,331	*	-
South Wolo	35,966	12,181	*	*	18,757	*	*
North Shewa	6,663	4,746	-	-	1,917	-	-
East Gojam	7,384	*	*	*	2,781	*	-
West Gojam	10,462	2,907	*	-	4,096	*	*
Waghamera	3,216	1,330	-	-	1,886	-	-
Awi	4,205	1,262	1,471	*	732	-	*
Oromia	*	*	-	-	*	-	-
Argoba Special	*	*	-	-	-	-	-
Oromia	160,943	79,124	1,363	*	78,780	963	*
West Wellega	5,676	2,833	-	-	2,844	-	-
East Wellega	2,954	*	-	-	2,341	-	-
Illubabor	9,899	3,822	*	-	5,860	-	-
Jimma	29,691	9,094	-	-	20,265	*	-
West Shewa	9,117	3,481	-	-	5,636	-	-
North Shewa	4,849	2,642	-	-	2,207	-	-
East Shewa	9,228	8,358	*	-	*	-	-
Arsi	23,784	12,045	-	-	11,738	-	-
West Harerghe	2,944	1,141	-	-	*	-	-
East Harerghe	-	-	-	-	-	-	-
Bale	17,751	9,445	-	-	8,306	-	-
Borena	5,486	4,034	-	-	1,453	-	-
South West Shewa	8,525	3,417	-	-	4,742	-	*
Guji	15,539	10,353	-	*	4,736	*	-
West Arsi	4,008	*	-	-	2,590	-	-
Kelem Wellega	8,041	4,330	*	-	2,801	*	*
Horoguduru Wellega	3,452	2,101	*	-	1,000	*	-

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	682	399	*	-	198	73	-
Metekel	276	137	-	-	67	73	-
Asosa	*	*	-	-	*	-	-
Kemeshi	*	*	-	-	-	-	-
Pawe Special	*	*	*	-	-	-	-
Mao Komo	*	*	-	-	63	-	-
SNNP	47,121	24,533	*	*	18,672	*	*
Gurage	2,390	*	-	-	*	*	-
Hadiya	6,037	3,807	-	-	2,230	-	-
Kembata Tembaro	1,632	1,080	*	-	*	-	*
Sidama	*	-	-	-	*	-	-
Gedio	4,642	2,528	-	*	1,111	-	*
Wolayita	*	*	-	*	*	-	-
South Omo	3,531	1,641	-	-	*	*	-
Shaka	818	*	-	-	325	-	-
Kaffa	9,152	5,964	-	*	2,686	-	*
Gamo Gofa	4,340	*	*	-	2,260	*	-
Bench Maji	1,843	*	-	-	*	-	-
Yem Sp. Wereda	*	*	-	-	*	-	-
Amaro Sp. Wereda	778	343	-	-	435	-	-
Burji Sp. Wereda	151	*	-	-	102	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	-	*	*	-
Dawro	4,536	2,600	-	-	1,849	-	*
Basketo Sp. Wereda	436	152	*	-	163	*	-
Konta Sp. Wereda	421	219	-	*	*	-	*
Silte	2,847	1,458	-	-	1,388	-	-
Alaba Sp. Wereda	*	*	-	-	*	-	-
Gambela Region	*	*	-	-	*	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	*	-	-
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-

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

[illegible]

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	246,556	49,138	10,656	*	*	2,808	14,001	*	108,524	*
Shinele	20,494	7,703	*	-	*	*	2,068	-	6,932	*
Jijiga	59,688	16,897	*	*	*	*	5,459	*	23,420	*
Liben	166,374	24,537	7,028	-	*	1,419	6,474	*	78,172	*
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	3,323	1,454	*	-	*	*	284	-	1,035	475

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	47,570,675	20,978,790	109,242	13,223	26,237,158	201,966	30,297
Tigray	3,119,407	1,466,940	7,443	*	1,634,124	9,164	1,553
North West Tigray	771,917	335,269	*	-	435,646	*	*
Central Tigray	754,280	399,993	2,128	*	350,317	*	*
Eastern Tigray	380,860	184,715	3,922	-	186,472	5,450	*
Southern Tigray	671,199	344,292	*	-	324,479	813	*
Western Tigray	541,151	202,671	*	-	337,210	*	-
Afar	401,167	92,232	-	-	308,935	-	-
Zone 1	223,960	43,529	-	-	180,431	-	-
Zone 3	177,207	48,703	-	-	128,504	-	-
Amhara	11,757,295	5,984,611	12,529	*	5,719,364	35,158	3,008
North Gondar	2,157,749	1,034,130	*	-	1,119,187	*	*
South Gondar	1,310,023	695,834	*	-	612,923	*	-
North Wolo	986,458	455,715	-	-	530,166	*	*
South Wolo	1,652,507	858,146	*	*	786,371	3,845	*
North Shewa	1,138,365	656,812	6,074	-	453,973	*	-
East Gojam	1,489,042	809,717	*	*	673,519	*	*
West Gojam	1,785,578	905,987	*	*	875,641	*	*
Waghamera	274,866	131,179	-	-	143,564	-	*
Awi	660,935	293,233	*	-	367,326	*	-
Oromia	281,362	133,969	*	-	146,174	*	-
Argoba Special	20,410	9,891	-	-	10,519	-	-
Oromia	21,410,978	9,472,940	79,509	9,736	11,699,853	124,644	24,296
West Wellega	898,055	401,202	-	-	496,852	-	-
East Wellega	834,163	394,698	-	-	439,465	-	-
Illubabor	893,207	406,513	-	-	486,193	*	-
Jimma	2,006,467	938,934	-	-	1,067,533	-	-
West Shewa	1,641,785	799,472	*	*	830,831	*	*
North Shewa	1,410,831	667,633	28,443	*	666,099	43,546	*
East Shewa	1,204,478	603,021	*	*	594,116	1,157	*
Arsi	2,510,936	1,146,567	25,959	*	1,283,918	39,088	*
West Harerghe	1,247,429	564,316	-	-	683,113	-	-
East Harerghe	1,443,614	566,760	*	-	876,386	-	-
Bale	1,294,744	595,041	*	-	695,270	2,513	-
Borena	1,224,163	424,514	-	-	799,649	-	-
South West Shewa	821,641	437,461	1,570	-	381,038	1,212	*
Guji	1,164,073	419,980	-	-	744,092	-	-
West Arsi	1,861,402	651,174	16,173	*	1,157,323	30,055	*
Kelem Wellega	350,838	167,981	-	-	182,857	-	-
Horoguduru Wellega	603,154	287,673	*	-	315,117	*	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	640,357	203,680	-	-	436,596	-	*
Shinele	37,318	10,936	-	-	26,382	-	-
Jijiga	377,363	130,612	-	-	246,671	-	*
Liben	225,676	62,133	-	-	163,543	-	-
Benshangul-Gumuz	363,590	165,721	-	-	197,869	-	-
Metekel	246,660	112,156	-	-	134,505	-	-
Asosa	65,108	30,471	-	-	34,637	-	-
Kemeshi	16,393	6,875	-	-	9,517	-	-
Pawe Special	20,441	9,766	-	-	10,675	-	-
Mao Komo	14,989	6,453	-	-	8,536	-	-
SNNP	9,574,677	3,492,386	9,733	*	6,037,934	32,780	1,191
Gurage	1,134,911	327,188	*	-	806,355	*	-
Hadiya	718,717	302,110	*	*	412,106	*	-
Kembata Tembaro	341,541	129,072	4,237	-	189,436	18,261	*
Sidama	1,573,283	374,920	*	-	1,195,241	*	-
Gedio	116,995	54,839	-	-	61,980	*	-
Wolayita	764,999	285,091	*	-	472,812	*	*
South Omo	818,754	315,908	*	*	501,879	-	*
Shaka	84,827	32,073	-	-	52,754	-	-
Kaffa	934,532	378,109	-	-	556,423	-	-
Gamo Gofa	1,058,731	422,531	*	-	634,614	*	*
Bench Maji	426,598	170,778	*	*	254,828	*	-
Yem Sp. Wereda	67,381	31,255	-	-	36,126	-	-
Amaro Sp. Wereda	115,045	51,139	-	-	63,906	-	-
Burji Sp. Wereda	45,973	25,189	-	-	20,784	-	-
Konso Sp. Wereda	146,041	70,271	-	-	75,770	-	-
Derashe Sp. Wereda	60,659	35,363	-	-	25,297	-	-
Dawro	332,490	132,911	-	-	199,579	-	-
Basketo Sp. Wereda	34,585	16,197	-	-	18,388	-	-
Konta Sp. Wereda	71,212	31,510	-	-	39,702	-	-
Silte	544,392	224,860	*	-	318,286	*	-
Alaba Sp. Wereda	183,011	81,072	-	-	101,669	*	*
Gambela Region	212,591	66,885	-	-	145,706	-	-
Angnuwak	30,410	12,118	-	-	18,292	-	-
Nuware	112,871	36,095	-	-	76,776	-	-
Mezhenger	17,921	4,921	-	-	13,000	-	-
Itang Special	51,389	13,752	-	-	37,637	-	-
Harari	40,775	14,961	*	*	25,558	*	*
Hundene	40,775	14,961	*	*	25,558	*	*
Dire Dawa	49,838	18,434	-	-	31,219	*	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	26,117,272	6,875,335	*	*	19,214,310	15,652	*
Tigray	1,388,104	340,331	*	-	1,046,535	*	-
North West Tigray	79,967	20,349	-	-	59,168	*	-
Central Tigray	318,478	87,550	-	-	230,735	*	-
Eastern Tigray	604,471	134,383	*	-	469,920	-	-
Southern Tigray	333,976	83,611	*	-	249,938	*	-
Western Tigray	51,211	14,437	-	-	36,774	-	-
Afar	353,418	89,127	-	-	264,291	-	-
Zone 1	209,622	48,386	-	-	161,236	-	-
Zone 3	143,796	40,741	-	-	103,055	-	-
Amhara	9,469,746	2,436,544	*	*	7,020,844	4,899	-
North Gondar	959,969	211,132	-	-	748,837	-	-
South Gondar	834,443	192,777	-	-	641,354	*	-
North Wolo	1,083,949	276,122	*	-	805,539	*	-
South Wolo	2,370,205	731,536	*	*	1,629,409	*	-
North Shewa	1,128,501	311,422	-	-	816,581	*	-
East Gojam	1,509,635	314,856	-	-	1,194,778	-	-
West Gojam	955,394	239,297	-	-	716,097	-	-
Waghamera	133,707	35,879	-	-	97,828	-	-
Awi	454,332	105,375	-	-	348,957	-	-
Oromia	39,005	17,778	-	-	21,227	-	-
Argoba Special	606	369	-	-	237	-	-
Oromia	9,401,844	2,487,845	*	*	6,901,591	9,624	-
West Wellega	289,569	74,838	-	-	214,732	-	-
East Wellega	271,817	79,034	-	-	192,783	-	-
Illubabor	441,313	111,240	-	-	330,073	-	-
Jimma	894,719	237,700	-	-	657,019	-	-
West Shewa	940,417	203,595	-	-	736,822	-	-
North Shewa	1,097,102	266,666	*	-	828,084	*	-
East Shewa	702,544	222,914	-	-	479,631	-	-
Arsi	1,651,661	438,252	*	*	1,204,338	*	-
West Harerghe	214,017	55,559	-	-	158,458	-	-
East Harerghe	365,252	114,609	-	-	250,643	-	-
Bale	264,470	71,278	-	-	193,192	-	-
Borena	241,584	70,755	-	-	170,828	-	-
South West Shewa	238,945	64,177	-	-	174,347	*	-
Guji	395,423	111,237	-	-	284,186	-	-
West Arsi	967,126	250,679	-	-	715,882	*	-
Kelem Wellega	217,697	59,029	-	-	158,668	-	-
Horoguduru Wellega	208,189	56,284	-	-	151,905	-	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,306,061	431,561	-	-	874,500	-	-
Shinele	218,817	67,905	-	-	150,912	-	-
Jijiga	855,835	292,697	-	-	563,138	-	-
Liben	231,409	70,959	-	-	160,450	-	-
Benshangul-Gumuz	85,274	24,764	-	-	60,510	-	-
Metekel	42,568	12,064	-	-	30,503	-	-
Asosa	18,593	5,409	-	-	13,183	-	-
Kemeshi	11,767	3,836	-	-	7,931	-	-
Pawe Special	2,578	656	-	-	1,921	-	-
Mao Komo	9,769	2,798	-	-	6,971	-	-
SNNP	4,000,053	1,028,223	*	*	2,970,207	*	*
Gurage	466,514	93,504	-	-	373,010	-	-
Hadiya	277,483	64,261	-	-	213,222	-	-
Kembata Tembaro	112,323	32,621	-	-	79,702	-	-
Sidama	429,562	102,276	-	-	327,286	-	-
Gedio	181,231	49,670	-	-	131,561	-	-
Wolayita	220,150	62,752	-	-	157,398	-	-
South Omo	420,389	139,395	-	-	280,994	-	-
Shaka	52,211	12,459	-	-	39,751	-	-
Kaffa	473,743	103,834	-	-	369,909	-	-
Gamo Gofa	368,215	85,521	*	-	282,150	*	-
Bench Maji	196,685	43,818	-	*	151,788	-	*
Yem Sp. Wereda	30,856	6,748	-	-	24,108	-	-
Amaro Sp. Wereda	41,794	12,124	-	-	29,670	-	-
Burji Sp. Wereda	4,868	1,500	-	-	3,368	-	-
Konso Sp. Wereda	141,070	53,852	-	-	87,218	-	-
Derashe Sp. Wereda	21,918	9,185	-	-	12,733	-	-
Dawro	106,163	33,761	-	-	72,402	-	-
Basketo Sp. Wereda	12,515	2,238	-	-	10,277	-	-
Konta Sp. Wereda	16,457	7,132	-	-	9,325	-	-
Silte	367,518	97,167	-	-	270,351	-	-
Alaba Sp. Wereda	58,388	14,402	-	-	43,986	-	-
Gambela Region	48,114	16,532	-	-	31,582	-	-
Angnuwak	*	*	-	-	1,761	-	-
Nuware	23,351	*	-	-	14,185	-	-
Mezhenger	8,816	3,123	-	-	5,693	-	-
Itang Special	13,593	3,650	-	-	9,943	-	-
Harari	5,035	1,578	-	-	3,458	-	-
Hundene	5,035	1,578	-	-	3,458	-	-
Dire Dawa	59,623	18,830	-	-	40,793	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	21,709,428	6,650,992	*	-	15,056,233	*	-
Tigray	3,005,463	855,177	*	-	2,149,070	*	-
North West Tigray	903,196	254,858	-	-	648,338	-	-
Central Tigray	1,237,653	375,394	*	-	861,042	*	-
Eastern Tigray	201,410	47,612	-	-	153,798	-	-
Southern Tigray	385,890	97,228	-	-	288,662	-	-
Western Tigray	277,314	80,085	-	-	197,230	-	-
Afar	599,828	141,951	-	-	457,877	-	-
Zone 1	345,432	72,208	-	-	273,224	-	-
Zone 3	254,396	69,743	-	-	184,652	-	-
Amhara	5,468,624	1,750,545	-	-	3,718,079	-	-
North Gonder	1,281,298	401,400	-	-	879,899	-	-
South Gonder	736,524	207,126	-	-	529,398	-	-
North Wolo	543,677	161,816	-	-	381,861	-	-
South Wolo	701,007	252,558	-	-	448,449	-	-
North Shewa	717,460	281,061	-	-	436,399	-	-
East Gojam	392,831	116,081	-	-	276,750	-	-
West Gojam	354,905	102,199	-	-	252,705	-	-
Waghamera	396,670	119,821	-	-	276,849	-	-
Awi	112,215	38,779	-	-	73,436	-	-
Oromia	209,776	61,797	-	-	147,979	-	-
Argoba Special	22,261	7,908	-	-	14,354	-	-
Oromia	7,685,529	2,347,247	-	-	5,338,002	*	-
West Wellega	115,354	38,501	-	-	76,853	-	-
East Wellega	157,806	46,295	-	-	111,511	-	-
Illubabor	188,724	55,967	-	-	132,757	-	-
Jimma	248,049	67,218	-	-	180,831	-	-
West Shewa	320,114	106,564	-	-	213,550	-	-
North Shewa	252,947	83,754	-	-	169,193	-	-
East Shewa	733,537	234,531	-	-	498,726	*	-
Arsi	718,810	212,999	-	-	505,811	-	-
West Harerghe	980,004	306,715	-	-	673,290	-	-
East Harerghe	1,292,484	407,491	-	-	884,993	-	-
Bale	794,277	218,671	-	-	575,607	-	-
Borena	676,890	200,941	-	-	475,949	-	-
South West Shewa	200,461	72,295	-	-	128,166	-	-
Guji	427,338	126,314	-	-	301,024	-	-
West Arsi	341,134	96,076	-	-	245,059	-	-
Kelem Wellega	131,823	42,238	-	-	89,585	-	-
Horoguduru Wellega	105,775	30,677	-	-	75,099	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,703,290	562,964	-	-	1,140,327	-	-
Shinele	548,925	177,573	-	-	371,352	-	-
Jijiga	642,017	230,734	-	-	411,283	-	-
Liben	512,348	154,656	-	-	357,692	-	-
Benshangul-Gumuz	371,500	109,365	-	-	262,135	-	-
Metekel	158,805	49,330	-	-	109,474	-	-
Asosa	145,076	39,973	-	-	105,103	-	-
Kemeshi	52,534	15,818	-	-	36,716	-	-
Pawe Special	2,515	716	-	-	1,799	-	-
Mao Komo	12,569	3,527	-	-	9,042	-	-
SNNP	2,624,588	812,615	*	-	1,811,266	*	-
Gurage	150,904	48,015	-	-	102,889	-	-
Hadiya	106,058	28,544	-	-	77,514	-	-
Kembata Tembaro	50,667	11,244	*	-	38,716	*	-
Sidama	153,125	47,955	-	-	105,169	-	-
Gedio	*	2,815	-	-	*	-	-
Wolayita	112,550	32,249	-	-	80,301	-	-
South Omo	878,172	289,711	-	-	588,461	-	-
Shaka	9,468	3,170	-	-	6,298	-	-
Kaffa	147,797	33,459	-	-	114,339	-	-
Gamo Gofa	229,327	66,273	-	-	163,054	-	-
Bench Maji	68,023	19,679	-	-	48,344	-	-
Yem Sp. Wereda	19,644	4,134	-	-	15,510	-	-
Amaro Sp. Wereda	74,588	22,782	-	-	51,806	-	-
Burji Sp. Wereda	30,610	10,351	-	-	20,259	-	-
Konso Sp. Wereda	267,938	96,085	-	-	171,853	-	-
Derashe Sp. Wereda	74,857	27,667	-	-	47,190	-	-
Dawro	51,755	17,619	-	-	34,136	-	-
Basketo Sp. Wereda	*	*	-	-	8,799	-	-
Konta Sp. Wereda	11,873	3,616	-	-	8,257	-	-
Silte	99,560	27,785	-	-	71,775	-	-
Alaba Sp. Wereda	66,221	16,435	-	-	49,786	-	-
Gambela Region	54,638	16,121	-	-	38,517	-	-
Angnuwak	12,571	3,224	-	-	9,347	-	-
Nuware	27,601	8,860	-	-	18,741	-	-
Mezhenger	1,169	452	-	-	717	-	-
Itang Special	13,297	3,585	-	-	9,712	-	-
Harari	41,226	12,034	-	-	29,192	-	-
Hundene	41,226	12,034	-	-	29,192	-	-
Dire Dawa	154,743	42,973	-	-	111,769	-	-

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	39,563,902	4,466,235	2,114,380	3,768,034	1,541,243	14,739,754	12,934,256
Tigray	4,262,337	382,799	337,698	522,919	236,041	1,610,678	1,172,201
North West Tigray	1,157,851	86,945	109,764	153,979	88,743	505,745	212,676
Central Tigray	1,255,629	114,088	88,173	153,857	73,555	471,339	354,616
Eastern Tigray	562,316	61,649	29,798	59,294	30,612	131,841	249,122
Southern Tigray	749,131	79,334	47,391	84,242	18,899	267,435	251,830
Western Tigray	537,409	40,783	62,571	71,548	24,232	234,319	103,957
Afar	53,856	6,294	4,163	6,070	6,544	13,928	16,858
Zone 1	536	*	*	-	*	-	326
Zone 3	53,320	6,147	4,130	6,070	6,514	13,928	16,531
Amhara	12,364,824	1,387,417	592,228	1,139,372	397,780	4,794,287	4,053,741
North Gonder	2,990,403	241,208	181,835	312,580	77,792	1,423,187	753,802
South Gonder	1,438,282	107,208	72,825	143,383	33,064	618,092	463,709
North Wolo	1,129,456	234,291	63,732	114,510	44,726	334,504	337,693
South Wolo	1,663,904	338,854	49,138	121,248	70,412	359,143	725,108
North Shewa	1,115,290	125,060	40,795	83,515	28,117	334,625	503,178
East Gojam	784,913	74,529	30,329	62,380	25,039	256,696	335,940
West Gojam	1,786,794	121,459	83,396	180,258	56,644	809,704	535,333
Waghamera	402,409	53,117	21,010	33,613	25,695	160,239	108,735
Awı	706,821	46,608	33,470	60,049	23,445	339,642	203,607
Oromia	310,617	39,511	13,720	24,295	12,015	142,702	78,374
Argoba Special	35,936	5,570	1,978	3,541	832	15,754	8,261
Oromia	14,329,775	1,753,623	726,816	1,295,052	623,216	5,066,983	4,864,086
West Wellega	952,302	101,173	59,000	94,801	29,336	410,967	257,025
East Wellega	780,265	90,404	37,893	60,856	34,943	349,942	206,227
Illubabor	915,505	129,246	39,376	84,579	42,756	336,484	283,064
Jimma	1,337,182	146,854	34,186	68,226	30,670	589,828	467,418
West Shewa	937,252	110,238	25,778	57,467	35,089	354,250	354,430
North Shewa	522,138	66,501	26,048	44,909	19,876	101,584	263,220
East Shewa	829,865	93,404	46,165	75,159	39,939	279,199	296,000
Arsi	1,491,231	183,199	86,327	131,059	71,993	472,168	546,485
West Harerghe	1,218,014	153,157	86,155	140,606	42,350	403,763	391,982
East Harerghe	1,254,362	152,016	66,044	138,693	61,064	338,500	498,045
Bale	620,137	79,668	50,731	73,831	19,134	163,594	233,178
Borena	471,800	71,854	28,596	65,840	22,683	148,767	134,060
South West Shewa	534,999	60,580	14,918	33,613	33,516	188,880	203,491
Guji	761,245	112,295	38,671	69,021	49,593	270,618	221,047
West Arsi	636,733	73,092	34,366	59,894	37,919	208,695	222,767
Kelem Wellega	744,471	85,750	38,233	65,600	36,169	319,419	199,299
Horoguduru Wellega	322,274	44,190	14,326	30,899	16,187	130,325	86,346

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	113,082	18,134	10,046	8,898	8,728	21,852	45,424
Shinele	1,674	*	-	*	-	613	*
Jijiga	15,669	2,342	*	*	*	*	5,137
Liben	95,740	15,559	8,169	7,604	5,373	19,548	39,487
Benshangul-Gumuz	708,027	69,125	49,068	71,534	18,253	339,583	160,465
Metekel	328,443	30,195	22,987	31,754	10,545	158,916	74,045
Asosa	210,728	23,221	15,153	20,684	4,201	98,182	49,286
Kemeshi	104,581	11,037	7,654	12,855	1,888	47,554	23,591
Pawe Special	27,207	1,752	1,518	2,769	734	15,101	5,333
Mao Komo	37,070	2,920	1,755	3,471	885	19,829	8,209
SNNP	7,465,585	817,181	371,034	693,096	241,056	2,805,752	2,537,466
Gurage	564,459	60,973	15,806	49,377	20,016	165,001	253,286
Hadiya	677,239	54,789	22,616	55,491	17,171	334,232	192,938
Kembata Tembaro	300,835	21,240	8,495	27,176	*	131,950	108,743
Sidama	967,326	81,349	24,683	77,238	11,949	398,889	373,217
Gedio	212,106	30,279	9,543	21,295	4,290	64,990	81,710
Wolayita	613,062	50,175	46,462	72,513	25,641	217,503	200,767
South Omo	536,912	75,048	44,850	60,382	36,925	172,445	147,261
Shaka	130,857	11,169	7,192	13,430	2,806	52,664	43,596
Kaffa	755,058	97,073	44,879	63,655	25,535	287,002	236,913
Gamo Gofa	784,833	91,192	46,828	68,883	25,953	289,798	262,180
Bench Maji	564,192	66,831	39,707	66,507	18,375	211,985	160,786
Yem Sp. Wereda	29,390	3,163	602	2,615	310	9,190	13,509
Amaro Sp. Wereda	60,090	8,150	4,315	6,115	1,949	23,664	15,897
Burji Sp. Wereda	32,101	4,665	2,434	3,367	476	11,371	9,788
Konso Sp. Wereda	164,034	25,566	8,328	13,149	7,052	49,325	60,613
Derashe Sp. Wereda	124,473	21,072	5,638	10,393	6,714	47,345	33,312
Dawro	171,716	25,503	6,303	14,458	6,762	55,652	63,038
Basketo Sp. Wereda	55,823	8,817	2,695	6,667	2,492	19,562	15,590
Konta Sp. Wereda	77,226	10,005	4,355	8,691	3,771	29,483	20,921
Silte	497,404	54,696	18,533	37,172	14,202	173,305	199,496
Alaba Sp. Wereda	146,450	15,424	6,768	14,522	5,436	60,397	43,903
Gambela Region	173,844	19,732	17,737	22,758	6,364	65,506	41,747
Angnuwak	92,477	9,377	10,551	12,305	*	39,218	18,468
Nuware	10,884	1,907	1,311	1,233	1,231	2,314	2,889
Mezhenger	45,803	4,433	2,932	5,606	865	17,101	14,866
Itang Special	24,680	4,015	2,942	3,614	1,712	6,874	5,524
Harari	36,288	5,498	2,249	3,628	1,581	10,561	12,770
Hundene	36,288	5,498	2,249	3,628	1,581	10,561	12,770
Dire Dawa	56,283	6,433	3,343	4,706	1,679	10,624	29,499

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	38,207,522	4,281,304	2,047,319	3,629,520	1,483,234	14,419,290	12,346,856
Tigray	3,788,404	333,256	309,990	468,746	205,336	1,479,681	991,394
North West Tigray	1,101,272	82,275	104,525	148,562	84,565	479,901	201,444
Central Tigray	1,067,877	95,987	75,817	131,861	57,830	427,028	279,354
Eastern Tigray	470,717	49,789	24,951	48,622	26,222	113,283	207,851
Southern Tigray	636,941	66,421	44,270	70,720	14,036	238,725	202,770
Western Tigray	511,596	38,785	60,427	68,982	22,684	220,744	99,975
Afar	53,392	6,201	4,163	6,070	6,544	13,928	16,486
Zone 1	536	*	*	-	*	-	326
Zone 3	52,856	6,055	4,130	6,070	6,514	13,928	16,160
Amhara	12,045,486	1,354,334	576,870	1,108,040	385,368	4,711,291	3,909,583
North Gondar	2,948,345	237,218	177,993	308,307	77,792	1,409,993	737,042
South Gondar	1,394,772	102,413	70,052	138,350	32,756	614,107	437,093
North Wolo	1,120,728	232,991	62,486	114,510	44,439	333,325	332,977
South Wolo	1,648,252	336,951	49,138	121,248	70,011	353,605	717,298
North Shewa	1,093,095	121,077	39,873	82,551	26,144	334,625	488,826
East Gojam	743,234	71,145	30,329	61,501	22,975	241,421	315,864
West Gojam	1,675,862	111,685	79,032	163,569	50,157	774,814	496,604
Waghamera	391,385	51,498	19,754	32,423	25,576	156,226	105,908
Awı	686,807	44,611	32,615	58,057	22,881	335,951	192,693
Oromia	307,199	39,188	13,619	23,994	11,804	141,519	77,074
Argoba Special	35,807	5,559	1,978	3,529	832	15,706	8,204
Oromia	13,891,097	1,680,960	708,822	1,258,180	613,083	4,978,760	4,651,292
West Wellega	948,383	100,094	59,000	94,801	29,336	410,093	255,060
East Wellega	773,269	88,907	37,116	60,063	34,943	348,345	203,895
Illubabor	880,072	123,067	36,896	81,256	41,380	330,604	266,869
Jimma	1,304,263	136,813	33,243	67,567	30,670	581,053	454,918
West Shewa	889,621	102,882	24,211	54,955	34,490	342,505	330,577
North Shewa	489,634	61,450	24,773	40,948	17,748	99,580	245,135
East Shewa	793,431	88,522	44,819	73,368	37,077	273,652	275,994
Arsi	1,434,515	174,183	83,670	126,844	71,269	459,211	519,337
West Harerghe	1,159,830	142,335	83,497	134,893	42,350	388,032	368,722
East Harerghe	1,202,128	144,610	64,737	129,767	60,160	328,274	474,580
Bale	597,748	75,084	50,569	73,019	18,497	160,156	220,423
Borena	471,800	71,854	28,596	65,840	22,683	148,767	134,060
South West Shewa	510,934	57,867	14,165	31,119	32,885	182,681	192,217
Gujj	757,310	112,075	38,671	69,021	49,593	270,618	217,332
West Arsi	615,583	72,185	32,299	58,417	37,646	206,039	208,998
Kelem Wellega	743,460	85,750	38,233	65,600	36,169	319,419	198,288
Horoguduru Wellega	319,117	43,282	14,326	30,701	16,187	129,731	84,889

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	112,581	17,967	10,046	8,815	8,728	21,852	45,173
Shinele	1,674	*	-	*	-	613	*
Jijiga	15,669	2,342	*	*	*	*	5,137
Liben	95,238	15,392	8,169	7,520	5,373	19,548	39,236
Benshangul-Gumuz	705,923	68,685	49,068	71,525	18,244	339,108	159,293
Metekel	328,039	30,065	22,987	31,754	10,545	158,916	73,772
Asosa	209,819	22,938	15,153	20,684	4,201	98,182	48,660
Kemeshi	104,519	11,037	7,654	12,855	1,888	47,554	23,529
Pawe Special	26,477	1,725	1,518	2,760	725	14,626	5,123
Mao Komo	37,070	2,920	1,755	3,471	885	19,829	8,209
SNNP	7,346,931	788,622	365,140	677,098	236,358	2,788,496	2,491,216
Gurage	552,681	59,046	15,563	48,794	19,437	164,505	245,337
Hadiya	672,868	53,282	22,616	55,079	17,171	333,329	191,391
Kembata Tembaro	287,136	19,908	7,728	26,273	*	127,487	102,510
Sidama	941,232	73,338	24,683	71,868	11,477	395,034	364,832
Gedio	209,882	29,190	9,543	21,295	4,290	64,990	80,574
Wolayita	606,528	48,183	46,047	71,235	25,404	217,075	198,584
South Omo	533,603	74,102	44,276	60,382	36,206	172,445	146,193
Shaka	125,211	10,111	6,368	12,648	2,749	51,170	42,165
Kaffa	745,395	93,932	44,190	62,314	25,535	286,302	233,123
Gamo Gofa	776,992	89,785	46,580	68,355	25,434	288,783	258,055
Bench Maji	558,963	65,649	38,777	65,307	17,721	211,381	160,128
Yem Sp. Wereda	28,635	2,927	501	2,486	310	9,190	13,222
Amaro Sp. Wereda	59,772	8,061	4,315	6,115	1,949	23,664	15,668
Burji Sp. Wereda	31,940	4,628	2,408	3,340	476	11,371	9,717
Konso Sp. Wereda	161,213	24,982	8,028	12,536	7,052	48,789	59,826
Derashe Sp. Wereda	123,829	20,838	5,638	10,393	6,665	47,169	33,126
Dawro	170,632	25,330	6,303	14,458	6,511	55,652	62,378
Basketo Sp. Wereda	54,306	8,380	2,573	6,431	2,372	19,401	15,148
Konta Sp. Wereda	75,381	9,696	4,165	8,353	3,771	29,002	20,393
Silte	488,653	52,860	18,199	35,361	13,222	172,138	196,873
Alaba Sp. Wereda	142,077	14,394	6,640	14,075	5,373	59,621	41,974
Gambela Region	173,683	19,686	17,737	22,758	6,364	65,460	41,678
Angnuwak	92,477	9,377	10,551	12,305	*	39,218	18,468
Nuware	10,884	1,907	1,311	1,233	1,231	2,314	2,889
Mezhenger	45,642	4,387	2,932	5,606	865	17,055	14,797
Itang Special	24,680	4,015	2,942	3,614	1,712	6,874	5,524
Harari	35,221	5,325	2,195	3,582	1,560	10,241	12,318
Hundene	35,221	5,325	2,195	3,582	1,560	10,241	12,318
Dire Dawa	54,805	6,268	3,289	4,706	1,648	10,473	28,421

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,219,564	164,857	63,470	123,440	53,441	305,593	508,764
Tigray	421,307	45,254	27,308	43,946	28,304	128,430	148,065
North West Tigray	54,587	4,391	5,239	5,417	*	25,843	10,337
Central Tigray	161,670	15,717	11,957	17,256	14,326	42,875	59,540
Eastern Tigray	86,573	11,530	4,847	10,030	4,390	18,558	37,217
Southern Tigray	94,150	11,970	3,122	8,677	*	28,159	37,543
Western Tigray	24,327	1,647	2,143	-	-	12,995	3,428
Afar	*	*	-	-	-	-	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	-	-	-	-	*
Amhara	302,131	29,801	14,645	31,332	12,125	82,611	131,616
North Gondar	39,029	*	*	-	-	12,810	16,027
South Gondar	41,302	4,487	-	-	-	-	24,716
North Wolo	5,938	*	*	-	*	-	3,034
South Wolo	15,260	-	-	-	-	-	7,417
North Shewa	21,784	3,574	-	-	1,972	-	14,352
East Gojam	38,480	-	-	-	2,064	-	16,878
West Gojam	107,435	9,774	-	16,689	6,486	34,889	35,232
Waghamera	*	*	-	-	-	-	2,214
Awı	19,313	1,823	-	-	-	-	10,388
Oromia	3,418	-	-	-	-	-	1,300
Argoba Special	-	-	-	-	-	-	-
Oromia	396,863	67,614	17,578	35,041	9,439	77,393	189,797
West Wellega	3,027	861	-	-	-	-	1,292
East Wellega	*	*	-	-	-	-	-
Illubabor	33,653	5,990	2,065	2,528	-	5,880	15,815
Jimma	32,919	10,041	-	-	-	8,776	12,500
West Shewa	32,907	6,248	-	-	-	*	18,539
North Shewa	27,539	4,300	-	3,641	-	-	14,192
East Shewa	31,073	4,416	-	-	2,861	-	15,112
Arsi	56,717	9,016	2,657	-	-	-	27,149
West Harerghe	53,787	9,954	-	5,423	-	15,730	20,020
East Harerghe	50,529	6,980	-	8,500	-	-	22,612
Bale	22,165	4,585	-	-	-	-	12,531
Borena	-	-	-	-	-	-	-
South West Shewa	20,107	2,502	-	-	*	*	9,210
Guji	-	-	-	-	-	-	-
West Arsi	18,382	*	-	-	*	*	12,853
Kelem Wellega	*	-	-	-	-	-	*
Horoguduru Wellega	2,814	817	-	-	-	-	1,205

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale							
Shinele							
Jijiga							
Liben							
Benshangul-Gumuz	1,619	306				475	820
Metekel	404	130					274
Asosa	*	*					*
Kemeshi							
Pawe Special	712					475	192
Mao Komo							
SNNP	94,653	21,415	3,832	12,982	3,512	16,191	36,721
Gurage	7,729	*		*			4,991
Hadiya	3,764	*		*			1,547
Kembata Tembaro	12,642	1,227	*	693		*	5,914
Sidama	23,820	*			*		7,056
Gedio	1,592	795					797
Wolayita	4,768	*			*		*
South Omo							
Shaka			*	*	*	*	
Kaffa	7,263			*			2,940
Gamo Gofa	7,458	1,024					
Bench Maji			*	*	*		*
Yem Sp. Wereda	337	105	*	*			129
Amaro Sp. Wereda							
Burji Sp. Wereda	*	*					
Konso Sp. Wereda		*					
Derashe Sp. Wereda							
Dawro	*	*					*
Basketo Sp. Wereda	1,239	320	*	*			*
Konta Sp. Wereda	1,784	280	*	338		480	528
Silte	7,312	*	*	*			*
Alaba Sp. Wereda	*	*	*	*	*		1,473
Gambela Region							
Angnuwak							
Nuware							
Mezhenger							
Itang Special							
Harari	*	*				*	373
Hundene	*	*				*	373
Dire Dawa	1,420	*					1,050

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	136,815	20,074	3,592	15,074	4,568	-	78,637
Tigray	52,626	4,289	-	10,227	-	2,566	32,742
North West Tigray	-	-	-	-	*	-	-
Central Tigray	26,082	2,384	-	4,740	-	-	15,721
Eastern Tigray	5,026	-	-	-	-	-	4,053
Southern Tigray	18,039	943	-	4,845	*	-	11,517
Western Tigray	-	-	-	*	*	-	-
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	17,207	3,281	-	-	-	-	12,541
North Gondar	-	*	*	*	-	-	-
South Gondar	2,208	-	*	*	*	*	1,900
North Wolo	2,790	*	*	-	-	*	-
South Wolo	-	*	-	-	*	*	-
North Shewa	-	-	*	*	-	-	-
East Gojam	3,198	*	-	*	-	*	3,198
West Gojam	-	-	*	-	-	-	-
Waghamera	*	*	*	*	*	*	-
Awı	-	-	*	*	*	*	-
Oromia	-	*	*	*	*	*	-
Argoba Special	*	*	-	*	-	*	*
Oromia	41,815	5,048	-	1,831	-	-	22,996
West Wellega	-	-	-	-	-	*	-
East Wellega	*	*	*	*	-	*	*
Illubabor	-	-	-	-	*	-	-
Jimma	-	-	*	*	-	-	-
West Shewa	-	-	*	*	*	*	5,313
North Shewa	-	-	*	-	*	*	-
East Shewa	-	-	*	*	-	*	-
Arsi	-	-	-	*	*	*	-
West Harerghe	-	-	*	-	-	-	-
East Harerghe	-	-	*	-	*	*	-
Bale	-	-	*	*	*	*	-
Borena	-	-	-	-	-	-	-
South West Shewa	-	-	*	*	*	*	2,064
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	-	-	-	*	*	-	-
Metekel	*	*	-	-	-	-	*
Asosa	*	-	-	-	-	-	*
Kemeshi	-	*	-	*	*	-	-
Pawe Special	-	-	-	*	*	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	24,001	7,145	2,062	3,016	-	-	9,528
Gurage	4,048	*	*	-	*	*	-
Hadiya	-	*	-	*	-	*	-
Kembata Tembaro	1,056	-	*	-	-	*	-
Sidama	-	*	-	*	-	*	-
Gedio	-	-	-	-	-	-	-
Wolayita	1,766	*	*	*	-	*	*
South Omo	*	*	*	-	*	-	*
Shaka	3,708	724	*	*	-	*	753
Kaffa	-	1,381	*	*	-	*	-
Gamo Gofa	-	-	*	*	*	*	*
Bench Maji	3,018	927	*	*	*	*	*
Yem Sp. Wereda	418	-	*	*	-	-	-
Amaro Sp. Wereda	*	*	-	-	-	-	*
Burji Sp. Wereda	*	*	*	*	-	-	*
Konso Sp. Wereda	506	*	*	*	-	*	287
Derashe Sp. Wereda	*	*	-	-	*	*	*
Dawro	*	*	-	-	*	-	*
Basketo Sp. Wereda	278	117	*	*	*	*	*
Konta Sp. Wereda	-	-	*	-	-	-	-
Silte	-	*	*	*	*	*	*
Alaba Sp. Wereda	*	*	*	*	-	*	-
Gambela Region	*	*	-	-	-	*	*
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	*	*
Itang Special	-	-	-	-	-	-	-
Harari	*	*	*	*	*	*	-
Hundene	*	*	*	*	*	*	-
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	4,688,278	42,180,346	4,580,303	1.48	40,075,363	29,421	1.58	467,187	78,884	1.56	1,637,796
Tigray	242,868	3,362,018	207,110	1.43	2,566,076	*	*	*	33,824	1.4	776,764
North West Tigray	35,028	505,460	30,769	1.53	407,152	*	*	*	3,922	1.42	*
Central Tigray	86,574	1,741,834	70,316	1.23	1,362,627	*	*	*	15,659	1.17	373,320
Eastern Tigray	48,841	459,656	38,169	1.37	236,192	*	*	*	10,548	1.67	222,219
Southern Tigray	49,670	437,757	46,240	1.46	355,643	-	-	-	*	*	*
Western Tigray	22,755	217,310	21,616	2.05	204,462	*	*	*	*	*	*
Afar	*	*	*	*	*	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	-	-	-	-	-	-
Amhara	975,749	10,650,438	937,660	1.46	9,953,527	13,889	1.86	236,457	24,201	1.63	460,453
North Gonder	219,156	2,502,163	217,252	1.52	2,471,365	*	*	*	-	-	-
South Gonder	110,366	825,389	107,491	1.3	799,215	*	*	*	*	1	*
North Wolo	52,835	511,353	50,266	1.42	483,420	*	*	*	2,125	1.29	25,491
South Wolo	92,628	1,104,592	88,751	1.54	1,030,404	*	*	32,698	2,375	*	*
North Shewa	63,816	396,135	61,717	1.39	362,491	*	*	25,263	*	1	*
East Gojam	122,989	1,236,632	118,163	1.49	1,143,379	*	-	-	4,548	2.16	93,253
West Gojam	179,925	2,652,342	170,788	1.49	2,413,673	*	*	*	4,794	1.48	*
Waghamera	55,474	375,967	48,741	1.36	288,047	*	*	*	5,724	*	*
Awi	65,067	897,402	61,817	1.48	820,441	*	*	*	1,825	*	*
Oromia	11,467	134,277	10,692	1.52	127,296	*	*	*	*	*	*
Argoba Special	2,029	14,186	1,984	1.35	13,796	*	*	*	*	*	*
Oromia	2,447,294	19,842,590	2,426,436	1.44	19,427,317	8,621	1.33	126,064	12,237	1.71	*
West Wellega	319,163	1,022,232	318,957	1.15	1,022,232	*	-	-	-	-	-
East Wellega	301,557	921,320	298,490	1.21	896,378	-	-	-	*	*	*
Illubabor	453,738	*	450,203	1.42	*	*	*	*	*	*	*
Jimma	215,962	2,007,266	209,229	1.42	1,835,610	*	2.1	89,836	*	*	*
West Shewa	120,406	658,966	118,959	1.26	650,246	*	*	*	*	*	*
North Shewa	87,016	*	87,016	1.57	*	-	-	-	-	-	-
East Shewa	18,314	174,007	18,314	1.8	174,007	-	-	-	-	-	-
Arsi	105,274	934,540	104,965	1.52	932,997	*	1	*	-	-	-
West Harerghe	68,220	559,646	67,702	1.73	555,761	-	*	*	*	*	*
East Harerghe	68,311	399,262	64,729	1.4	392,716	*	*	*	*	*	*
Bale	118,257	1,233,873	118,257	1.89	1,233,873	-	-	-	-	-	-
Borena	71,844	325,798	71,535	1.29	321,167	*	*	*	-	-	-
South West Shewa	51,198	204,457	51,198	1.79	204,457	-	-	-	-	-	-
Guji	127,544	837,953	126,917	1.36	832,454	*	*	*	-	-	-
West Arsi	51,487	256,156	51,487	1.28	255,028	-	*	*	-	-	-
Kelem Wellega	173,713	1,007,887	173,309	1.22	1,002,691	*	*	*	-	-	-
Horoguduru Wellega	*	*	*	1.15	*	-	-	-	*	*	*

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	*	*	*	*	*	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-	-	-
Jijiga	*	*	*	*	*	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	186,068	1,143,275	185,449	1.32	1,138,331	*	*	*	*	*	*
Metekel	108,316	879,640	108,316	1.45	879,640	-	-	-	-	-	-
Asosa	41,503	128,279	40,969	1.18	123,872	-	-	-	*	*	*
Kemeshi	11,578	32,787	11,507	1.03	32,292	*	*	*	-	-	-
Pawe Special	577	4,697	577	1.89	4,697	-	-	-	-	-	-
Mao Komo	24,093	97,872	24,079	1.31	97,830	-	-	-	*	*	*
SNNP	798,901	5,950,784	786,378	1.66	5,760,386	4,779	1.7	83,477	7,744	1.85	*
Gurage	50,433	236,728	48,327	1.76	207,647	*	*	*	*	1.98	*
Hadiya	46,012	387,849	45,810	2.17	384,433	-	-	-	*	*	*
Kembata Tembaro	24,211	170,606	23,881	1.94	168,460	-	-	-	*	*	*
Sidama	63,539	328,100	59,218	1.46	291,283	*	*	*	*	*	*
Gedio	42,482	177,145	42,482	1.16	177,145	-	-	-	-	-	-
Wolayita	30,444	313,040	28,513	2.37	255,610	*	*	*	*	*	*
South Omo	83,651	727,692	83,533	1.78	726,746	*	*	*	-	-	-
Shaka	53,901	373,159	52,878	1.3	358,839	*	*	*	*	*	*
Kaffa	195,208	1,375,750	193,824	1.12	1,362,161	*	*	13,590	*	*	-
Gamo Gofa	40,801	291,685	40,801	1.7	291,685	-	-	-	-	-	-
Bench Maji	*	509,507	*	1.72	509,507	-	-	-	-	-	-
Yem Sp. Wereda	7,831	50,237	7,702	1.51	49,101	*	*	*	*	*	*
Amaro Sp. Wereda	6,944	29,008	6,944	1.28	29,008	-	-	-	-	-	-
Burji Sp. Wereda	1,099	2,857	1,099	1.36	2,857	-	-	-	-	-	-
Konso Sp. Wereda	29,518	*	29,518	1.74	*	-	*	-	-	*	-
Derashe Sp. Wereda	1,881	16,364	1,881	1.87	16,364	-	-	-	-	-	-
Dawro	9,483	*	9,483	1.63	*	-	-	-	-	-	-
Basketo Sp. Wereda	3,096	24,571	3,096	1.59	24,571	-	-	-	-	-	-
Konta Sp. Wereda	20,263	*	20,088	1.8	*	-	-	-	*	-	-
Silte	22,404	202,118	22,404	1.81	202,118	-	-	-	-	-	-
Alaba Sp. Wereda	10,791	232,269	9,986	1.74	200,751	*	*	*	*	*	*
Gambella Region	35,122	*	35,091	2.4	*	*	*	*	-	-	-
Agnuwak	*	-	*	*	*	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	31,515	*	31,484	2.34	*	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-
Harari	1,056	11,080	1,056	1.78	11,080	-	-	-	-	-	-
Hundene	1,056	11,080	1,056	1.78	11,080	-	-	-	-	-	-
Dire Dawa	950	5,119	853	1.95	4,335	97	*	785	-	-	-

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	9,173,359	4,403,117	4,770,242	3,202,800	1,910,009	1,292,791	674,856	276,488	398,367
Tigray	566,358	266,485	299,873	281,988	218,591	63,398	20,303	9,547	10,756
North West Tigray	154,278	67,355	86,923	18,268	9,557	8,711	3,832	1,888	1,944
Central Tigray	107,103	52,559	54,545	49,985	33,065	16,920	4,012	2,453	*
Eastern Tigray	67,806	34,358	33,448	35,553	23,568	11,986	3,277	1,479	1,797
Southern Tigray	115,554	55,465	60,089	*	*	21,547	7,770	3,290	4,480
Western Tigray	121,618	56,749	64,869	9,232	4,998	4,234	1,412	*	977
Afar	129,599	49,725	79,874	6,515	2,529	3,986	1,427	*	526
Zone 1	64,946	24,734	40,212	3,659	1,101	2,558	358	156	201
Zone 3	64,653	24,991	39,662	2,856	1,428	1,428	*	*	*
Amhara	1,828,329	886,885	941,444	785,385	521,982	263,404	73,604	29,518	44,086
North Gonder	389,943	189,596	200,346	106,619	78,195	28,424	10,048	3,617	6,431
South Gonder	175,650	90,427	85,223	81,012	49,364	31,648	4,079	*	2,797
North Wolo	186,038	84,898	101,140	87,655	47,677	39,977	7,355	1,508	5,847
South Wolo	283,728	140,334	143,394	169,476	127,951	41,525	8,723	*	7,528
North Shewa	137,460	66,619	70,841	92,888	64,593	28,295	7,157	2,937	4,220
East Gojam	169,631	80,313	89,318	77,034	51,834	25,201	14,028	7,264	6,764
West Gojam	263,140	124,590	138,550	100,148	61,272	38,877	14,356	*	*
Waghamera	42,575	21,348	21,227	11,670	7,122	4,548	3,352	1,635	1,718
Awı	121,704	61,316	60,389	32,157	16,780	15,377	1,806	754	*
Oromia	54,449	25,461	28,987	24,715	15,999	8,716	2,304	898	1,405
Argoba Special	4,013	1,984	2,029	2,011	1,196	815	396	221	175
Oromia	4,228,454	2,048,530	2,179,924	1,293,082	767,552	525,530	306,671	128,116	178,554
West Wellega	155,175	72,868	82,307	49,021	28,365	20,656	*	*	*
East Wellega	153,608	80,385	73,223	57,512	34,033	23,479	*	4,397	*
Illubabor	182,405	84,238	98,167	51,931	29,091	22,840	9,243	5,142	4,101
Jimma	360,243	186,079	174,163	120,571	70,657	49,914	58,862	24,640	34,222
West Shewa	293,393	145,322	148,071	140,437	84,917	55,520	23,327	11,109	12,218
North Shewa	239,911	121,643	118,268	87,218	54,500	32,718	22,709	10,919	11,790
East Shewa	206,341	97,569	108,772	70,737	44,706	26,032	7,867	2,849	5,019
Arsi	442,735	213,947	228,788	129,073	88,140	40,934	23,275	8,433	14,842
West Harerghe	295,130	143,552	151,578	75,759	41,196	34,563	27,679	10,630	17,049
East Harerghe	340,466	167,286	173,180	110,218	60,984	49,234	41,372	16,096	25,276
Bale	283,262	138,104	145,158	77,532	56,735	20,798	10,257	4,105	6,152
Borena	288,645	128,550	160,094	52,830	29,989	22,841	*	*	*
South West Shewa	104,345	49,990	54,355	65,893	34,906	30,987	16,064	7,406	8,658
Guji	261,266	125,266	136,001	40,660	16,160	24,500	3,414	-	3,414
West Arsi	442,446	210,030	232,416	84,863	44,749	40,114	13,222	7,068	*
Kelem Wellega	75,027	34,933	40,094	50,599	31,831	18,768	4,426	1,767	2,659
Horoguduru Wellega	104,056	48,768	55,288	28,226	16,594	11,631	3,494	1,242	2,252

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	177,229	82,383	94,846	8,338	3,611	4,728	2,985	*	1,628
Shinele	10,135	5,257	4,878	369	133	*	311	*	*
Jijiga	101,092	49,428	51,664	3,869	1,967	1,902	726	451	*
Liben	66,001	27,697	38,304	4,100	1,511	2,589	1,949	*	1,167
Benshangul-Gumuz	69,488	34,115	35,373	35,180	18,574	16,606	1,058	*	789
Metekel	45,936	23,116	22,820	12,164	4,877	7,287	561	-	561
Asosa	12,874	5,786	7,088	17,275	10,065	7,209	*	*	*
Kemeshi	2,837	1,387	1,450	2,228	1,380	848	-	-	-
Pawe special	4,185	2,041	2,144	1,821	1,209	612	*	*	*
Mao Komo	3,656	1,786	1,870	1,693	1,043	650	*	*	*
SNNP	2,101,246	1,001,231	1,100,015	780,037	371,643	408,393	263,872	105,583	158,289
Curage	251,875	117,596	134,279	73,201	32,452	40,749	27,184	7,684	19,500
Hadiya	148,359	76,969	71,390	62,587	36,545	26,043	26,817	13,167	13,650
Kembata Tembaro	73,655	35,149	38,506	40,580	22,974	17,606	10,278	5,096	5,182
Sidama	399,860	190,115	209,745	126,193	20,095	106,099	12,594	3,012	9,581
Gedio	20,980	9,500	11,480	51,527	35,459	16,068	*	*	620
Wolayita	167,953	73,728	94,225	110,547	58,775	51,771	11,679	4,084	7,595
South Omo	168,877	82,238	86,639	28,921	15,028	13,893	28,373	11,844	16,529
Shaka	23,564	11,832	11,733	11,360	6,712	4,648	2,891	1,030	1,861
Kaffa	214,552	105,083	109,469	48,855	31,061	17,794	19,648	9,340	10,307
Gamo Gofa	232,108	106,951	125,157	94,006	46,177	47,829	45,230	14,114	31,116
Bench Maji	104,259	52,351	51,908	36,866	15,149	21,717	32,879	13,087	19,792
Yem Sp. Wereda	9,250	4,559	4,691	4,245	2,572	1,673	1,561	1,079	481
Amaro Sp. Wereda	18,870	8,728	10,141	10,213	6,549	3,664	591	303	289
Burji Sp. Wereda	7,579	3,731	3,848	2,763	1,941	821	275	*	152
Konso Sp. Wereda	25,814	11,098	14,716	5,517	2,787	2,731	5,119	2,518	2,601
Derashe Sp. Wereda	7,253	3,798	3,455	3,879	2,689	1,190	2,464	1,312	1,152
Dawro	63,375	32,082	31,293	25,304	11,579	13,724	1,464	*	*
Basketo Sp. Wereda	5,911	2,961	2,950	6,572	4,314	2,258	2,656	899	1,757
Konta Sp. Wereda	16,262	8,319	7,943	5,180	2,063	3,117	1,557	619	938
Silte	105,527	48,431	57,095	24,023	12,030	11,993	24,798	12,083	12,715
Alaba Sp. Wereda	35,365	16,011	19,354	7,697	4,690	3,007	5,026	3,097	1,929
Gambela Region	51,653	23,248	28,405	8,040	3,379	4,661	3,195	746	2,449
Angnuwak	6,516	3,622	2,893	3,927	2,164	*	*	*	*
Nuware	25,503	10,847	14,656	669	155	*	1,427	400	1,027
Mezhenger	6,011	3,120	2,891	2,693	795	1,898	610	100	511
Itang Special	13,623	5,659	7,964	751	264	487	372	99	273
Harari	8,877	4,215	4,662	2,341	1,104	1,238	938	214	724
Hundene	8,877	4,215	4,662	2,341	1,104	1,238	938	214	724
Dire Dawa	12,125	6,299	5,827	1,893	1,045	848	804	238	565

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	11,384,968	5,387,825	5,997,143	3,344,949	1,474,843	1,870,105	480,918	87,734	393,184
Tigray	510,585	236,454	274,130	143,765	46,146	97,619	4,416	*	3,196
North West Tigray	32,268	14,157	18,111	6,399	*	5,538	-	-	-
Central Tigray	112,295	54,023	58,273	25,896	3,720	22,176	*	*	*
Eastern Tigray	210,449	100,172	110,277	52,402	14,491	37,911	2,644	*	2,328
Southern Tigray	133,585	57,038	76,548	56,049	25,615	30,434	*	*	*
Western Tigray	21,987	11,065	*	*	*	*	*	-	*
Afar	151,870	59,839	92,031	10,790	5,991	4,799	*	*	1,342
Zone 1	70,301	26,801	43,500	4,195	2,323	1,872	793	*	634
Zone 3	81,569	33,038	48,531	6,595	3,668	2,927	*	*	*
Amhara	4,376,719	2,119,938	2,256,781	1,452,484	739,461	713,023	133,035	23,989	109,046
North Gonder	545,709	253,281	292,428	142,575	61,763	80,812	*	*	*
South Gonder	433,382	213,918	219,463	139,028	56,054	82,973	*	-	*
North Wolo	362,960	167,511	195,450	112,661	39,917	72,744	*	*	*
South Wolo	1,000,896	475,299	525,596	353,994	201,102	152,892	57,791	12,596	45,195
North Shewa	430,471	205,686	224,786	102,142	43,070	59,072	10,054	2,211	7,844
East Gojam	775,431	391,999	383,432	254,638	136,455	118,183	20,180	2,767	17,412
West Gojam	515,550	253,358	262,192	233,309	132,962	100,348	*	*	*
Waghamera	41,772	20,065	21,708	9,304	2,523	6,781	*	*	*
Awi	254,452	130,130	124,323	93,145	58,257	34,889	4,027	-	4,027
Oromia	15,810	8,533	7,277	11,404	7,132	4,272	*	-	*
Argoba Special	286	160	126	284	227	*	-	-	-
Oromia	4,358,019	2,058,845	2,299,174	1,166,072	493,239	672,834	190,302	31,637	158,665
West Wellega	158,803	71,690	87,113	41,063	6,356	34,707	6,344	-	6,344
East Wellega	137,104	65,854	71,249	33,935	*	23,371	*	*	*
Illubabor	198,976	93,474	105,502	56,633	13,489	43,144	8,287	*	7,393
Jimma	374,508	184,508	190,000	121,269	50,604	70,665	56,218	8,082	48,136
West Shewa	517,134	250,885	266,249	93,700	46,334	47,366	19,461	2,242	17,219
North Shewa	586,094	286,124	299,970	257,439	172,911	84,529	50,061	*	38,873
East Shewa	287,155	140,944	146,210	35,343	6,586	28,757	7,179	1,261	5,918
Arsi	748,072	353,547	394,525	138,973	38,343	100,630	8,705	*	6,936
West Harerghe	86,333	39,702	46,631	34,542	9,163	25,379	4,196	*	3,241
East Harerghe	131,927	63,383	68,544	43,339	21,032	22,307	10,849	1,794	9,055
Bale	131,612	63,665	67,947	24,899	5,217	19,682	2,669	*	2,254
Borena	85,503	38,198	47,305	21,421	5,465	15,956	*	*	*
South West Shewa	98,560	43,353	55,207	89,059	54,397	34,662	4,394	*	3,906
Guji	125,823	61,759	64,064	37,242	7,597	29,646	*	-	*
West Arsi	474,469	201,891	272,578	77,865	26,255	51,609	1,996	*	1,713
Kelem Wellega	114,248	53,386	60,862	37,114	*	29,351	2,100	-	2,100
Horoguduru Wellega	101,700	46,480	55,219	22,236	11,162	11,073	947	*	756

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	416,412	178,907	237,505	15,975	6,094	9,881	4,087	1,448	2,638
Shinele	80,595	30,912	49,684	*	926	*	*	*	*
Jijiga	260,297	114,196	146,101	7,666	*	4,149	*	*	*
Liben	75,520	33,800	41,720	6,031	1,650	4,380	796	*	680
Benshangul-Gumuz	44,114	20,795	23,320	19,775	5,434	14,342	449	155	*
Metekel	20,607	10,076	10,531	7,472	3,303	4,169	74	74	-
Asosa	10,884	5,018	5,866	8,640	1,290	7,350	*	*	*
Kemeshi	5,514	2,513	3,001	1,748	541	1,207	-	-	-
Pawe special	1,107	521	586	472	83	389	*	-	*
Mao Komo	6,003	2,667	3,336	1,444	218	1,226	*	*	*
SNNP	1,485,266	693,233	792,033	527,134	173,449	353,685	144,244	27,156	117,088
Gurage	174,498	78,851	95,647	56,788	19,724	37,064	11,040	1,994	9,046
Hadiya	109,587	48,974	60,614	36,354	10,523	25,831	20,308	2,857	17,451
Kembata Tembaro	45,094	21,775	23,319	20,600	10,894	9,706	7,847	774	7,073
Sidama	155,006	75,669	79,337	75,602	10,163	65,439	*	*	4,576
Gedio	75,399	38,528	36,872	48,738	18,624	30,114	2,182	*	*
Wolayita	77,496	36,762	40,734	47,726	11,654	36,072	11,943	3,771	8,172
South Omo	128,014	59,017	68,996	21,295	6,828	14,467	10,008	1,861	8,147
Shaka	28,818	14,130	14,689	19,668	10,563	9,105	2,991	459	2,533
Kaffa	214,974	102,713	112,261	45,583	22,613	22,970	22,448	*	16,934
Gamo Gofa	117,037	44,827	72,210	50,305	14,912	35,392	12,456	1,874	10,582
Bench Maji	66,152	31,480	34,672	35,985	12,042	23,943	10,145	*	8,828
Yem Sp. Wereda	13,385	6,329	7,056	2,974	399	2,575	1,358	*	1,331
Amaro Sp. Wereda	12,883	5,035	7,848	3,023	1,746	1,276	*	*	-
Burji Sp. Wereda	1,571	842	729	372	95	277	-	-	-
Konso Sp. Wereda	36,729	16,055	20,674	5,370	2,441	2,929	6,372	1,500	*
Derashe Sp. Wereda	5,396	3,077	2,319	1,981	973	1,008	*	*	*
Dawro	33,549	18,495	15,055	21,680	9,716	11,965	*	*	*
Basketo Sp. Wereda	5,014	2,183	2,831	3,190	405	2,785	996	*	942
Konta Sp. Wereda	5,069	2,540	2,529	5,080	3,106	1,974	1,064	428	*
Silte	155,942	75,521	80,421	20,590	5,508	15,083	12,724	*	11,460
Alaba Sp. Wereda	23,653	10,432	13,222	4,231	521	3,710	2,026	324	1,702
Gambela Region	17,093	7,825	9,268	5,430	2,652	2,779	198	*	*
Angnuwak	939	*	579	3,927	2,164	*	-	-	-
Nuware	7,728	3,591	4,137	669	155	*	*	*	*
Mezhenger	3,809	2,113	1,696	2,693	795	1,898	114	*	91
Itang Special	4,616	1,760	2,856	751	264	487	-	-	-
Harari	1,625	828	797	580	371	210	*	*	*
Hundene	1,625	828	797	2,341	1,104	1,238	*	*	*
Dire Dawa	23,266	11,162	12,104	2,943	2,007	936	1,191	570	621

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	9,001,416	4,195,522	4,805,894	1,835,660	699,475	1,136,184	253,907	56,633	197,274
Tigray	1,112,219	499,343	612,875	350,926	*	133,408	8,444	4,210	4,234
North West Tigray	336,845	147,819	189,026	42,102	11,626	30,476	1,496	*	798
Central Tigray	433,529	197,682	235,847	49,192	7,814	41,378	*	*	*
Eastern Tigray	66,821	31,620	35,201	15,215	6,133	9,082	*	*	*
Southern Tigray	153,788	65,704	88,084	*	*	36,963	1,881	*	*
Western Tigray	121,235	56,519	64,716	23,023	7,515	15,509	1,172	500	672
Afar	246,071	89,718	156,354	11,470	6,808	4,662	*	*	1,944
Zone 1	113,132	39,299	73,833	4,194	1,482	2,713	897	172	725
Zone 3	132,939	50,419	82,521	7,275	5,326	1,949	*	*	*
Amhara	2,539,217	1,225,436	1,313,781	651,504	249,553	401,952	47,860	9,843	38,017
North Gonder	722,350	369,612	352,738	119,705	45,659	74,046	2,601	*	2,113
South Gonder	350,385	161,360	189,025	135,387	51,038	84,349	1,321	*	*
North Wolo	202,057	91,812	110,245	65,972	21,178	44,794	*	*	*
South Wolo	239,397	119,827	119,570	77,051	32,594	44,457	*	*	*
North Shewa	298,268	145,303	152,965	49,934	23,594	26,340	6,495	*	4,434
East Gojam	220,717	102,458	118,260	75,017	31,182	43,834	*	*	*
West Gojam	202,697	92,016	110,682	53,276	22,210	31,067	*	-	*
Waghamera	127,088	58,248	68,840	25,426	5,328	20,098	*	*	*
Awi	59,470	29,655	29,816	21,204	9,669	11,536	*	-	*
Oromia	105,569	49,382	56,187	25,052	6,162	18,890	6,242	*	*
Argoba Special	11,218	5,765	5,453	3,479	938	2,541	697	*	516
Oromia	3,277,186	1,559,409	1,717,776	508,397	141,193	367,204	134,305	30,358	103,948
West Wellega	65,774	35,257	30,517	10,615	2,789	7,826	*	*	*
East Wellega	89,314	42,114	47,200	23,482	4,498	18,983	*	*	*
Illubabor	100,863	47,774	53,089	28,027	4,822	23,205	3,904	*	3,439
Jimma	100,464	49,346	51,118	26,229	*	16,154	8,433	1,825	6,607
West Shewa	189,370	104,536	84,834	40,616	13,234	27,382	12,552	*	10,326
North Shewa	107,810	53,851	53,959	22,021	9,637	12,385	*	*	*
East Shewa	300,736	138,966	161,770	27,510	9,106	18,405	*	*	*
Arsi	299,214	145,359	153,854	45,469	12,343	33,125	9,344	*	7,969
West Harerghe	410,975	188,239	222,736	53,534	20,115	33,419	24,482	5,042	19,440
East Harerghe	479,310	225,892	253,418	64,467	12,332	52,135	35,099	11,689	23,411
Bale	354,120	163,299	190,820	54,114	12,612	41,502	11,053	*	8,046
Borena	246,989	106,938	140,051	19,093	3,943	15,151	7,385	1,650	5,736
South West Shewa	80,230	42,442	37,788	18,310	6,503	11,807	5,323	*	5,124
Guji	171,637	81,396	90,241	19,827	3,605	16,222	2,495	*	1,900
West Arsi	147,255	70,416	76,839	24,164	8,180	15,984	*	-	*
Kelem Wellega	73,562	36,129	37,433	17,884	2,407	15,477	2,716	536	2,180
Horoguduru Wellega	59,565	27,455	32,109	13,036	4,994	8,041	*	-	*

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	557,839	244,570	313,269	25,058	9,577	15,480	6,586	2,144	4,442
Shinele	197,954	83,050	114,904	*	2,691	*	*	*	*
Jijiga	199,735	92,695	107,040	6,169	2,945	3,225	1,975	*	*
Liben	160,150	68,824	91,326	10,337	3,941	6,396	1,985	653	1,332
Benshangul-Gumuz	281,286	116,802	164,484	60,610	12,342	48,268	2,575	368	2,207
Metekel	100,940	47,262	53,678	12,119	5,280	6,839	1,362	358	1,004
Asosa	142,588	52,761	89,827	40,756	5,505	35,251	*	-	*
Kemeshi	27,870	12,210	15,659	5,278	1,056	4,221	*	-	*
Pawe special	2,034	1,248	786	868	280	588	*	*	-
Mao Komo	7,856	3,322	4,534	1,590	220	1,370	91	-	91
SNNP	893,157	416,390	476,767	218,019	59,304	158,715	46,596	7,210	39,386
Gurage	51,670	24,163	27,507	16,427	4,429	11,998	4,156	*	3,920
Hadiya	39,678	21,805	17,873	15,539	3,776	11,763	3,704	*	3,511
Kembata Tembaro	20,847	8,906	11,941	9,428	2,522	6,906	1,930	*	1,819
Sidama	60,552	27,286	33,266	40,757	10,038	30,719	*	-	*
Gedio	*	*	*	2,503	1,176	1,327	-	-	-
Wolayita	40,276	19,759	20,518	15,983	3,124	12,859	1,792	*	1,571
South Omo	279,315	130,144	149,172	15,068	4,847	10,221	4,732	*	3,392
Shaka	4,499	2,322	2,177	2,422	1,413	1,009	325	*	273
Kaffa	61,806	26,779	35,027	12,161	4,086	8,075	3,674	*	3,184
Gamo Gofa	78,112	33,900	44,212	35,780	8,613	27,167	6,084	*	4,813
Bench Maji	23,912	12,627	11,285	9,018	2,403	6,615	1,503	*	1,160
Yem Sp. Wereda	8,188	3,798	4,389	938	*	912	683	-	683
Amaro Sp. Wereda	26,292	12,279	14,013	5,142	1,723	3,419	*	*	*
Burji Sp. Wereda	10,365	5,272	5,093	1,954	565	1,389	*	*	*
Konso Sp. Wereda	74,456	32,604	41,852	7,062	3,309	3,754	5,453	1,518	3,935
Derashe Sp. Wereda	22,536	11,633	10,904	4,320	1,205	3,115	3,231	790	2,442
Dawro	18,798	10,307	8,491	5,794	1,959	3,835	*	-	*
Basketo Sp. Wereda	3,725	2,093	*	*	*	*	*	-	*
Konta Sp. Wereda	4,754	2,481	2,273	2,235	482	1,753	*	-	*
Silte	37,533	17,436	20,097	9,939	2,943	6,996	*	*	*
Alaba Sp. Wereda	21,692	9,246	12,446	2,789	270	2,518	1,234	*	1,166
Gambela Region	19,539	8,010	11,530	3,610	566	3,045	*	*	*
Angnuwak	5,496	2,490	3,006	385	125	260	*	*	*
Nuware	8,955	3,543	5,412	*	*	*	*	*	*
Mezhenger	492	222	270	4,131	2,146	1,985	*	-	*
Itang Special	4,596	1,755	2,841	*	*	*	*	*	*
Harari	14,626	7,245	7,381	2,430	661	1,768	1,234	*	1,214
Hundene	14,626	7,245	7,381	580	371	210	1,234	*	1,214
Dire Dawa	60,276	28,599	31,677	3,637	1,954	1,683	2,023	645	1,378

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	131,647	59,817	71,830	152,227	89,117	63,110	14,165	3,074	11,092
Tigray	*	*	*	3,063	1,415	*	*	*	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	-	*	*	*	*	*	*	-
Eastern Tigray	-	-	-	*	*	*	-	-	-
Southern Tigray	*	*	*	*	*	*	-	-	-
Western Tigray	-	-	-	405	405	-	-	-	-
Afar	*	-	*	*	-	*	-	-	-
Zone 1	*	-	*	*	-	*	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Amhara	22,073	9,919	12,155	35,808	19,259	16,548	2,618	*	1,931
North Gonder	4,135	*	2,961	4,499	2,547	1,952	-	-	-
South Gonder	*	*	*	2,509	1,262	1,248	-	-	-
North Wolo	*	*	*	6,060	3,103	*	*	*	*
South Wolo	*	*	*	6,850	*	5,284	*	*	*
North Shewa	*	*	*	2,768	*	*	-	-	-
East Gojam	*	*	*	4,986	3,304	1,682	*	-	*
West Gojam	*	*	*	2,377	*	*	-	-	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	2,876	*	*	5,451	3,968	1,483	*	-	*
Oromia	-	-	-	*	*	*	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	83,378	36,552	46,825	80,528	48,718	31,810	6,553	1,365	5,188
West Wellega	*	-	*	*	-	*	-	-	-
East Wellega	*	*	-	*	*	-	-	-	-
Illubabor	4,688	2,021	*	2,726	891	1,835	-	-	-
Jimma	6,045	2,992	3,053	6,808	3,026	3,782	2,218	-	2,218
West Shewa	14,416	7,188	7,228	13,165	8,306	4,859	*	-	*
North Shewa	10,080	6,434	3,646	*	*	*	*	*	*
East Shewa	*	*	-	*	*	-	-	-	-
Arsi	19,194	5,706	13,488	14,179	8,337	5,841	-	-	-
West Harerghe	-	-	-	*	-	*	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	832	*	6,124	5,029	*	-	-	-
Borena	*	-	*	*	-	*	-	-	-
South West Shewa	2,013	*	*	4,384	3,846	*	*	-	*
Guji	8,132	3,152	4,981	8,937	4,477	*	891	*	*
West Arsi	12,877	4,879	7,998	13,990	9,718	4,272	1,132	-	1,132
Kelem Wellega	*	*	*	685	*	*	-	-	-
Horoguduru Wellega	2,765	1,605	1,160	1,669	721	948	-	-	-

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	420,431	215,517	204,913	427,787	247,986	179,801	27,878	12,042	15,835
Tigray	37,464	22,142	15,322	36,249	22,744	13,505	*	*	*
North West Tigray	4,893	3,301	1,592	3,049	1,971	1,078	-	-	-
Central Tigray	13,688	7,010	6,678	11,636	5,783	5,853	-	-	-
Eastern Tigray	7,597	5,324	2,273	6,625	4,084	2,541	*	*	*
Southern Tigray	10,102	5,773	4,329	11,978	8,488	3,490	-	-	-
Western Tigray	1,183	734	449	2,961	2,418	543	-	-	-
Afar	*	1,962	*	772	395	377	*	*	*
Zone 1	969	557	412	454	*	331	-	-	-
Zone 3	*	*	*	*	*	*	*	*	*
Amhara	169,707	84,869	84,838	170,765	90,244	80,521	4,121	1,758	2,362
North Gonder	23,304	11,647	11,657	27,151	16,329	10,822	-	-	-
South Gonder	22,489	13,096	9,393	15,369	5,230	10,140	*	-	*
North Wolo	19,208	9,298	9,910	31,996	15,370	16,626	-	-	-
South Wolo	29,296	14,501	14,795	24,770	12,693	12,077	*	*	*
North Shewa	19,368	10,607	8,761	23,087	14,618	8,469	*	-	*
East Gojam	25,955	11,285	14,669	17,321	7,494	9,827	*	-	*
West Gojam	20,803	9,652	11,152	14,171	7,624	6,547	*	*	*
Waghamera	3,773	2,141	1,632	4,559	2,436	2,123	*	*	-
Awi	3,562	1,927	1,635	9,018	6,657	2,361	-	-	-
Oromia	1,781	640	1,142	3,197	1,747	1,450	-	-	-
Argoba Special	168	76	92	125	46	79	*	-	*
Oromia	167,894	85,496	82,398	160,155	98,077	62,079	18,742	7,616	11,126
West Wellega	11,156	4,231	6,925	7,874	4,763	3,111	*	-	*
East Wellega	8,622	4,456	4,166	8,641	5,553	3,089	*	-	*
Illubabor	1,574	*	*	1,973	1,973	-	-	-	-
Jimma	*	*	-	8,253	7,132	*	*	*	*
West Shewa	12,121	6,331	5,790	12,040	8,007	4,033	*	*	*
North Shewa	16,056	9,700	6,357	12,119	7,212	4,907	*	*	*
East Shewa	17,320	9,399	7,922	10,488	6,410	4,078	947	*	*
Arsi	19,956	10,882	9,074	20,677	9,422	11,255	*	*	-
West Harerghe	12,800	5,498	7,302	8,578	5,853	2,725	3,419	*	2,592
East Harerghe	12,419	6,718	5,700	13,642	9,187	4,455	6,702	3,223	3,480
Bale	17,313	8,220	9,093	17,604	10,292	7,312	2,054	824	*
Borena	3,386	1,991	1,395	4,301	2,855	1,446	*	*	*
South West Shewa	6,971	2,892	4,080	8,853	5,864	2,990	-	-	-
Guji	6,797	*	3,348	4,404	2,643	*	*	*	-
West Arsi	14,423	7,449	6,974	11,162	5,283	5,879	*	*	*
Kelem Wellega	2,453	935	1,518	5,130	3,528	1,602	-	-	-
Horoguduru Wellega	4,166	1,847	2,319	4,417	2,102	2,315	404	*	*

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	5,780	3,114	2,665	2,639	1,523	1,116	*	*	*
Shinele	1,891	705	1,186	874	*	*	-	-	-
Jijiga	2,580	1,597	984	962	*	*	-	-	-
Liben	1,308	813	*	803	*	558	*	*	*
Benshangul-Gumuz	8,991	5,053	3,939	15,756	9,736	6,020	*	-	*
Metekel	809	549	261	3,283	2,949	334	-	-	-
Asosa	7,626	4,123	3,503	9,689	4,455	5,234	*	-	*
Kemeshi	255	154	*	2,316	2,013	303	-	-	-
Pawe special	*	*	-	58	*	*	-	-	-
Mao Komo	276	202	*	409	289	121	-	-	-
SNNP	25,036	12,206	12,830	40,982	25,057	15,925	3,878	2,127	1,751
Gurage	2,365	*	1,334	5,036	2,576	2,460	*	-	*
Hadiya	4,139	1,731	2,408	4,891	2,996	1,896	*	*	-
Kembata Tembaro	978	*	650	3,053	2,835	*	*	-	*
Sidama	*	*	3,639	7,177	4,612	*	*	*	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	*	*	*	5,027	4,364	*	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	-	-	-	*	*	-	-	-	-
Kaffa	-	-	-	*	*	-	*	*	-
Gamo Gofa	987	*	*	5,348	*	*	*	-	*
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	161	*	*	104	*	*	*	*	*
Amaro Sp. Wereda	-	-	-	*	*	*	-	-	-
Burji Sp. Wereda	367	161	206	311	168	*	-	-	-
Konso Sp. Wereda	*	-	*	*	*	*	-	-	-
Derashe Sp. Wereda	351	*	216	*	*	179	*	*	-
Dawro	*	-	*	*	*	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	3,872	2,026	1,845	5,029	2,072	2,957	1,330	688	*
Alaba Sp. Wereda	2,493	1,304	1,189	1,079	*	796	*	*	*
Gambela Region	-	-	-	*	*	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	305	*	*	233	*	137	*	*	-
Hundene	305	*	*	-	-	-	*	*	-
Dire Dawa	966	529	437	211	*	*	215	*	180

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	19,370	9,498	9,871	48,804	26,734	22,070	*	*	-
Tigray	*	*	-	*	*	-	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	-	-	-	-
Western Tigray	-	-	-	-	-	-	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Amhara	8,610	4,361	4,249	22,333	12,196	10,137	*	*	-
North Gondar	-	-	-	1,581	1,581	-	-	-	-
South Gondar	*	*	*	1,908	*	*	-	-	-
North Wolo	*	*	*	3,987	1,114	2,872	-	-	-
South Wolo	4,678	*	2,717	7,681	3,581	4,100	-	-	-
North Shewa	*	*	-	*	*	*	-	-	-
East Gojam	*	-	*	1,253	1,253	-	-	-	-
West Gojam	*	-	*	*	*	*	*	*	-
Waghamera	*	*	-	871	*	*	-	-	-
Awi	*	*	-	1,261	895	*	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	8,287	3,831	4,456	20,285	10,285	10,000	*	*	-
West Wellega	-	-	-	832	*	*	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	*	-	*	6,231	*	4,015	*	*	-
West Shewa	*	-	*	*	*	*	-	-	-
North Shewa	1,586	*	*	*	*	-	-	-	-
East Shewa	-	-	-	*	*	*	-	-	-
Arsi	*	*	*	*	*	*	-	-	-
West Harerghe	*	*	-	*	-	*	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	-	2,303	1,053	1,250	-	-	-
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	*	*	-	*	*	*	-	-	-
Guji	*	*	*	*	*	*	-	-	-
West Arsi	-	-	-	*	*	-	-	-	-
Kelem Wellega	*	*	*	1,198	920	*	-	-	-
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	38,254	18,746	19,508	3,003	1,446	1,557	586	*	*
Shinele	3,316	1,432	1,884	*	*	*	*	*	*
Jijiga	8,352	3,771	4,581	*	*	-	*	*	-
Liben	26,586	13,544	13,042	1,817	*	1,127	*	*	*
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	594	110	484	*	*	*	*	*	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	52,178,770	6,293,385	338,314
Tigray	6,144,485	580,015	41,512
North West Tigray	1,896,329	128,392	7,679
Central Tigray	1,570,606	142,055	10,007
Eastern Tigray	631,400	46,180	7,607
Southern Tigray	1,065,810	192,043	11,498
Western Tigray	980,341	71,345	4,722
Afar	69,540	6,608	*
Zone 1	*	-	-
Zone 3	69,327	6,608	*
Amhara	20,563,536	2,710,110	64,912
North Gonder	8,114,943	559,775	20,792
South Gonder	2,386,434	435,419	4,496
North Wolo	1,235,487	243,668	8,040
South Wolo	1,317,946	317,822	3,966
North Shewa	1,374,497	364,148	12,299
East Gojam	676,667	139,249	*
West Gojam	3,423,382	469,812	7,028
Waghamera	516,116	30,887	1,596
Awi	1,043,793	96,737	2,879
Oromia	423,698	47,659	2,493
Argoba Special	50,575	4,933	314
Oromia	14,458,590	1,806,347	114,572
West Wellega	1,359,712	125,053	4,512
East Wellega	714,636	83,624	2,450
Illubabor	1,221,331	128,783	9,374
Jimma	1,401,090	128,286	16,443
West Shewa	992,544	240,344	9,149
North Shewa	261,737	101,204	*
East Shewa	638,066	106,352	2,555
Arsi	1,544,434	177,824	5,685
West Harerghe	1,395,512	97,808	18,000
East Harerghe	955,890	41,003	22,879
Bale	712,663	110,710	2,058
Borena	439,657	110,487	2,491
South West Shewa	385,498	86,019	4,206
Guji	555,488	49,856	*
West Arsi	598,263	72,856	5,633
Kelem Wellega	841,918	91,575	5,760
Horoguduru Wellega	440,153	54,563	1,768

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	41,778	2,461	*
Shinele	*	*	-
Jijiga	3,304	*	*
Liben	38,137	1,583	*
Benshangul-Gumuz	1,959,651	143,381	1,817
Metekel	686,842	49,479	335
Asosa	1,023,019	72,944	1,070
Kemeshi	127,585	10,191	*
Pawe Special	49,061	6,168	88
Mao Komo	73,145	4,599	*
SNNP	8,544,463	1,022,549	107,809
Gurage	413,446	63,891	*
Hadiya	824,259	73,888	13,769
Kembata Tembaro	494,478	67,772	10,013
Sidama	1,376,322	178,431	*
Gedio	295,310	110,301	*
Wolayita	742,835	61,232	9,525
South Omo	449,944	30,228	5,764
Shaka	266,821	46,928	708
Kaffa	1,069,881	85,862	5,862
Gamo Gofa	720,520	113,236	14,340
Bench Maji	826,016	70,013	5,560
Yem Sp. Wereda	34,417	3,500	718
Amaro Sp. Wereda	42,447	7,985	*
Burji Sp. Wereda	37,877	3,093	*
Konso Sp. Wereda	69,532	7,944	2,807
Derashe Sp. Wereda	89,275	5,350	2,010
Dawro	107,612	25,867	-
Basketo Sp. Wereda	73,385	15,429	557
Konta Sp. Wereda	68,827	7,111	594
Silte	391,192	39,152	*
Alaba Sp. Wereda	150,067	5,337	*
Gambela Region	336,976	20,141	3,100
Angnuwak	147,099	4,863	1,621
Nuware	*	*	*
Mezhenger	168,257	13,704	*
Itang Special	16,689	609	27
Harari	29,707	1,268	740
Hundene	29,707	1,268	740
Dire Dawa	30,043	505	1,858

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	4,031,571	2,492,189	1,539,382	350,071	181,863	168,208	3,381,417	1,436,658	1,944,759	445,533	172,493	273,040
Tigray	348,362	256,561	91,801	36,445	19,817	16,627	142,813	64,461	78,352	21,889	9,984	11,905
North West Tigray	41,721	25,201	16,520	6,559	3,319	3,240	38,616	15,054	23,562	1,808	818	990
Central Tigray	55,324	35,346	19,978	7,184	3,924	3,261	26,207	14,628	11,579	6,349	3,126	3,223
Eastern Tigray	46,070	26,461	19,609	6,881	*	2,554	17,275	7,775	9,500	3,732	1,076	2,656
Southern Tigray	*	*	27,400	11,747	5,770	5,976	37,601	17,142	20,459	7,306	3,798	3,508
Western Tigray	22,136	13,843	8,293	4,074	2,477	1,597	23,114	9,862	13,252	2,693	1,166	1,527
Afar	32,723	18,380	14,343	6,390	3,893	2,497	129,795	34,122	95,672	6,874	1,862	5,012
Zone 1	21,153	10,778	10,376	2,941	1,825	1,117	85,558	19,498	66,060	1,670	*	*
Zone 3	11,569	7,602	3,967	3,448	*	1,380	44,237	14,624	29,612	*	1,474	*
Ambhara	924,252	586,081	338,171	83,511	40,146	43,365	655,407	300,373	355,034	51,992	20,266	31,726
North Gonder	147,290	93,390	53,900	14,704	8,564	6,140	142,905	55,588	87,317	13,403	5,988	7,414
South Gonder	98,123	56,992	41,131	*	*	*	55,236	26,090	29,146	4,793	*	2,900
North Wolo	98,182	55,667	42,515	9,981	4,660	5,322	72,372	34,728	37,644	6,672	*	5,303
South Wolo	182,288	124,703	57,585	15,619	3,956	11,662	70,718	36,542	34,175	6,049	2,854	3,195
North Shewa	96,987	65,473	31,514	10,998	5,871	5,126	76,982	44,411	32,571	5,588	1,957	3,631
East Gojam	90,971	57,429	33,541	8,294	3,962	4,332	73,110	34,533	38,577	5,427	1,778	3,649
West Gojam	119,853	77,176	42,676	8,127	4,838	3,289	70,219	31,576	38,643	6,054	3,107	2,947
Waghamera	12,812	7,783	5,029	755	*	505	23,387	9,868	13,520	*	994	*
Awi	43,074	26,477	16,596	3,327	1,520	1,807	21,994	11,281	10,713	984	*	802
Oromia	32,390	19,531	12,859	1,431	643	787	46,692	14,876	31,815	*	*	*
Argoba Special	2,283	1,460	824	230	56	174	1,792	880	912	134	68	66
Oromia	1,796,613	1,128,753	667,859	132,846	68,237	64,609	1,632,699	696,031	936,669	184,467	76,088	108,379
West Wellega	71,272	39,312	31,960	1,131	*	*	70,921	32,319	38,602	*	853	*
East Wellega	70,150	48,105	22,045	3,515	1,146	2,369	90,654	43,777	46,877	2,731	*	1,163
Illubabor	61,062	37,797	23,265	5,027	2,745	2,282	95,360	44,175	51,185	3,628	1,907	*
Jimma	167,529	103,844	63,685	8,793	4,906	3,888	205,546	86,588	118,958	43,655	19,792	23,863
West Shewa	155,191	99,869	55,322	14,454	7,171	7,283	161,639	76,756	84,883	5,431	3,775	*
North Shewa	111,117	72,103	39,015	14,372	6,856	7,517	103,453	39,880	63,573	4,314	2,953	*
East Shewa	93,667	65,309	28,357	11,306	7,262	4,044	96,548	45,820	50,729	8,261	3,327	4,934
Arsi	228,591	139,358	89,233	13,451	6,909	6,541	126,210	51,172	75,038	21,278	6,295	14,982
West Harerghe	139,682	93,716	45,966	6,037	3,269	*	89,648	37,130	52,518	17,116	5,485	11,632
East Harerghe	143,225	81,832	61,393	5,342	*	2,107	82,654	31,346	51,307	11,343	5,319	6,025
Bale	83,074	57,477	25,597	4,382	1,295	3,087	96,528	40,569	55,959	21,423	8,120	13,303
Borena	92,770	61,775	30,995	5,427	2,898	2,530	63,651	19,975	43,676	*	*	*
South West Shewa	53,834	31,917	21,917	9,859	4,347	5,512	65,591	29,891	35,700	7,424	2,999	4,426
Guji	98,742	58,440	40,302	4,421	3,382	1,040	81,544	30,441	51,103	4,994	*	3,938
West Arsi	165,845	99,128	66,718	21,507	10,131	11,375	112,957	41,300	71,657	16,887	*	9,606
Kelem Wellega	30,708	19,687	11,021	1,591	1,062	*	44,053	22,652	21,401	*	*	*
Horoguduru												
Wellega	30,154	19,084	11,070	2,232	1,184	1,047	45,741	22,239	23,502	1,232	595	637

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	26,821	20,835	5,986	1,192	997	*	29,335	10,355	18,980	3,364	1,127	*
Shinele	*	*	419	*	-	*	1,160	355	806	*	*	*
Jijiga	12,482	10,952	1,529	*	*	-	8,552	3,874	4,678	*	*	*
Liben	11,831	7,794	4,038	*	*	*	*	*	*	*	*	*
Benshangul-Gumuz	32,261	18,254	14,007	1,880	1,012	868	38,057	17,650	20,407	920	669	251
Metekel	18,612	9,552	9,060	1,433	837	595	17,259	7,264	9,995	852	649	203
Asosa	9,255	5,789	3,466	*	*	*	12,262	5,848	6,414	-	-	-
Kemeshi	711	575	*	*	-	*	1,997	1,305	692	-	-	-
Pwae Special	1,966	1,350	616	84	62	*	1,474	768	706	*	*	*
Mao Komo	1,717	989	728	154	*	116	5,065	2,465	2,600	*	-	*
SNNP	855,214	453,538	401,676	85,765	46,564	39,201	727,615	304,887	422,728	164,118	59,167	104,951
Gurage	51,327	21,350	29,976	18,717	12,714	6,004	75,048	25,761	49,287	7,178	*	5,006
Hadiya	86,833	48,232	38,601	978	*	*	63,073	28,076	34,997	*	5,684	*
Kembata	48,539	27,735	20,804	643	*	*	22,965	10,622	12,343	8,608	3,539	5,070
Tembaro	173,761	66,216	107,545	31,308	12,972	*	72,391	22,039	50,352	11,463	*	8,868
Sidama	42,018	27,158	14,861	*	*	*	4,487	2,168	2,319	*	*	*
Gedio	94,369	58,801	35,568	-	-	-	59,088	26,573	32,516	*	*	3,535
Wolayita	29,692	20,639	9,053	3,894	3,076	*	68,119	28,340	39,780	*	*	*
Shaka	16,764	10,561	6,203	1,777	1,036	741	9,551	3,815	5,736	3,416	1,006	2,410
Kaffa	85,906	49,838	36,068	8,878	3,915	4,963	105,266	46,909	58,357	9,034	4,903	4,130
Gamo Gofa	86,347	46,981	39,366	2,854	1,685	*	95,271	44,200	51,072	16,442	5,447	10,995
Bench Maji	49,242	22,726	26,516	2,881	1,652	1,229	36,229	16,949	19,280	40,946	16,194	24,752
Yem Sp. Wereda	5,291	2,554	2,737	965	423	542	4,241	1,877	2,363	1,447	677	771
Amaro Sp. Wereda	7,421	5,092	2,329	425	295	*	9,186	4,370	4,815	607	406	*
Burji Sp. Wereda	1,542	1,030	512	347	254	93	3,799	1,883	1,915	104	*	*
Konso Sp. Wereda	4,310	3,087	1,223	804	735	*	11,455	4,966	6,490	*	*	*
Derashe Sp. Wereda	1,972	1,390	582	*	*	-	5,279	2,211	3,069	1,666	833	833
Dawro	29,870	16,734	13,137	900	534	366	34,650	13,795	20,855	714	*	*
Basketo Sp. Wereda	2,875	1,809	1,067	567	180	*	2,904	1,481	1,423	820	208	612
Konta Sp. Wereda	5,523	3,318	2,205	*	*	*	9,235	3,998	5,237	1,042	285	757
Silte	20,855	11,699	9,156	8,669	5,319	3,350	23,400	10,144	13,256	4,446	1,174	3,272
Alaba Sp. Wereda	10,757	6,591	4,166	*	*	*	11,978	4,710	7,268	1,494	*	914
Gambela Region	9,661	5,671	3,989	1,755	964	791	20,443	6,866	13,577	*	*	7,942
Angnuwak	2,348	1,517	*	720	*	398	4,653	1,704	2,949	165	*	*
Nuware	2,388	1,566	822	*	*	*	10,837	3,609	7,228	*	*	*
Mezhenger	3,817	1,889	1,928	511	295	216	1,626	474	1,152	421	*	*
Itang Special	1,107	699	409	197	124	73	3,327	1,079	2,248	1,172	371	802
Harari	3,474	2,336	1,138	167	142	*	2,305	787	1,517	476	173	303
Hundene	3,474	2,336	1,138	167	142	*	2,305	787	1,517	476	173	303
Dire Dawa	2,191	1,780	412	120	*	*	2,949	1,126	1,824	395	*	334

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	5,398,971	2,804,599	2,594,372	3,018,617	2,250,842	767,775	5,840,020	1,878,439	3,961,581	243,231	63,136	180,095
Tigray	285,824	154,320	131,504	164,633	128,849	35,784	378,284	102,669	275,615	7,601	2,545	5,056
North West Tigray	11,037	6,175	4,862	6,865	4,162	2,703	14,957	3,660	11,297	*	*	*
Central Tigray	40,160	22,431	17,729	26,459	20,632	5,827	63,477	18,293	45,184	*	*	*
Eastern Tigray	128,850	66,798	62,052	62,103	50,208	11,895	192,345	51,257	141,087	4,738	1,326	3,412
Southern Tigray	96,912	53,998	42,915	57,982	46,008	11,974	94,059	25,836	68,222	*	*	*
Western Tigray	*	*	*	*	*	*	*	3,622	*	-	-	-
Afar	78,066	49,743	28,323	28,399	19,170	9,230	137,185	47,972	89,213	4,708	1,510	3,198
Zone 1	50,262	31,920	18,342	17,923	11,555	6,368	73,213	20,985	52,228	2,267	827	1,440
Zone 3	27,805	17,823	9,981	*	7,615	*	63,972	26,987	36,985	*	683	*
Amhara	2,161,594	1,085,396	1,076,198	1,717,077	1,275,370	441,707	2,208,253	685,904	1,522,349	62,196	10,946	51,250
North Gonder	264,314	129,827	134,487	205,408	172,269	33,139	336,461	91,951	244,510	*	*	*
South Gonder	220,433	105,419	115,014	142,609	95,966	46,643	183,183	56,405	126,778	*	*	*
North Wolo	179,210	85,865	93,345	227,608	163,527	64,081	192,450	59,691	132,759	14,682	1,855	*
South Wolo	646,581	338,504	308,077	223,162	133,273	89,889	499,271	170,749	328,521	22,431	*	19,610
North Shewa	182,334	88,805	93,530	125,811	101,338	24,473	330,918	114,368	216,549	8,902	*	7,402
East Gojam	310,201	150,441	159,760	371,868	280,186	91,682	314,431	74,252	240,179	*	*	*
West Gojam	246,839	126,753	120,086	256,872	205,426	51,446	197,575	66,690	130,884	*	*	*
Waghamera	24,224	11,495	12,730	13,965	11,991	1,974	59,552	19,505	40,046	*	-	*
Awi	75,786	42,278	33,508	146,488	108,705	37,783	87,945	30,362	57,583	*	*	*
Oromia	11,504	5,914	5,590	3,143	2,590	*	6,331	1,850	4,481	*	*	-
Argoba Special	165	95	71	144	100	*	138	80	*	-	-	-
Oromia	2,165,994	1,158,137	1,007,857	819,927	606,123	213,804	2,288,237	761,044	1,527,193	107,285	36,830	70,455
West Wellega	50,767	18,346	32,421	9,976	6,727	3,249	97,500	39,160	58,340	*	*	*
East Wellega	59,957	29,844	30,113	6,297	5,007	1,289	89,401	32,190	57,210	*	*	*
Illubabor	69,315	33,459	35,855	25,741	19,341	6,400	119,726	40,041	79,685	3,547	*	2,171
Jimma	142,553	72,073	70,481	45,280	29,993	15,287	219,165	69,091	150,073	26,955	4,975	21,980
West Shewa	238,902	125,560	113,343	84,077	69,226	14,851	316,541	99,460	217,081	10,331	*	9,038
North Shewa	297,705	186,487	111,217	316,546	213,217	103,330	304,120	99,541	204,578	*	*	*
East Shewa	145,918	94,574	51,344	50,915	42,406	8,509	143,279	48,684	94,596	*	*	*
Arsi	480,580	247,623	232,957	101,383	75,588	25,795	319,612	101,295	218,317	7,255	*	4,782
West Harerghe	49,141	20,919	28,221	8,259	7,116	*	35,986	13,496	22,491	5,755	*	4,327
East Harerghe	51,470	25,051	26,419	12,014	11,134	*	48,140	12,929	35,210	4,081	*	3,675
Bale	45,531	24,420	21,111	12,281	8,056	4,224	66,178	25,440	40,738	4,180	*	3,371
Borena	28,760	14,545	14,215	14,139	12,035	2,104	44,990	18,107	26,882	*	*	*
South West Shewa	83,823	47,362	36,461	47,633	37,808	9,825	70,803	21,326	49,477	2,174	*	1,376
Guji	83,666	45,370	38,296	16,248	13,496	*	65,480	22,799	42,680	2,765	-	2,765
West Arsi	247,837	132,223	115,614	37,908	29,496	8,412	211,916	68,720	143,197	8,112	1,611	6,501
Kelem Wellega	53,471	21,539	31,932	8,368	6,251	2,118	56,533	23,840	32,693	*	*	*
Horoguduru												
Wellega	36,599	18,742	17,857	22,860	19,225	3,635	78,870	24,924	53,945	*	-	*

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	123,029	91,824	31,205	44,322	34,681	9,641	97,780	38,535	59,245	6,210	2,416	3,794
Shinele	22,169	16,271	5,898	9,512	7,749	*	31,245	12,436	18,809	1,880	558	1,322
Jijiga	84,532	65,056	19,476	19,128	15,351	3,777	41,556	17,907	23,648	*	*	*
Liben	16,328	10,497	5,831	15,681	11,581	4,100	24,980	8,192	16,788	*	*	*
Benshangul-Gumuz	17,492	7,939	9,553	11,861	9,301	2,561	27,163	9,819	17,344	369	110	259
Metekel	8,820	4,971	3,850	8,920	7,199	1,721	9,574	3,289	6,284	197	64	134
Asosa	4,968	1,375	3,593	2,168	1,405	763	9,943	3,505	6,438	*	-	*
Kemeshi	755	349	406	353	353	-	3,514	1,369	2,144	*	*	-
Pwae Special	745	287	458	239	204	*	418	150	268	-	-	-
Mao Komo	2,203	958	1,245	181	139	*	3,714	1,505	2,209	*	*	*
SNNP	558,192	251,164	307,028	224,898	171,553	53,345	681,127	225,954	455,172	53,149	8,214	44,936
Gurage	47,947	19,126	28,821	41,701	33,034	8,668	63,481	19,651	43,830	1,743	*	1,451
Hadiya	44,077	17,038	27,039	11,027	6,298	4,729	53,610	15,037	38,573	8,175	*	7,619
Kembata Tembaro	20,344	9,342	11,002	4,041	2,843	1,198	20,740	6,910	13,830	4,529	*	4,117
Sidama	103,942	36,066	67,875	9,861	7,471	2,390	54,325	18,588	35,737	*	*	-
Gedio	46,140	20,944	25,196	17,329	15,943	1,387	24,647	9,381	15,266	*	*	*
Wolayita	34,361	16,158	18,202	1,323	1,323	-	26,849	8,527	18,322	*	*	3,099
South Omo	19,189	9,467	9,722	11,918	9,245	2,673	39,513	13,207	26,305	4,411	*	3,521
Shaka	15,871	7,642	8,229	16,696	11,757	4,939	15,436	6,281	9,154	1,608	*	1,451
Kaffa	78,264	40,837	37,427	51,857	40,035	11,823	132,364	43,696	88,669	7,909	*	7,459
Gamo Gofa	36,039	13,462	22,578	7,657	5,635	2,021	53,242	12,764	40,479	3,188	-	3,188
Bench Maji	31,118	17,408	13,711	*	12,310	*	49,645	17,519	32,126	4,742	1,228	3,514
Yem Sp. Wereda	5,139	2,331	2,808	726	372	354	9,552	2,604	6,948	564	-	564
Amaro Sp. Wereda	2,764	2,039	726	1,300	1,061	*	4,108	1,544	2,564	*	*	*
Burji Sp. Wereda	203	126	*	105	76	*	794	394	400	*	*	-
Konso Sp. Wereda	6,528	4,820	1,708	3,151	3,077	*	22,731	7,489	15,242	841	-	841
Derashe Sp. Wereda	*	*	*	*	*	*	5,177	1,499	3,679	*	-	*
Dawro	18,813	10,982	7,831	2,858	*	534	24,219	11,893	12,326	-	-	-
Basketo Sp. Wereda	2,082	960	1,122	932	544	388	3,398	958	2,440	375	-	375
Konta Sp. Wereda	2,282	1,511	771	189	122	*	4,956	2,352	2,604	*	*	*
Silte	32,249	15,847	16,402	19,111	15,135	3,976	55,582	20,094	35,487	6,207	678	5,529
Alaba Sp. Wereda	9,255	4,139	5,116	3,301	2,770	531	16,758	5,566	11,192	*	*	*
Gambela Region	2,512	1,363	1,149	4,578	3,339	1,239	5,778	2,110	3,668	*	*	*
Angnuwak	*	*	*	*	*	-	*	*	*	*	*	-
Nuware	288	255	*	*	*	-	3,572	1,382	2,190	*	*	*
Mezhenger	1,870	900	970	4,325	3,121	1,204	1,547	483	1,064	*	-	*
Itang Special	133	50	83	146	111	*	524	189	335	*	*	*
Harari	928	518	410	277	252	*	771	395	375	*	*	-
Hundene	928	518	410	277	252	*	771	395	375	*	*	-
Dire Dawa	5,338	4,195	1,145	2,644	2,205	440	15,443	4,037	11,406	1,115	435	680

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	3,394,361	1,891,041	1,503,320	1,741,473	1,244,114	497,359	4,959,093	1,791,656	3,167,436	196,718	60,819	135,899
Tigray	587,733	391,846	195,887	309,581	218,318	91,263	689,036	214,033	475,003	9,066	2,082	6,984
North West Tigray	136,864	82,972	53,892	101,252	74,565	26,687	188,369	55,176	133,193	2,284	*	1,493
Central Tigray	134,184	75,935	58,249	93,114	65,819	27,295	236,386	74,050	162,336	3,609	*	*
Eastern Tigray	33,655	14,953	18,702	22,077	17,948	4,130	63,476	19,996	43,480	*	*	*
Southern Tigray	*	*	52,862	51,816	31,442	20,374	120,289	36,893	83,395	1,225	*	*
Western Tigray	25,355	13,174	12,182	41,322	28,544	12,777	80,517	27,919	52,598	*	*	*
Afar	118,341	75,099	43,242	50,107	35,250	14,857	203,985	64,680	139,305	6,908	2,081	4,827
Zone 1	80,148	50,611	29,536	31,188	21,420	9,768	113,870	29,105	84,765	4,814	1,166	3,647
Zone 3	38,193	24,487	13,706	18,919	13,830	5,089	90,115	35,575	54,540	2,094	914	1,180
Amhara	1,107,679	533,557	574,122	751,711	525,318	226,394	1,475,529	553,945	921,584	19,816	6,694	13,121
North Gonder	261,470	126,556	134,914	184,433	137,415	47,018	386,555	140,995	245,560	*	*	*
South Gonder	148,892	65,518	83,373	138,285	96,687	41,598	213,351	79,150	134,201	*	*	*
North Wolo	122,250	58,200	64,050	76,371	53,451	22,920	103,004	33,851	69,153	*	*	*
South Wolo	137,444	67,917	69,527	79,367	49,128	30,239	113,138	47,183	65,955	*	*	*
North Shewa	80,960	40,127	40,833	65,044	43,700	21,345	214,698	96,177	118,521	2,438	*	*
East Gojam	95,234	45,055	50,179	92,804	64,950	27,855	144,450	45,854	98,596	*	*	*
West Gojam	94,359	50,925	43,434	42,479	26,662	15,817	79,668	30,085	49,582	-	-	-
Waghamera	72,084	37,401	34,683	28,232	21,919	6,313	153,976	52,954	101,021	*	*	*
Awi	19,662	10,373	9,289	22,138	14,996	7,143	17,874	8,351	9,524	-	-	-
Oromia	67,464	28,088	39,376	21,444	15,808	5,636	45,567	17,765	27,802	*	*	*
Argoba Special	7,860	3,397	4,463	1,113	603	510	3,249	1,581	1,668	*	*	197
Oromia	1,119,539	614,341	505,198	408,463	303,246	105,217	1,848,267	692,056	1,156,211	119,214	35,006	84,207
West Wellega	17,000	8,728	8,272	2,924	2,713	*	31,168	15,524	15,644	*	*	*
East Wellega	24,465	10,430	14,035	18,224	13,444	4,780	52,145	19,431	32,715	*	*	-
Illubabor	24,886	9,678	15,208	11,480	9,200	2,281	50,417	19,440	30,977	*	*	*
Jimma	18,071	6,401	11,670	26,334	*	5,911	69,539	29,335	40,204	7,634	*	6,947
West Shewa	48,433	22,756	25,677	28,710	17,006	11,704	125,525	53,236	72,289	*	*	*
North Shewa	21,829	10,066	11,764	47,170	33,286	13,884	51,141	17,606	33,535	*	*	*
East Shewa	159,183	*	52,653	54,437	44,794	9,643	148,404	57,280	91,124	*	*	*
Arsi	123,705	73,850	49,855	17,961	13,112	4,849	167,093	62,336	104,757	14,672	6,388	8,284
West Harerghe	211,916	114,748	97,168	48,929	38,686	10,243	251,470	87,581	163,889	17,549	4,009	13,540
East Harerghe	138,663	70,188	68,475	22,845	16,088	6,757	205,023	76,633	128,389	20,362	5,700	14,662
Bale	89,524	55,029	34,495	36,570	27,024	9,547	228,803	80,945	147,858	22,709	6,517	16,192
Borena	82,644	43,001	39,643	30,124	22,350	7,773	126,157	40,396	85,761	15,038	*	11,840
South West Shewa	28,843	12,181	16,662	20,588	13,617	6,971	39,370	16,580	22,790	*	-	*
Guji	47,508	28,824	18,685	18,029	13,082	4,947	147,419	53,672	93,747	*	*	*
West Arsi	49,566	25,843	23,723	8,538	6,797	1,741	77,322	29,893	47,429	1,520	1,237	*
Kelem Wellega	21,253	10,259	10,994	4,976	4,178	798	36,425	16,817	19,608	*	*	*
Horoguduru												
Wellega	12,050	5,830	6,219	10,622	7,446	3,176	40,846	15,350	25,496	*	*	*

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	168,628	123,082	45,546	67,260	51,224	16,037	107,547	40,836	66,711	9,590	3,620	5,970
Shinele	49,966	34,997	14,968	21,643	15,078	6,565	49,023	19,355	29,668	3,799	*	2,997
Jijiga	78,201	59,628	18,573	12,241	9,878	2,362	20,762	9,563	11,199	3,295	*	1,514
Liben	40,462	28,456	12,005	33,376	26,267	7,109	37,762	11,918	25,844	2,496	1,037	1,459
Benshangul-Gumuz	63,942	32,008	31,935	50,990	33,279	17,711	167,938	60,051	107,887	3,771	1,195	2,577
Metekel	24,350	13,538	10,812	27,803	19,398	8,405	46,097	18,440	27,657	2,064	686	1,377
Asosa	29,421	13,744	15,677	19,416	11,711	7,706	94,088	31,401	62,687	1,614	*	1,180
Kemeshi	7,013	3,441	3,572	2,882	1,637	1,246	20,670	7,828	12,842	*	*	-
Pwae Special	666	238	428	413	267	147	964	341	623	*	-	*
Mao Komo	2,491	1,046	1,445	475	266	209	6,120	2,041	4,079	*	*	-
SNNP	210,849	110,315	100,534	95,835	71,652	24,183	422,727	152,909	269,819	24,780	9,190	15,589
Gurage	12,305	5,243	7,062	6,973	5,561	1,412	20,283	7,065	13,218	*	*	*
Hadiya	13,247	5,358	7,888	7,978	5,456	2,522	22,617	9,205	13,412	*	*	*
Kembata Tembaro	5,935	2,648	3,288	4,464	2,392	2,072	7,364	2,064	5,300	*	-	*
Sidama	29,454	8,018	21,436	8,456	5,026	3,431	24,303	5,387	18,916	*	-	*
Gedio	2,259	*	1,122	853	853	-	*	*	*	-	-	-
Wolayita	14,686	6,497	8,189	1,396	1,396	-	9,391	4,325	5,066	*	-	*
South Omo	*	*	*	20,876	*	4,125	107,839	43,500	64,339	*	*	3,304
Shaka	1,074	648	427	2,855	2,292	563	2,336	963	1,373	*	*	*
Kaffa	16,554	9,367	7,187	14,469	10,539	3,930	40,214	15,565	24,649	2,117	*	1,611
Gamo Gofa	23,698	12,370	11,328	3,075	2,557	*	47,580	14,945	32,635	*	-	*
Bench Maji	13,938	*	*	3,891	2,996	*	*	*	5,164	*	*	*
Yem Sp. Wereda	3,363	1,392	1,971	441	259	183	3,963	1,450	2,513	279	-	279
Amaro Sp. Wereda	3,109	1,622	1,486	1,678	1,213	465	15,125	5,045	10,080	*	*	*
Burji Sp. Wereda	1,439	655	783	1,020	803	217	7,639	3,113	4,526	201	110	*
Konso Sp. Wereda	11,646	7,497	4,150	6,059	5,326	733	47,316	14,847	32,469	*	*	*
Derashe Sp. Wereda	3,112	1,819	1,293	1,707	1,172	535	18,446	7,164	11,282	572	*	447
Dawro	2,243	1,468	775	*	*	*	7,130	3,615	3,515	*	*	*
Basketo Sp. Wereda	463	*	289	*	*	*	1,287	394	893	*	*	*
Konta Sp. Wereda	671	450	*	344	187	157	2,974	1,220	1,754	*	*	*
Silte	6,424	1,823	4,601	3,962	2,725	1,237	9,142	2,461	6,681	*	*	*
Alaba Sp. Wereda	7,432	3,847	3,585	4,592	3,546	1,046	16,048	5,375	10,673	*	*	*
Gambela Region	2,031	920	1,111	1,124	691	432	7,912	3,057	4,855	*	*	*
Angnuwak	1,113	393	720	*	257	*	3,236	1,209	2,027	*	*	-
Nuware	498	292	207	*	*	*	3,190	1,372	1,818	*	*	*
Mezhenger	233	*	*	280	233	*	147	*	*	*	*	*
Itang Special	187	95	92	236	136	101	1,338	404	935	*	*	-
Harari	2,952	1,492	1,460	2,018	1,746	272	7,823	2,703	5,120	311	*	285
Hundene	2,952	1,492	1,460	2,018	1,746	272	7,823	2,703	5,120	311	*	285
Dire Dawa	12,667	8,381	4,286	4,384	3,390	993	28,328	7,386	20,942	2,976	818	2,158

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	125,079	70,551	54,528	140,070	67,729	72,341	9,281	*	6,405
Tigray	4,992	3,122	1,871	2,209	773	1,435	-	-	-
North West Tigray	*	*	*	*	-	*	-	-	-
Central Tigray	2,493	1,879	*	*	*	*	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	1,105	*	*	*	-	-	-
Western Tigray	*	*	-	*	*	-	-	-	-
Afar	*	460	*	*	*	*	-	-	-
Zone 1	*	*	*	*	*	*	-	-	-
Zone 3	*	*	-	*	-	*	-	-	-
Amhara	27,652	13,445	14,207	21,458	10,471	10,987	*	-	*
North Gondar	6,650	2,664	3,985	4,228	2,997	*	*	-	*
South Gondar	*	*	*	2,296	*	*	-	-	-
North Wolo	*	2,385	*	*	*	*	*	-	*
South Wolo	9,507	3,624	5,883	3,210	*	*	*	-	*
North Shewa	*	*	*	*	*	*	-	-	-
East Gojam	*	*	*	2,927	1,261	*	-	-	-
West Gojam	*	*	*	*	*	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	1,605	1,258	*	3,582	1,953	1,628	-	-	-
Oromia	*	-	*	*	*	*	-	-	-
Argoba Special	*	*	*	-	-	-	-	-	-
Oromia	69,976	40,571	29,405	91,313	43,636	47,677	5,221	*	2,503
West Wellega	*	-	*	*	*	*	-	-	-
East Wellega	*	*	-	*	-	*	-	-	-
Illubabor	*	*	*	8,672	3,393	5,279	-	-	-
Jimma	4,826	3,339	1,487	6,708	*	*	*	*	*
West Shewa	10,416	8,323	2,094	12,328	6,768	5,559	*	-	*
North Shewa	7,667	5,436	*	3,753	1,664	2,089	*	*	*
East Shewa	*	*	-	*	*	*	-	-	-
Arsi	18,372	9,089	9,283	14,658	5,553	9,104	*	-	*
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	*	-	*	*	*	*	-	-	-
Bale	2,738	2,334	*	4,403	3,574	*	-	-	-
Borena	*	*	*	*	-	*	-	-	-
South West Shewa	1,909	1,742	*	4,107	1,794	2,313	*	*	*
Guji	7,079	3,066	4,013	11,085	6,443	4,642	-	-	-
West Arsi	8,226	4,397	3,829	14,493	6,113	8,380	*	-	*
Kelem Wellega	*	*	-	*	*	*	-	-	-
Horoguduru Wellega	1,365	*	997	3,844	1,484	2,360	-	-	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	271,271	157,203	114,067	343,756	168,025	175,731	10,303	3,057	7,246
Tigray	33,541	22,037	11,503	33,586	14,627	18,959	*	*	-
North West Tigray	2,549	1,391	1,159	1,537	*	1,253	*	*	-
Central Tigray	5,007	2,728	2,279	4,845	2,276	2,569	-	-	-
Eastern Tigray	6,888	5,083	1,805	5,491	4,016	1,476	-	-	-
Southern Tigray	18,191	11,931	6,261	19,392	6,186	*	-	-	-
Western Tigray	904	904	-	2,321	1,865	*	-	-	-
Afar	486	242	244	1,809	442	1,367	*	*	*
Zone 1	400	*	*	*	*	*	-	-	-
Zone 3	*	*	*	542	*	399	*	*	*
Amhara	126,912	70,542	56,370	120,232	58,735	61,497	1,477	*	1,188
North Gonder	15,770	10,542	5,229	23,545	13,415	10,130	-	-	-
South Gonder	11,262	4,739	6,523	11,364	4,901	6,464	-	-	-
North Wolo	26,578	14,330	12,248	11,082	5,152	5,930	*	*	*
South Wolo	26,329	14,457	11,872	8,183	4,346	3,838	-	-	-
North Shewa	16,736	10,536	6,200	22,542	10,462	12,080	*	-	*
East Gojam	13,022	6,648	6,375	13,327	4,290	9,037	-	-	-
West Gojam	11,126	4,819	6,307	21,567	*	10,687	-	-	-
Waghamera	2,034	1,414	619	4,215	2,453	1,762	-	-	-
Awi	2,201	2,201	-	3,937	*	1,265	-	-	-
Oromia	1,670	775	895	*	*	*	*	-	*
Argoba Special	182	81	102	81	*	*	-	-	-
Oromia	85,839	47,494	38,346	141,771	68,093	73,678	7,193	2,331	4,862
West Wellega	4,885	3,085	1,800	11,069	3,380	7,689	-	-	-
East Wellega	1,748	1,170	*	12,321	7,810	4,511	-	-	-
Illubabor	*	-	*	1,516	*	*	-	-	-
Jimma	4,804	4,013	*	4,503	4,503	-	-	-	-
West Shewa	6,140	*	2,927	8,179	4,666	3,514	*	-	*
North Shewa	9,108	5,118	3,989	7,574	2,533	5,041	-	-	-
East Shewa	4,339	2,287	2,052	14,901	7,541	7,360	-	-	-
Arsi	13,695	8,381	5,314	12,855	6,328	6,527	*	*	*
West Harerghe	10,924	6,627	4,298	7,056	3,497	3,559	3,242	*	1,817
East Harerghe	6,611	1,860	4,751	14,130	7,115	7,015	*	-	*
Bale	5,154	2,893	2,261	16,567	7,523	9,044	*	*	*
Borena	*	*	*	2,689	*	2,055	*	-	*
South West Shewa	4,564	1,738	2,826	7,702	3,326	4,377	-	-	-
Guji	*	*	*	3,652	1,610	*	-	-	-
West Arsi	7,401	3,605	3,797	8,639	2,883	5,756	*	*	*
Kelem Wellega	2,928	1,985	943	2,461	1,359	1,102	-	-	-
Horoguduru Wellega	1,599	844	754	5,958	2,339	3,619	-	-	-

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	*	*	*	2,622	1,232	1,390	*	-	*
Shinele	*	*	-	553	305	248	-	-	-
Jijiga	-	-	-	804	*	*	-	-	-
Liben	*	*	*	1,265	621	644	*	-	*
Benshangul-Gumuz	3,201	2,405	*	9,556	5,907	3,649	*	*	-
Metekel	947	881	67	1,435	1,165	270	-	-	-
Asosa	1,792	1,086	*	6,437	3,529	2,909	*	*	-
Kemeshi	312	312	-	1,378	1,028	*	-	-	-
Pawe Special	*	*	-	49	*	*	-	-	-
Mao Komo	108	84	*	257	165	*	-	-	-
SNNP	19,957	13,281	6,676	33,535	18,650	14,884	931	*	874
Gurage	1,753	1,518	*	*	*	*	-	-	-
Hadiya	4,073	2,606	1,467	2,223	1,641	*	*	-	*
Kembata Tembaro	2,301	1,969	*	*	-	*	*	-	*
Sidama	2,351	*	*	4,094	2,611	*	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	2,486	1,806	*	1,338	886	*	-	-	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	*	*	-	*	*	-	-	-	-
Kaffa	-	-	-	*	*	*	-	-	-
Gamo Gofa	*	*	*	2,743	1,182	1,562	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	*	*	*	214	*	161	*	*	*
Amaro Sp. Wereda	-	-	-	*	*	-	-	-	-
Burji Sp. Wereda	66	*	*	159	102	*	-	-	-
Konso Sp. Wereda	*	-	*	*	-	*	-	-	-
Derashe Sp. Wereda	*	*	-	587	410	177	-	-	-
Dawro	-	-	-	708	621	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	2,123	648	1,475	839	*	*	*	-	*
Alaba Sp. Wereda	1,591	513	1,078	1,506	*	1,090	*	-	*
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	-	287	203	*	*	*	-
Hundene	*	*	-	287	203	*	*	*	-
Dire Dawa	*	*	*	359	136	223	171	*	*

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	26,381	14,231	12,151	22,124	8,930	13,194	2,164	*	1,401
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	*	*	*	-	-	-
Western Tigray	*	*	*	*	*	*	-	-	-
Afar	-	-	-	*	*	*	-	-	-
Zone 1	-	-	-	*	*	*	-	-	-
Zone 3	-	-	-	*	*	*	-	-	-
Amhara	15,569	8,398	7,171	3,865	1,999	*	*	*	-
North Gonder	*	*	*	*	*	-	-	-	-
South Gonder	2,797	1,554	*	*	*	-	-	-	-
North Wolo	3,505	1,059	2,447	-	-	-	*	*	-
South Wolo	5,547	3,161	*	1,654	*	*	-	-	-
North Shewa	-	-	-	*	-	*	-	-	-
East Gojam	*	*	-	-	-	-	-	-	-
West Gojam	*	*	*	*	-	*	-	-	-
Waghamera	*	*	-	*	*	-	-	-	-
Awi	*	*	-	*	*	-	-	-	-
Oromia	-	-	-	-	-	-	*	*	-
Argoba Special	*	-	*	-	-	-	-	-	-
Oromia	6,616	3,253	3,363	13,846	5,373	8,473	1,432	*	*
West Wellega	-	-	-	*	*	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	*	*	*	*	*	*	-	-	-
Jimma	*	*	*	4,674	*	3,946	*	-	*
West Shewa	-	-	-	1,977	*	*	-	-	-
North Shewa	-	-	-	*	-	*	-	-	-
East Shewa	*	*	-	-	-	-	-	-	-
Arsi	*	*	-	1,541	*	*	*	-	*
West Harerghe	*	-	*	-	-	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	*	*	-	*	*	*	*	-	*
South West Shewa	*	-	*	*	*	*	-	-	-
Guji	*	*	-	*	-	*	-	-	-
West Arsi	*	-	*	-	-	-	-	-	-
Kelem Wellega	*	-	*	756	*	*	*	*	-
Horoguduru Wellega	*	-	*	*	*	*	-	-	-

g. Camels

[illegible]

TABLE 3-20 – g CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	8,218	6,715	1,502	1,637	1,389	*	8,929	2,639	6,290	721	*	565
Shinele	*	*	*	*	*	-	245	*	166	-	-	-
Jijiga	602	602	-	*	*	-	*	*	*	-	-	-
Liben	7,478	6,001	1,477	1,439	1,191	*	7,840	2,177	5,663	721	*	565
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	*	*	-	-	-	-	150	*	*	-	-	-

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	9,541,166	11,427,842	34,462,943	401,680
Tigray	1,362,407	2,196,437	3,247,597	85,330
North West Tigray	329,462	674,287	980,988	35,229
Central Tigray	399,407	647,424	793,144	23,287
Eastern Tigray	161,451	152,873	303,589	9,078
Southern Tigray	398,403	427,571	560,192	14,264
Western Tigray	73,684	294,282	609,684	3,472
Afar	9,405	19,881	29,254	*
Zone 1	*	-	*	-
Zone 3	9,224	19,881	28,816	*
Amhara	4,021,189	5,451,746	11,801,719	80,741
North Gonder	935,451	1,706,340	4,685,921	26,483
South Gonder	391,788	772,294	1,302,108	3,830
North Wolo	380,156	419,909	613,699	7,896
South Wolo	515,772	489,514	803,909	11,730
North Shewa	376,636	582,476	1,040,998	8,656
East Gojam	184,004	145,385	441,782	*
West Gojam	719,190	864,710	1,818,393	11,103
Waghamera	189,516	147,451	261,631	3,078
Awi	207,676	235,854	578,571	4,557
Oromia	108,859	78,111	232,946	1,680
Argoba Special	12,141	9,704	21,760	220
Oromia	2,664,337	2,476,374	11,339,042	144,090
West Wellega	136,484	160,982	1,189,000	7,061
East Wellega	115,246	188,492	594,121	*
Illubabor	129,711	211,177	945,473	*
Jimma	172,110	165,239	990,289	*
West Shewa	163,819	282,894	859,032	6,190
North Shewa	110,987	99,367	213,677	*
East Shewa	192,524	200,847	565,341	9,549
Arsi	416,230	288,772	1,198,782	10,001
West Harerghe	241,859	142,688	1,040,983	19,596
East Harerghe	175,556	24,960	706,265	22,265
Bale	158,635	96,902	417,628	6,317
Borena	99,240	62,993	300,149	3,223
South West Shewa	94,599	142,441	431,360	2,296
Guji	139,461	59,050	510,783	2,675
West Arsi	112,561	77,162	418,881	4,563
Kelem Wellega	135,353	142,822	581,482	3,676
Horoguduru Wellega	69,961	129,584	375,794	1,249

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	12,607	5,992	27,180	*
Shinele	-	-	*	-
Jijiga	*	-	*	-
Liben	10,128	5,992	26,106	*
Benshangul-Gumuz	176,108	260,867	1,439,944	6,401
Metekel	79,435	149,222	369,787	2,984
Asosa	70,166	78,592	888,074	2,966
Kemeshi	12,460	13,213	84,655	*
Pawe Special	5,885	10,012	32,860	*
Mao Komo	8,163	9,829	64,567	*
SNNP	1,231,994	974,551	6,283,300	77,149
Gurage	71,329	*	321,072	*
Hadiya	139,398	84,534	535,467	13,074
Kembata Tembaro	68,084	39,942	334,493	10,568
Sidama	191,736	129,277	920,574	*
Gedio	80,576	76,088	200,733	2,835
Wolayita	91,853	16,124	429,414	*
South Omo	37,842	73,366	377,674	12,245
Shaka	21,011	47,428	237,050	1,136
Kaffa	109,487	153,439	923,868	7,644
Gamo Gofa	93,242	69,225	660,661	*
Bench Maji	204,348	121,939	561,004	9,399
Yem Sp. Wereda	7,603	1,392	34,327	266
Amaro Sp. Wereda	5,550	4,444	22,446	*
Burji Sp. Wereda	6,417	4,113	21,212	*
Konso Sp. Wereda	9,582	2,416	53,625	*
Derashe Sp. Wereda	11,678	7,218	70,225	*
Dawro	17,610	1,695	101,271	*
Basketo Sp. Wereda	6,215	8,502	54,812	283
Konta Sp. Wereda	3,660	5,374	53,400	251
Silte	35,647	39,967	244,505	*
Alaba Sp. Wereda	19,124	21,510	125,468	1,901
Gambela Region	53,287	41,280	250,643	4,516
Angnuwak	25,440	17,188	117,489	3,350
Nuware	*	*	*	*
Mezhenger	23,096	20,959	124,207	703
Itang Special	3,102	961	5,521	35
Harari	6,294	510	22,725	637
Hundene	6,294	510	22,725	637
Dire Dawa	3,538	*	21,541	1,083

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	7,198,027	9,923,124	1.540	6	3,221,652,407	346,494	*	4.274	10	249,933,690
Tigray	96,509	619,254	1.289	6	169,203,317	-	-	-	*	-
North West Tigray	3,008	156,773	1.309	6	43,842,297	-	-	-	-	-
Central Tigray	47,081	123,293	1.055	6	22,694,646	-	-	-	-	-
Eastern Tigray	6,406	85,346	1.333	6	21,052,824	-	-	-	*	-
Southern Tigray	32,953	138,948	1.293	7	44,293,354	-	-	-	-	-
Western Tigray	*	114,894	1.673	5	37,320,196	-	-	-	-	-
Afar	95,711	97,680	2.292	6	52,271,519	35,335	32,862	5.07	10	52,055,597
Zone 1	64,005	59,942	2.668	6	39,142,215	19,753	17,240	5.558	11	33,389,978
Zone 3	31,705	37,738	1.633	6	13,129,305	15,582	15,622	4.206	10	18,665,619
Amhara	384,088	2,007,887	1.205	6	455,746,448	*	*	*	*	*
North Gonder	*	423,388	1.232	6	97,699,298	-	-	-	-	-
South Gonder	41,393	203,005	0.981	6	35,336,522	-	-	-	-	-
North Wolo	13,063	191,259	1.305	5	43,988,853	-	-	-	-	-
South Wolo	100,688	287,908	1.52	6	76,673,289	-	-	-	-	-
North Shewa	51,313	154,962	1.221	5	32,973,760	-	-	-	-	-
East Gojam	27,891	202,683	1.006	6	41,974,949	-	*	*	*	*
West Gojam	48,741	300,871	1.086	7	71,063,888	-	-	-	-	-
Waghamera	*	46,657	1.102	5	8,829,964	-	-	-	-	-
Awi	22,121	136,930	1.159	7	35,562,157	-	-	-	-	-
Oromia	16,789	56,057	1.085	5	10,613,123	*	-	-	-	-
Argoba Special	256	4,167	1.137	5	1,030,646	-	-	-	-	-
Oromia	3,418,794	4,558,824	1.915	6	1,825,855,569	200,666	*	3.735	10	100,866,212
West Wellega	113,353	159,894	1.403	7	53,678,972	-	-	-	-	-
East Wellega	47,511	168,303	1.235	7	45,975,857	-	-	-	-	-
Illubabor	140,263	182,190	1.194	6	44,253,447	-	-	-	-	-
Jimma	312,960	382,454	1.032	6	66,485,617	-	-	-	-	-
West Shewa	207,746	362,013	2.047	6	96,967,161	-	-	-	-	-
North Shewa	181,062	285,573	1.506	7	114,464,519	-	-	-	-	-
East Shewa	148,615	194,314	1.387	7	66,410,094	*	*	2.775	11	12,692,723
Arsi	434,993	503,885	*	7	*	*	*	*	*	*
West Harerghe	127,095	283,659	1.645	6	88,150,784	*	*	2.684	8	2,779,652
East Harerghe	305,297	345,009	1.72	6	107,958,335	*	*	4.447	11	29,780,701
Bale	387,714	310,890	1.377	6	86,526,154	13,870	8,659	2.743	8	5,456,029
Borena	117,749	271,876	1.548	7	84,662,912	*	*	4.984	10	35,098,607
South West Shewa	123,957	121,076	0.98	7	24,990,441	-	-	-	-	-
Guji	257,750	284,431	1.373	7	103,728,419	*	14,234	2.931	10	12,916,990
West Arsi	462,899	500,587	1.409	7	147,227,679	-	-	-	-	-
Kelem Wellega	29,108	76,199	*	7	*	-	-	-	-	-
Horoguduru Wellega	20,722	126,471	*	7	*	-	*	-	*	-

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	129,702	175,052	2.012	5	64,055,481	108,524	54,590	4.899	9	86,014,482
Shinele	10,438	10,397	1.742	5	3,593,966	6,932	4,831	3.108	9	3,886,914
Jijiga	80,069	101,457	2.049	5	37,595,403	23,420	12,798	3.664	8	13,441,470
Liben	39,195	63,198	1.989	6	22,866,112	78,172	36,962	5.716	10	68,686,097
Benshangul-Gumuz	33,774	76,358	1.257	7	21,349,323	-	-	-	-	-
Metekel	23,183	52,296	1.296	7	15,132,089	-	-	-	-	-
Asosa	5,170	12,605	1.128	7	2,983,499	-	-	-	-	-
Kemeshi	3,178	2,964	1.26	6	782,420	-	-	-	-	-
Pawe Special	823	4,217	1.042	6	1,064,968	-	-	-	-	-
Mao Komo	1,421	4,275	1.517	7	1,386,347	-	-	-	-	-
SNNP	2,962,377	2,317,106	1.222	6	599,749,160	-	-	-	*	-
Gurage	403,994	288,030	0.976	6	53,394,651	-	-	-	-	-
Hadiya	220,206	174,695	1.134	7	39,780,348	-	-	-	-	-
Kembata Tembaro	107,060	86,705	1.307	6	23,527,989	-	-	-	*	-
Sidama	661,274	464,118	1.225	6	118,714,197	-	-	-	-	-
Gedio	20,817	20,455	1.179	6	4,765,068	-	-	-	-	-
Wolayita	229,925	193,544	1.339	7	60,035,983	-	-	-	-	-
South Omo	202,565	172,499	1.527	7	62,321,403	-	-	-	-	-
Shaka	24,648	25,990	1.53	6	7,612,014	-	-	-	-	-
Kaffa	218,409	218,188	1.503	5	62,984,123	-	-	-	*	-
Gamo Gofa	318,131	239,184	1.139	6	56,372,439	-	-	-	-	-
Bench Maji	131,506	114,285	1.672	7	42,156,759	-	-	-	-	-
Yem Sp. Wereda	13,284	9,630	0.913	6	2,308,410	-	-	-	-	-
Amaro Sp. Wereda	24,407	18,161	1.044	6	3,543,382	-	-	-	-	-
Burji Sp. Wereda	6,981	7,035	0.676	5	903,881	-	-	-	-	-
Konso Sp. Wereda	32,465	25,759	1.256	6	7,002,879	-	-	-	-	-
Derashe Sp. Wereda	8,904	6,813	1.184	6	1,745,075	-	-	-	-	-
Dawro	97,152	71,955	1.079	6	15,588,979	-	-	-	-	-
Basketo Sp. Wereda	8,741	6,831	1.041	6	1,458,553	-	-	-	-	-
Konta Sp. Wereda	21,631	17,578	1.126	6	4,182,761	-	-	-	-	-
Silte	160,410	119,037	0.968	6	22,662,587	-	-	-	-	-
Alaba Sp. Wereda	49,869	36,615	1.258	6	8,687,680	-	-	-	-	-
Gambela Region	62,398	47,588	2.069	7	25,968,122	-	-	-	-	-
Angnuwak	9,589	5,775	1.871	6	2,436,547	-	-	-	-	-
Nuware	29,507	23,193	2.423	8	14,836,870	-	-	-	-	-
Mezhenger	7,913	6,864	1.869	5	2,395,864	-	-	-	-	-
Itang Special	15,390	11,756	1.885	7	6,298,841	-	-	-	-	-
Harari	5,885	10,577	1.835	6	3,944,848	*	*	*	*	*
Hundene	5,885	10,577	1.835	6	3,944,848	*	*	*	*	*
Dire Dawa	8,791	12,797	1.587	5	3,508,619	1,035	990	2.85	9	845,669

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	12,346,856	4	20	12	68,240,818
Tigray	991,394	5	21	13	6,943,173
North West Tigray	201,444	3	19	12	907,558
Central Tigray	279,354	5	22	14	2,351,302
Eastern Tigray	207,851	6	22	13	1,740,706
Southern Tigray	202,770	5	22	14	1,549,220
Western Tigray	99,975	3	18	11	394,387
Afar	16,486	5	18	11	104,548
Zone 1	326	*	16	11	1,898
Zone 3	16,160	5	18	11	102,650
Amhara	3,909,583	4	21	12	22,627,293
North Gonder	737,042	3	19	11	2,923,285
South Gonder	437,093	4	20	11	2,021,723
North Wolo	332,977	5	21	11	2,015,272
South Wolo	717,298	5	23	12	4,970,199
North Shewa	488,826	5	21	12	3,360,392
East Gojam	315,864	5	23	14	2,591,359
West Gojam	496,604	4	21	13	2,680,881
Waghamera	105,908	5	22	11	572,910
Awi	192,693	3	20	13	942,432
Oromia	77,074	5	23	12	512,542
Argoba Special	8,204	4	20	10	36,298
Oromia	4,651,292	4	20	12	25,532,789
West Wellega	255,060	3	18	10	1,008,634
East Wellega	203,895	3	20	11	802,258
Illubabor	266,869	3	19	11	1,101,929
Jimma	454,918	3	18	10	1,682,097
West Shewa	330,577	5	22	12	2,040,814
North Shewa	245,135	6	24	13	1,934,250
East Shewa	275,994	5	23	14	1,949,686
Arsi	519,337	5	23	13	3,821,255
West Harerghe	368,722	3	20	12	1,671,534
East Harerghe	474,580	4	18	10	1,995,527
Bale	220,423	5	22	14	1,490,264
Borena	134,060	4	18	12	867,373
South West Shewa	192,217	5	22	13	1,513,584
Guji	217,332	4	19	12	1,198,469
West arsi	208,998	4	22	13	1,351,965
Kelem Wellega	198,288	3	21	11	758,353
Horoguduru Wellega	84,889	3	21	11	344,796

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	45,173	5	16	12	248,215
Shinele	800	*	*	*	4,768
Jijiga	5,137	7	*	*	28,591
Liben	39,236	4	17	12	214,856
Benshangul-Gumuz	159,293	3	19	11	718,143
Metekel	73,772	3	19	11	280,769
Asosa	48,660	3	20	11	280,628
Kemeshi	23,529	3	18	11	87,679
Pawe Special	5,123	3	19	12	26,708
Mao Komo	8,209	3	20	11	42,360
SNNP	2,491,216	4	19	11	11,620,826
Gurage	245,337	4	19	11	1,282,836
Hadiya	191,391	3	19	11	815,577
Kembata Tembaro	102,510	3	18	11	503,140
Sidama	364,832	4	19	12	1,812,478
Gedio	80,574	3	19	12	408,453
Wolayita	198,584	3	18	10	729,444
South Omo	146,193	4	21	11	693,970
Shaka	42,165	3	17	11	186,474
Kaffa	233,123	3	17	10	869,033
Gamo Gofa	258,055	4	20	11	1,304,086
Bench Maji	160,128	4	18	13	952,988
Yem Sp. Wereda	13,222	4	20	11	75,111
Amaro Sp. Wereda	15,668	4	20	12	72,896
Burji Sp. Wereda	9,717	3	19	11	40,847
Konso Sp. Wereda	59,826	5	17	10	280,199
Derashe Sp. Wereda	33,126	4	20	11	156,439
Dawro	62,378	3	17	10	218,032
Basketo Sp. Wereda	15,148	4	21	11	71,706
Konta Sp. Wereda	20,393	3	16	9	65,944
Silte	196,873	4	19	11	893,187
Alaba Sp. Wereda	41,974	4	19	11	187,987
Gambela Region	41,678	4	19	12	213,866
Angnuwak	18,468	4	19	11	86,148
Nuware	2,889	3	17	14	12,422
Mezhenger	14,797	5	19	12	88,831
Itang Special	5,524	3	19	13	26,464
Harari	12,318	4	17	10	58,475
Hundene	12,318	4	17	10	58,475
Dire Dawa	28,421	5	20	11	173,489

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	508,764	4	38	34	6,250,801
Tigray	148,065	5	35	32	1,779,307
North West Tigray	10,337	4	24	22	98,015
Central Tigray	59,540	5	28	28	689,073
Eastern Tigray	37,217	5	50	41	400,371
Southern Tigray	37,543	4	41	36	558,083
Western Tigray	3,428	4	18	16	*
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	131,616	4	40	35	1,632,653
North Gonder	16,027	4	22	20	91,991
South Gonder	24,716	5	23	19	186,536
North Wolo	3,034	*	*	*	33,185
South Wolo	7,417	5	*	*	119,308
North Shewa	14,352	5	39	35	491,526
East Gojam	16,878	4	51	47	176,203
West Gojam	35,232	4	34	22	336,960
Waghamera	2,214	5	28	23	27,925
Awi	10,388	3	*	*	*
Oromia	1,300	4	33	25	18,584
Argoba Special	*	*	*	*	*
Oromia	189,797	4	40	36	2,276,668
West Wellega	1,292	4	22	17	*
East Wellega	*	3	17	13	*
Illubabor	15,815	3	22	18	94,042
Jimma	12,500	5	35	*	130,141
West Shewa	18,539	5	54	49	285,374
North Shewa	14,192	5	44	41	234,129
East Shewa	15,112	3	41	*	176,374
Arsi	27,149	6	27	22	342,207
West Harerghe	20,020	5	23	21	193,876
East Harerghe	22,612	4	23	17	*
Bale	12,531	4	62	60	137,112
Borena	-	*	*	*	17,952
South West Shewa	9,210	5	55	50	147,535
Guji	*	*	*	*	*
West Arsi	12,853	3	*	*	219,341
Kelem Wellega	*	*	*	*	*
Horoguduru Wellega	1,205	3	*	*	9,662

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	820	4	26	20	8,908
Metekel	*	*	*	*	*
Asosa	293	*	*	*	*
Kemeshi	*	*	*	*	*
Pawe special	192	4	22	18	1,365
Mao komo	-	*	*	*	*
SNNP	36,721	4	36	32	533,116
Gurage	4,991	5	*	*	*
Hadiya	1,547	4	21	18	10,700
Kembata Tembaro	5,914	4	31	27	72,550
Sidama	7,056	4	31	28	90,076
Gedio	797	*	26	22	3,009
Wolayita	*	*	*	*	*
South Omo	1,068	*	22	20	*
Shaka	*	5	22	18	*
Kaffa	2,940	4	32	*	*
Gamo Gofa	*	3	*	*	*
Bench Maji	298	1	30	30	894
Yem Sp. Wereda	129	3	97	94	4,396
Amaro Sp. Wereda	*	*	*	*	*
Burji Sp. Wereda	*	*	*	*	*
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	*	*	*	*	*
Dawro	*	*	*	*	*
Basketo Sp. Wereda	*	5	26	24	*
Konta Sp. Wereda	528	4	19	13	4,823
Silte	*	*	*	*	*
Alaba Sp. Wereda	1,473	4	20	19	9,213
Gambela Region	*	*	*	*	*
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	*	*	*	*	*
Itang Special	-	-	-	-	-
Harari	373	4	24	*	*
Hundene	373	4	24	*	*
Dire Dawa	373	4	24	*	*

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	78,637	1	102	94	792,157
Tigray	32,742	1	156	142	515,927
North West Tigray	*	1	*	*	*
Central Tigray	15,721	1	*	*	122,237
Eastern Tigray	4,053	1	213	194	80,447
Southern Tigray	11,517	1	214	191	308,252
Western Tigray	*	*	*	*	*
Afar	*	*	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	*	*	*	*
Amhara	12,541	1	50	57	65,028
North Gonder	732	1	23	23	*
South Gonder	1,900	1	28	28	6,111
North Wolo	*	*	*	*	*
South Wolo	*	*	*	*	*
North Shewa	-	*	*	*	*
East Gojam	3,198	*	*	*	*
West Gojam	*	1	26	26	*
Waghamera	*	*	*	*	*
Awi	*	1	*	*	*
Oromia	-	-	-	-	-
Argoba Special	-	-	-	-	-
Oromia	22,996	1	81	75	161,622
West Wellega	*	*	*	*	*
East Wellega	-	*	*	*	*
Illubabor	379	1	20	20	759
Jimma	-	-	-	-	-
West Shewa	5,313	1	*	*	*
North Shewa	*	*	*	*	*
East Shewa	4,894	1	*	*	*
Arsi	-	*	-	-	-
West Harerghe	*	*	*	*	*
East Harerghe	*	*	*	*	*
Bale	224	1	275	275	12,341
Borena	-	1	30	30	605
South West Shewa	2,064	1	160	146	*
Guji	-	*	*	*	*
West Arsi	*	1	*	*	*
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	*	*	*	*	*
Mao Komo	-	-	-	-	-
SNNP	9,528	1	61	53	38,920
Gurage	2,958	*	*	*	*
Hadiya	-	-	-	-	-
Kembata Tembaro	*	*	*	*	*
Sidama	*	*	*	*	*
Gedio	*	*	*	*	*
Wolayita	*	1	34	26	*
South Omo	-	-	-	-	-
Shaka	753	1	27	24	1,454
Kaffa	*	*	*	*	*
Gamo Gofa	-	*	*	*	*
Bench Maji	*	1	*	*	*
Yem Sp. Wereda	*	*	*	*	*
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	*	*	*	*
Konso Sp. Wereda	287	*	*	*	*
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 3-23: 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	13,910,148	4,724,568	4,128,191	1,574,600	1,399,184	381,726	1,701,879
Tigray	1,700,878	555,437	617,858	239,270	112,162	35,239	140,913
North West Tigray	161,124	18,047	72,810	24,469	*	*	33,645
Central Tigray	335,849	136,416	166,425	8,247	*	*	*
Eastern Tigray	316,705	181,410	97,524	33,906	*	*	*
Southern Tigray	691,880	156,300	232,294	106,046	101,471	*	87,703
Western Tigray	195,321	63,264	48,806	*	*	-	*
Afar	55,853	17,056	18,607	12,288	*	-	*
Zone 1	48,758	17,056	18,558	11,502	-	-	*
Zone 3	*	-	*	*	*	-	*
Amhara	3,237,422	1,230,054	923,676	233,162	100,872	*	682,582
North Gonder	302,095	154,909	*	*	*	*	*
South Gonder	277,550	77,791	46,996	6,557	*	*	101,038
North Wolo	198,909	76,107	66,575	*	*	*	8,125
South Wolo	421,703	*	247,803	10,573	-	-	*
North Shewa	240,210	55,213	127,480	*	*	*	*
East Gojam	478,680	223,725	85,108	51,832	*	*	*
West Gojam	916,183	480,992	149,102	*	*	*	185,869
Waghamera	12,184	*	*	*	*	*	*
Awı	275,760	56,044	*	*	*	-	117,297
Oromia	112,565	19,917	79,113	*	*	-	*
Argoba Special	1,581	684	897	-	-	-	-
Oromia	6,194,538	1,871,403	1,756,571	821,610	870,424	218,352	656,177
West Wellega	351,456	*	*	105,003	156,924	*	*
East Wellega	289,316	*	103,365	*	88,467	*	*
Illubabor	187,133	*	58,428	7,964	38,202	*	11,684
Jimma	504,546	137,477	125,583	52,089	120,840	*	*
West Shewa	300,740	94,491	117,520	*	*	*	*
North Shewa	260,636	85,852	153,601	*	*	*	*
East Shewa	419,060	173,340	131,595	11,713	*	*	65,798
Arsi	594,404	187,507	138,300	*	*	*	120,078
West Harerghe	615,187	294,659	201,644	*	92,940	-	*
East Harerghe	248,662	189,760	15,700	*	*	-	*
Bale	416,975	162,343	233,680	*	*	*	*
Borena	545,959	9,805	*	342,865	*	*	*
South West Shewa	311,866	88,576	150,787	*	35,098	*	*
Guji	378,510	*	125,629	*	*	*	*
West Arsi	574,408	256,632	*	*	*	*	81,138
Kelem Wellega	75,801	*	10,691	*	*	*	27,089
Horoguduru Wellega	119,878	*	*	-	37,882	*	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	34,359	*	*	*	-	*	*
Shinele	5,402	*	-	*	-	-	*
Jijiga	*	*	*	*	-	-	-
Liben	*	*	*	*	-	*	*
Benshangul-Gumuz	128,653	20,137	45,515	13,485	20,087	14,306	15,125
Metekel	82,086	4,320	41,172	9,080	666	14,055	12,792
Asosa	30,256	12,291	*	2,061	15,482	-	-
Kemeshi	4,877	*	*	*	1,923	-	*
Pawe Special	6,228	1,662	1,968	-	*	*	1,994
Mao Komo	5,207	*	1,728	1,026	1,663	-	*
SNNP	2,531,890	1,022,317	755,366	224,206	287,908	45,980	196,112
Gurage	287,126	102,682	137,828	*	*	*	*
Hadiya	103,413	58,628	27,291	*	*	*	-
Kembata Tembaro	176,419	105,156	32,545	*	*	-	*
Sidama	281,309	99,020	69,511	*	*	*	*
Gedio	18,145	*	*	*	*	*	*
Wolayita	365,509	153,515	106,087	27,496	*	*	68,589
South Omo	*	*	*	*	-	-	*
Shaka	44,890	30,214	*	*	*	-	12,783
Kaffa	183,314	64,782	42,597	*	64,585	-	*
Gamo Gofa	387,650	108,740	164,074	102,522	-	*	*
Bench Maji	181,005	65,476	*	2,833	74,656	*	*
Yem Sp. Wereda	19,291	4,035	8,793	*	*	-	5,397
Amaro Sp. Wereda	37,064	6,727	*	*	*	-	17,857
Burji Sp. Wereda	30,125	783	9,748	*	8,087	*	11,164
Konso Sp. Wereda	40,106	*	*	*	-	*	*
Derashe Sp. Wereda	13,974	*	*	*	-	*	3,910
Dawro	50,063	30,386	17,312	*	-	-	*
Basketo Sp. Wereda	25,327	9,388	15,879	*	-	*	-
Konta Sp. Wereda	29,045	16,650	9,798	*	1,408	-	*
Silte	131,168	78,789	33,977	*	*	-	4,239
Alaba Sp. Wereda	36,085	29,061	*	*	-	-	-
Gambela Region	6,703	*	*	*	1,855	-	1,423
Angnuwak	*	*	*	*	-	-	*
Nuware	-	-	-	-	-	-	-
Mezhenger	2,033	*	*	-	*	-	492
Itang Special	1,778	-	*	*	1,672	-	*
Harari	2,958	*	*	*	*	-	*
Hundene	2,958	*	*	*	*	-	*
Dire Dawa	16,894	3,125	8,709	1,700	2,675	*	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	4,025,712	485,529	365,777	887,002	937,550	41,371	1,308,483
Tigray	685,499	22,704	70,923	*	440,214	*	*
North West Tigray	12,935	*	*	*	-	*	*
Central Tigray	142,945	*	*	*	124,382	*	-
Eastern Tigray	279,328	*	*	*	227,412	*	*
Southern Tigray	231,451	14,269	*	*	*	-	*
Western Tigray	*	*	*	*	-	-	*
Afar	28,647	*	*	2,156	24,728	*	*
Zone 1	19,072	*	*	2,156	15,153	*	*
Zone 3	*	-	-	-	*	-	-
Amhara	2,360,343	292,662	212,639	516,991	331,253	19,679	987,119
North Gonder	166,372	96,888	*	*	-	-	*
South Gonder	87,326	*	*	*	*	*	47,268
North Wolo	169,004	*	-	*	*	*	*
South Wolo	753,780	*	*	180,533	*	*	442,451
North Shewa	215,676	*	*	38,009	*	-	*
East Gojam	529,289	*	93,750	83,394	102,852	*	181,727
West Gojam	333,067	80,529	*	48,053	*	*	138,380
Waghamera	12,891	*	*	*	-	-	*
Awi	80,423	*	*	*	*	-	19,207
Oromia	12,457	*	*	*	*	-	*
Argoba Special	*	*	*	-	-	-	-
Oromia	700,009	121,118	67,515	188,703	110,350	*	197,318
West Wellega	*	*	*	*	*	-	*
East Wellega	*	-	*	*	*	-	*
Illubabor	*	-	*	*	-	-	-
Jimma	8,273	-	*	*	*	-	*
West Shewa	109,336	*	*	*	*	*	33,415
North Shewa	116,322	*	*	*	*	*	50,236
East Shewa	62,281	*	*	*	*	-	10,871
Arsi	204,443	42,285	*	53,562	*	*	64,420
West Harerghe	35,246	8,163	*	*	16,402	-	*
East Harerghe	36,566	22,318	*	*	*	-	-
Bale	*	*	-	*	-	-	*
Borena	6,288	*	-	5,105	-	-	*
South West Shewa	29,697	*	*	*	*	*	*
Guji	*	-	-	*	-	*	-
West Arsi	30,085	*	*	*	-	-	*
Kelem Wellega	*	*	*	*	-	*	-
Horoguduru Wellega	16,168	*	*	*	*	-	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	29,371	*	*	19,363	*	-	*
Shinele	5,943	-	-	*	*	-	*
Jijiga	*	*	*	*	-	-	-
Liben	14,268	-	-	12,729	-	-	*
Benshangul-Gumuz	5,177	*	*	*	*	*	703
Metekel	182	-	-	-	-	-	182
Asosa	*	-	-	*	-	*	-
Kemeshi	*	*	-	*	*	-	*
Pawe Special	*	-	-	*	-	-	*
Mao Komo	330	-	*	*	-	-	-
SNNP	181,443	37,268	*	83,419	17,889	*	32,739
Gurage	12,030	*	-	*	*	-	*
Hadiya	*	*	*	*	-	-	-
Kembata Tembaro	28,821	*	*	2,622	*	-	*
Sidama	*	*	-	*	-	-	-
Gedio	13,269	-	-	*	*	*	-
Wolayita	*	*	-	*	*	*	-
South Omo	*	-	-	*	*	-	-
Shaka	*	*	*	*	-	-	-
Kaffa	*	-	-	*	*	-	-
Gamo Gofa	*	-	-	*	-	-	-
Bench Maji	*	-	-	*	*	-	-
Yem Sp. Wereda	4,466	-	*	*	1,003	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-
Burji Sp. Wereda	*	-	-	*	-	-	-
Konso Sp. Wereda	*	-	*	*	-	-	-
Derashe Sp. Wereda	*	-	-	*	-	-	*
Dawro	*	*	-	*	-	*	*
Basketo Sp. Wereda	*	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	33,145	*	*	*	*	*	*
Alaba Sp. Wereda	6,656	2,881	-	*	-	-	*
Gambela Region	*	-	*	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	*	-	*	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	35,204	8,036	3,733	8,141	10,559	-	4,734

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	2,867,956	380,425	254,789	677,711	818,727	42,854	693,450
Tigray	1,005,302	104,744	101,281	121,482	547,614	12,441	117,741
North West Tigray	147,405	*	24,221	*	19,632	*	*
Central Tigray	533,274	*	*	*	430,815	*	*
Eastern Tigray	42,792	-	*	*	32,992	*	-
Southern Tigray	212,407	*	*	*	64,175	-	67,050
Western Tigray	69,424	11,983	15,805	*	-	-	9,087
Afar	53,168	*	*	2,121	43,539	*	*
Zone 1	41,593	*	*	1,772	36,385	*	*
Zone 3	*	-	-	*	*	-	*
Amhara	887,329	110,168	105,695	159,306	89,770	*	417,331
North Gonder	71,639	*	*	*	-	-	*
South Gonder	107,748	*	*	*	*	-	41,393
North Wolo	38,196	*	-	5,399	*	-	*
South Wolo	188,000	*	*	47,903	*	-	104,846
North Shewa	138,553	*	*	52,171	*	*	55,622
East Gojam	103,178	*	*	*	*	-	25,186
West Gojam	97,472	47,164	*	7,220	*	*	29,567
Waghamera	59,371	*	*	*	*	-	30,931
Awi	14,724	*	*	*	*	-	*
Oromia	68,040	*	2,555	*	*	-	47,669
Argoba Special	407	-	407	-	-	-	-
Oromia	630,677	138,285	34,023	213,326	100,749	*	121,017
West Wellega	*	-	-	*	*	-	-
East Wellega	*	-	*	*	*	-	*
Illubabor	*	-	-	*	*	-	-
Jimma	*	-	-	-	*	-	-
West Shewa	*	-	-	*	-	-	-
North Shewa	15,988	-	*	-	-	*	8,825
East Shewa	88,224	13,245	*	*	*	*	*
Arsi	*	*	*	*	*	*	*
West Harerghe	130,887	24,227	*	*	43,695	-	*
East Harerghe	89,129	63,062	*	*	*	-	-
Bale	32,901	*	*	*	-	-	*
Borena	*	-	*	*	-	-	*
South West Shewa	*	*	*	-	*	-	*
Guji	*	-	*	*	-	-	*
West Arsi	*	*	*	*	-	*	*
Kelem Wellega	*	*	*	*	*	*	*
Horoguduru Wellega	3,801	*	*	-	*	-	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Somale	44,594	*	*	32,332	*	-	*
Shinele	*	-	-	*	*	-	*
Jijiga	*	*	*	*	-	-	-
Liben	26,254	-	-	23,960	-	-	-
Benshangul-Gumuz	49,186	*	*	36,248	*	*	*
Metekel	-	-	-	-	-	-	-
Asosa	43,840	*	*	35,959	*	*	*
Kemeshi	*	-	-	*	*	-	*
Pawe Special	*	*	-	-	*	-	*
Mao Komo	*	-	*	-	-	-	-
SNNP	123,055	7,164	3,710	98,997	3,123	-	10,061
Gurage	*	*	-	*	*	-	*
Hadiya	*	-	-	*	-	-	-
Kembata Tembaro	9,690	*	*	1,514	*	-	*
Sidama	*	*	-	-	-	-	-
Gedio	-	-	-	-	-	-	-
Wolayita	*	*	-	-	-	-	-
South Omo	*	-	-	*	-	-	-
Shaka	-	-	-	-	-	-	-
Kaffa	*	*	-	-	-	-	-
Gamo Gofa	*	-	-	*	-	-	*
Bench Maji	*	-	-	-	*	-	-
Yem Sp. Wereda	*	-	*	*	-	-	*
Amaro Sp. Wereda	*	-	-	*	-	-	-
Burji Sp. Wereda	2,982	-	*	1,979	-	-	*
Konso Sp. Wereda	*	-	*	*	-	-	-
Derashe Sp. Wereda	*	-	-	*	-	-	*
Dawro	-	-	-	-	-	-	-
Basketo Sp. Wereda	*	-	*	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-
Silte	*	*	-	*	*	-	*
Alaba Sp. Wereda	3,726	*	*	*	-	-	*
Gambela Region	*	-	*	-	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-
Itang Special	*	-	*	-	-	-	-
Harari	*	*	*	-	-	-	-
Hundene	*	*	*	-	-	-	-
Dire Dawa	74,415	15,357	8,258	13,899	21,369	-	-

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:					
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Rinderpest	Others
Ethiopia	-	-	-	-	-	-	-
Tigray	-	-	-	-	-	-	-
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-
Southern Tigray	-	-	-	-	-	-	-
Western Tigray	-	-	-	-	-	-	-
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	-	-	-	-	-	-	-
North Gonder	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-
North Wolo	-	-	-	-	-	-	-
South Wolo	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-
Oromia	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-
Oromia	-	-	-	-	-	-	-
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	7,084,627	6,388,707	4,881,643	721,081	111,977	842,697
Tigray	243,483	344,145	625,193	26,485	2,793	287,303
North West Tigray	58,326	12,109	185,037	2,246	*	*
Central Tigray	63,473	69,617	238,096	8,177	*	108,529
Eastern Tigray	20,095	156,172	27,874	3,184	*	114,329
Southern Tigray	61,508	90,270	95,260	8,226	*	*
Western Tigray	40,080	*	78,927	4,652	556	-
Afar	94,588	110,999	149,665	1,883	10,557	6,842
Zone 1	65,202	54,970	72,319	*	6,325	*
Zone 3	29,386	56,029	77,346	782	4,233	6,807
Amhara	1,538,745	2,491,975	1,513,060	187,882	7,863	492,391
North Gondar	401,256	349,146	421,493	41,725	*	-
South Gondar	145,860	193,385	206,238	25,191	-	-
North Wolo	113,223	238,260	117,794	10,917	*	-
South Wolo	139,042	596,419	97,004	18,522	-	-
North Shewa	116,824	393,288	219,570	27,213	*	239,311
East Gojam	175,303	283,886	132,481	19,671	-	*
West Gojam	258,076	273,658	73,424	19,419	-	*
Waghamera	36,151	42,500	181,596	6,072	-	-
Awi	108,743	111,805	25,096	16,935	-	*
Oromia	42,159	9,526	35,024	2,017	1,952	*
Argoba Special	2,109	102	3,341	199	101	-
Oromia	3,440,035	2,572,990	1,725,037	404,597	59,294	*
West Wellega	318,518	108,467	30,516	28,919	*	-
East Wellega	240,084	92,901	54,956	17,033	-	-
Illubabor	263,728	144,329	64,188	21,174	-	-
Jimma	440,210	240,646	80,763	32,961	-	-
West Shewa	368,815	396,938	137,911	40,950	-	-
North Shewa	136,388	371,896	50,661	15,589	-	*
East Shewa	123,878	139,686	140,527	19,303	*	-
Arsi	172,208	339,580	128,087	44,995	*	*
West Harerghe	122,426	28,910	213,329	8,100	*	-
East Harerghe	183,773	47,518	173,453	14,609	*	-
Bale	142,884	65,354	216,046	32,457	4,352	-
Borena	131,180	69,653	159,526	6,644	*	*
South West Shewa	140,269	73,468	37,047	18,707	-	-
Guji	126,617	69,091	86,078	25,429	*	*
Werst Arsi	219,097	231,772	60,989	41,674	-	-
Kelem Wellega	142,699	68,583	54,301	14,497	*	-
Horoguduru Wellega	167,262	84,199	36,659	21,556	-	-

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	62,257	131,528	173,107	3,933	28,207	*
Shinele	2,947	34,636	65,897	*	1,573	-
Jijiga	24,084	58,360	45,109	851	*	*
Liben	*	38,532	62,101	2,142	22,511	*
Benshangul-Gumuz	155,070	39,026	196,105	19,303	-	17,843
Metekel	67,710	12,293	36,814	3,262	-	17,418
Asosa	60,811	17,072	129,917	12,875	-	-
Kemeshi	6,422	3,086	21,733	2,511	-	-
Pawe Special	10,836	1,543	1,499	158	-	*
Mao Komo	9,291	5,032	6,142	497	-	-
SNNP	1,506,422	677,515	453,937	75,844	*	*
Gurage	118,906	54,195	16,085	6,142	-	-
Hadiya	96,713	57,157	20,254	8,573	-	-
Kembata Tembaro	38,643	23,180	6,771	2,508	-	*
Sidama	152,275	55,018	23,936	11,959	*	*
Gedio	16,043	29,236	*	4,262	-	-
Wolayita	122,211	25,029	6,859	4,058	-	-
South Omo	122,880	61,062	155,323	2,841	-	-
Shaka	19,096	12,768	1,400	1,081	-	-
Kaffa	160,097	120,285	33,099	12,878	-	*
Gamo Gofa	272,897	60,356	33,802	7,572	-	-
Bench Maji	87,138	29,349	*	757	-	-
Yem Sp. Wereda	9,378	9,893	4,152	532	-	-
Amaro Sp. Wereda	30,679	4,703	20,503	*	-	-
Burji Sp. Wereda	15,612	957	9,743	431	-	-
Konso Sp. Wereda	33,270	30,717	57,483	*	-	-
Derashe Sp. Wereda	18,467	5,658	21,168	2,489	-	-
Dawro	95,849	16,552	4,485	3,110	-	*
Basketo Sp. Wereda	9,665	3,409	1,629	266	-	-
Konta Sp. Wereda	26,157	3,129	2,536	257	-	-
Silte	42,969	56,417	8,988	2,797	-	-
Alaba Sp. Wereda	17,476	18,446	15,643	2,344	-	-
Gambela Region	35,341	5,509	9,054	*	-	*
Angnuwak	11,350	*	3,741	-	-	*
Nuware	12,700	2,987	3,149	-	-	*
Mezhenger	3,683	808	*	*	-	-
Itang Special	7,608	1,390	2,040	-	-	1,168
Harari	4,376	565	6,563	485	*	-
Hundene	4,376	565	6,563	485	*	-
Dire Dawa	4,310	14,454	29,922	618	438	*

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	3,293,033	1,870,520	1,068,829	280,920	24,206	38,505
Tigray	119,306	137,064	203,834	10,104	1,021	19,081
North West Tigray	29,286	3,774	48,740	1,312	*	*
Central Tigray	32,032	31,133	105,631	2,764	-	16,773
Eastern Tigray	7,861	*	*	*	-	*
Southern Tigray	36,575	27,981	22,919	3,784	*	-
Western Tigray	13,552	*	19,146	1,402	*	-
Afar	4,067	6,475	11,829	*	1,168	*
Zone 1	3,308	4,253	5,503	*	747	-
Zone 3	759	*	6,326	*	*	*
Amhara	695,428	975,874	351,699	70,682	*	17,368
North Gondar	121,389	100,470	71,262	17,073	*	-
South Gondar	57,323	41,065	25,196	8,298	-	-
North Wolo	31,043	77,953	*	2,900	*	-
South Wolo	75,571	229,463	32,587	4,795	-	-
North Shewa	46,372	*	48,874	9,083	*	11,966
East Gojam	98,506	142,607	19,951	4,873	-	-
West Gojam	164,826	169,616	19,286	11,484	-	*
Waghamera	11,645	*	87,141	*	-	-
Awi	76,111	69,045	12,248	10,454	-	*
Oromia	12,510	*	*	*	1,565	-
Argoba Special	132	-	885	-	*	-
Oromia	1,700,160	619,384	367,694	167,699	*	*
West Wellega	268,808	62,404	9,220	22,299	*	-
East Wellega	140,030	28,945	27,817	11,467	-	-
Illubabor	155,836	43,312	14,110	11,496	-	-
Jimma	170,921	15,093	*	9,008	-	-
West Shewa	135,108	43,789	*	12,124	-	-
North Shewa	31,848	84,263	*	4,673	-	*
East Shewa	56,205	34,830	59,673	5,803	*	-
Arsi	70,523	114,443	*	20,416	-	-
West Harerghe	26,257	*	19,174	*	-	-
East Harerghe	84,061	*	40,510	*	*	-
Bale	41,787	*	27,822	9,248	*	-
Borena	43,110	8,999	16,546	2,116	*	*
South West Shewa	83,511	14,272	2,936	8,257	-	-
Guji	42,983	*	*	5,364	*	*
West Arsi	106,467	59,351	16,870	20,783	-	-
Kelem Wellega	126,595	42,681	32,407	9,253	*	-
Horoguduru Wellega	116,109	28,404	12,943	12,257	-	-

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	4,820	*	11,836	*	1,558	*
Shinele	379	1,845	3,044	-	*	-
Jijiga	*	*	*	-	*	*
Liben	3,222	*	*	*	*	-
Benshangul-Gumuz	116,596	17,590	46,696	7,129	-	*
Metekel	40,058	3,274	8,392	1,069	-	-
Asosa	57,104	10,972	32,585	4,399	-	-
Kemeshi	4,778	*	*	1,371	-	-
Pawe Special	7,638	1,136	546	91	-	*
Mao Komo	7,018	1,528	827	200	-	-
SNNP	641,292	98,458	67,268	24,612	-	*
Gurage	49,219	3,928	*	918	-	-
Hadiya	30,683	2,964	*	3,348	-	-
Kembata Tembaro	14,075	*	*	1,330	-	-
Sidama	44,980	*	*	*	-	-
Gedio	3,418	4,435	-	1,108	-	-
Wolayita	69,213	7,247	*	3,169	-	-
South Omo	16,602	5,559	*	-	-	-
Shaka	10,316	1,220	*	559	-	-
Kaffa	44,510	5,412	-	4,282	-	*
Gamo Gofa	148,699	*	*	3,805	-	-
Bench Maji	48,373	3,357	*	*	-	-
Yem Sp. Wereda	4,103	1,092	*	*	-	-
Amaro Sp. Wereda	16,188	*	4,027	*	-	-
Burji Sp. Wereda	8,499	*	1,651	186	-	-
Konso Sp. Wereda	23,602	12,925	23,512	*	-	-
Derashe Sp. Wereda	10,869	1,165	4,786	915	-	-
Dawro	51,564	3,635	*	1,868	-	-
Basketo Sp. Wereda	*	866	*	103	-	-
Konta Sp. Wereda	19,000	*	*	130	-	-
Silte	16,699	14,794	1,167	1,010	-	-
Alaba Sp. Wereda	3,786	1,638	1,162	*	-	-
Gambela Region	8,155	175	958	*	-	*
Angnuwak	5,577	-	*	-	-	-
Nuware	*	-	*	-	-	*
Mezhenger	2,242	*	*	*	-	-
Itang Special	327	*	*	-	-	55
Harari	2,032	*	1,122	168	*	-
Hundene	2,032	*	1,122	168	*	-
Dire Dawa	1,177	2,477	5,893	129	*	*

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

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Ethiopia	2,762,813	5,061,437	3,896,515	118,199	255,682	19,263	48,025	16,995,317
Tigray	93,039	305,211	511,188	1,038	15,188	1,160	1,872	1,856,105
North West Tigray	22,762	11,634	146,713	*	1,222	-	-	602,525
Central Tigray	19,633	44,555	176,683	*	4,218	-	*	495,480
Eastern Tigray	9,907	157,898	41,040	-	3,239	-	637	139,179
Southern Tigray	26,849	79,768	84,075	*	5,527	*	*	229,233
Western Tigray	13,888	*	62,676	*	981	*	*	389,688
Afar	81,800	91,555	129,517	*	1,469	*	7,428	17,311
Zone 1	58,062	42,739	63,021	*	*	*	3,944	*
Zone 3	23,738	48,816	66,496	-	400	*	*	17,290
Amhara	468,044	1,933,797	1,152,313	16,208	90,109	2,550	*	6,234,434
North Gonder	104,627	302,078	298,948	*	15,361	*	-	2,885,321
South Gonder	39,580	149,629	174,488	*	8,403	*	-	671,736
North Wolo	51,090	156,036	63,735	*	7,773	-	-	240,502
South Wolo	52,467	437,039	77,130	*	4,628	*	-	251,639
North Shewa	53,446	281,325	175,820	*	17,666	-	*	507,523
East Gojam	50,081	297,090	113,226	2,544	10,041	-	-	222,411
West Gojam	57,181	172,680	68,480	*	18,752	*	-	1,054,680
Waghamera	12,176	50,823	131,195	-	3,467	*	-	56,567
Awı	19,013	81,418	15,992	3,214	3,586	*	-	265,259
Oromia	27,147	5,565	30,746	-	*	-	*	75,296
Argoba Special	1,237	114	2,554	-	*	-	90	3,500
Oromia	1,397,784	2,033,512	1,496,424	78,281	110,533	12,616	30,084	5,660,944
West Wellega	61,724	81,346	28,629	*	8,627	*	-	783,040
East Wellega	75,584	73,519	47,160	*	10,825	-	-	303,658
Illubabor	85,392	111,638	43,228	7,518	1,516	*	-	505,868
Jimma	190,646	193,818	63,746	6,708	4,503	4,674	*	404,381
West Shewa	144,700	299,110	109,005	11,121	5,974	*	-	520,925
North Shewa	84,945	292,620	40,310	3,466	5,915	-	-	145,081
East Shewa	72,753	109,263	112,258	*	10,616	-	*	358,279
Arsi	103,473	290,100	127,905	11,368	10,060	1,541	*	690,321
West Harerghe	68,655	30,369	200,736	-	4,554	-	*	218,991
East Harerghe	67,754	35,219	153,756	*	8,788	-	*	146,018
Bale	81,417	55,576	184,960	3,783	13,467	*	4,109	126,000
Borena	52,954	40,904	112,803	*	2,512	*	*	140,463
South West Shewa	58,014	65,249	36,247	3,758	7,197	*	-	295,636
Guji	76,226	58,771	100,681	10,419	2,003	*	*	223,580
West Arsi	96,078	174,349	65,430	10,080	6,299	-	-	205,968
Kelem Wellega	37,689	46,362	32,387	*	2,323	*	-	325,008
Horoguduru Wellega	39,783	75,298	37,184	3,740	5,352	*	-	267,727

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	25,816	81,439	87,746	*	1,845	*	7,713	9,112
Shinele	845	27,686	41,730	*	247	-	*	*
Jijiga	6,787	32,799	14,839	-	*	*	*	-
Liben	*	20,954	31,177	-	1,107	-	6,838	8,504
Benshangul-Gumuz	31,085	22,537	135,224	*	8,940	232	-	962,090
Metekel	12,048	7,118	26,652	-	1,218	204	-	196,018
Asosa	11,397	8,882	84,488	*	6,071	-	-	637,915
Kemeshi	1,616	2,953	17,618	-	1,346	-	-	57,928
Pawe Special	1,339	401	925	-	49	*	-	23,678
Mao Komo	4,685	3,183	5,541	-	257	*	-	46,550
SNNP	644,372	576,901	350,511	19,935	27,086	2,378	-	2,136,963
Gurage	64,725	53,591	16,017	*	*	*	-	142,136
Hadiya	54,269	48,310	18,543	1,525	2,027	*	-	190,766
Kembata Tembaro	20,185	18,367	5,875	*	*	-	-	76,463
Sidama	63,755	48,965	20,602	*	4,094	-	-	205,014
Gedio	4,150	21,728	*	662	*	-	-	66,507
Wolayita	51,902	22,767	7,317	*	1,338	-	-	107,253
South Omo	58,764	32,672	96,341	*	*	*	-	224,398
Shaka	8,718	11,731	*	*	*	-	-	112,351
Kaffa	100,159	111,548	31,583	8,792	*	*	-	261,255
Gamo Gofa	85,418	46,044	34,848	*	1,978	*	-	233,936
Bench Maji	30,388	36,228	*	*	-	-	-	226,252
Yem Sp. Wereda	3,526	9,065	3,571	*	214	*	-	12,478
Amaro Sp. Wereda	8,098	3,923	14,294	*	*	-	-	6,317
Burji Sp. Wereda	2,741	745	5,884	-	118	-	-	9,671
Konso Sp. Wereda	10,800	22,070	41,678	*	*	-	-	33,653
Derashe Sp. Wereda	5,104	4,470	17,260	-	495	*	-	28,534
Dawro	30,164	17,358	3,592	*	625	*	-	44,449
Basketo Sp. Wereda	2,633	2,981	1,102	-	*	*	-	21,653
Konta Sp. Wereda	8,827	3,521	1,766	-	-	-	-	9,237
Silte	20,257	46,525	7,998	1,086	839	-	-	78,340
Alaba Sp. Wereda	9,786	14,294	13,649	399	1,168	-	-	46,297
Gambela Region	16,630	3,967	6,307	-	-	-	-	108,264
Angnuwak	4,554	*	2,869	-	-	-	-	38,128
Nuware	7,726	2,379	2,174	-	-	-	-	*
Mezhenger	1,485	986	*	-	-	-	-	64,589
Itang Special	2,865	467	1,163	-	-	-	-	3,001
Harari	1,888	643	6,006	-	267	-	*	4,599
Hundene	1,888	643	6,006	-	267	-	*	4,599
Dire Dawa	2,355	11,875	21,280	-	245	-	*	5,496

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	618,604	778,583	1,062,578	21,871	88,075	2,861	13,575	17,467,626
Tigray	49,774	73,072	177,849	*	18,398	*	*	1,391,492
North West Tigray	15,855	3,322	41,656	-	*	-	*	378,463
Central Tigray	6,574	18,922	59,703	*	*	-	-	297,665
Eastern Tigray	7,368	34,447	22,436	-	2,252	-	*	164,409
Southern Tigray	10,752	14,291	36,213	*	*	*	-	330,959
Western Tigray	9,226	*	17,841	-	1,340	-	-	219,995
Afar	47,995	45,630	74,468	*	*	-	3,294	11,942
Zone 1	27,496	30,474	50,849	-	*	-	2,841	*
Zone 3	20,499	15,156	23,619	*	*	-	*	11,526
Amhara	187,362	274,456	323,215	5,250	30,122	*	*	5,567,285
North Gonder	38,278	34,383	87,606	*	*	-	-	1,800,600
South Gonder	15,655	33,554	38,863	*	2,961	-	-	630,372
North Wolo	21,282	36,414	39,269	*	3,309	-	-	373,197
South Wolo	18,251	62,231	36,008	*	3,556	*	-	552,270
North Shewa	23,536	49,592	38,879	*	4,876	*	-	533,475
East Gojam	23,029	17,340	31,224	*	3,287	-	-	219,371
West Gojam	13,038	24,895	11,188	-	2,816	-	*	763,713
Waghamera	11,211	8,729	22,781	-	*	-	-	205,064
Awı	2,982	6,526	*	*	*	*	-	313,313
Oromia	19,545	767	14,821	*	-	-	*	157,650
Argoba Special	555	*	694	-	*	-	*	18,260
Oromia	234,915	254,725	351,844	13,031	31,238	1,230	*	5,678,098
West Wellega	9,196	16,154	2,539	*	2,441	-	-	405,961
East Wellega	15,070	15,881	4,985	-	1,496	-	-	290,463
Illubabor	9,968	8,088	7,189	1,154	-	-	-	439,604
Jimma	14,901	25,346	5,793	-	-	-	-	585,908
West Shewa	16,939	17,430	16,520	*	2,205	*	-	338,108
North Shewa	18,509	11,500	10,831	*	1,658	*	-	68,595
East Shewa	23,795	34,017	36,146	*	*	-	*	207,062
Arsi	22,737	29,512	39,188	*	2,794	-	*	508,461
West Harerghe	20,993	5,617	50,735	-	2,502	-	*	821,992
East Harerghe	14,900	12,920	51,267	-	5,342	-	-	560,247
Bale	15,111	10,602	43,843	*	3,100	-	*	291,628
Borena	10,698	4,086	13,354	-	*	-	*	159,687
South West Shewa	7,578	5,554	*	*	*	*	-	135,724
Guji	5,319	6,709	46,738	*	*	-	*	287,203
West Arsi	16,879	*	11,892	4,413	2,340	-	-	212,913
Kelem Wellega	6,364	10,171	4,038	*	*	*	*	256,475
Horoguduru Wellega	5,958	3,571	3,662	*	606	*	-	108,068

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	3,518	16,341	19,801	-	777	-	1,215	18,068
Shinele	315	3,559	7,294	-	306	-	*	*
Jijiga	1,765	8,757	5,923	-	*	-	*	*
Liben	1,438	4,026	6,584	-	*	-	1,002	17,602
Benshangul-Gumuz	6,972	4,626	32,715	-	616	-	-	477,854
Metekel	5,211	2,456	19,445	-	217	-	-	173,769
Asosa	865	1,061	9,600	-	367	-	-	250,159
Kemeshi	*	561	3,052	-	*	-	-	26,727
Pawe Special	135	*	39	-	-	-	-	9,183
Mao Komo	380	531	579	-	-	-	-	18,017
SNNP	83,243	104,226	72,217	2,377	*	*	-	4,146,337
Gurage	10,324	9,890	4,265	-	*	-	-	178,936
Hadiya	8,804	5,300	4,074	*	*	-	-	344,700
Kembata Tembaro	2,780	2,373	*	-	*	-	-	258,029
Sidama	8,636	5,360	3,702	*	-	-	-	715,560
Gedio	*	2,919	*	-	-	-	-	134,226
Wolayita	7,186	4,082	*	-	-	-	-	322,160
South Omo	9,355	6,841	*	*	-	-	-	153,276
Shaka	833	3,705	*	*	-	*	-	124,700
Kaffa	5,106	20,817	8,631	*	*	-	-	662,613
Gamo Gofa	9,854	7,198	12,733	*	*	-	-	426,725
Bench Maji	5,840	13,417	*	*	-	-	-	334,751
Yem Sp. Wereda	715	487	392	-	-	-	-	21,848
Amaro Sp. Wereda	1,087	184	831	-	-	-	-	16,129
Burji Sp. Wereda	1,057	*	1,755	*	*	-	-	11,541
Konso Sp. Wereda	*	661	5,639	-	-	-	-	19,972
Derashe Sp. Wereda	*	707	1,186	-	*	-	-	41,691
Dawro	4,486	6,861	3,538	*	*	*	-	56,823
Basketo Sp. Wereda	271	417	*	-	-	-	-	33,158
Konta Sp. Wereda	408	1,435	1,208	-	-	-	-	44,163
Silte	3,143	9,057	1,144	-	-	-	-	166,165
Alaba Sp. Wereda	2,192	2,464	2,399	-	*	-	-	79,171
Gambela Region	3,813	1,811	1,605	-	-	-	-	142,379
Angnuwak	*	-	*	-	-	-	-	79,361
Nuware	*	*	*	-	-	-	-	*
Mezhenger	141	*	*	-	-	-	-	59,618
Itang Special	462	57	175	-	-	-	-	2,520
Harari	417	128	1,817	-	*	-	-	18,126
Hundene	417	128	1,817	-	*	-	-	18,126
Dire Dawa	594	3,568	7,048	-	113	-	98	594

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	2,590,914	3,478,057	3,356,546	2,906,563	661,112	117,380	7,586	2,123	486
Tigray	171,369	195,313	217,989	195,379	40,315	9,773	1,037	-	-
North West Tigray	19,314	25,552	33,278	45,515	17,072	3,278	277	-	-
Central Tigray	52,724	59,474	76,682	61,109	2,090	-	-	-	-
Eastern Tigray	35,408	40,923	48,890	22,946	1,137	-	-	-	-
Southern Tigray	53,057	59,443	50,156	46,732	8,272	722	-	-	-
Western Tigray	10,866	9,921	8,983	19,076	11,745	5,774	759	-	-
Afar	10,456	3,056	4,672	8,775	7,345	6,307	628	85	-
Zone 1	3,470	983	2,487	6,396	5,021	3,357	168	-	-
Zone 3	6,986	2,073	2,186	2,379	2,324	2,949	460	85	-
Amhara	620,185	1,040,203	1,043,479	762,884	122,070	11,418	476	-	-
North Gonder	100,435	131,437	128,031	135,977	39,219	5,624	476	-	-
South Gonder	66,967	146,588	141,642	85,055	5,722	368	-	-	-
North Wolo	66,171	100,489	114,145	61,954	4,188	286	-	-	-
South Wolo	65,176	167,253	215,790	99,147	4,468	-	-	-	-
North Shewa	90,857	129,291	119,637	78,341	3,730	316	-	-	-
East Gojam	75,101	153,946	110,206	94,650	20,660	1,771	-	-	-
West Gojam	76,273	120,358	119,806	124,325	26,426	2,328	-	-	-
Waghamera	19,671	28,923	23,796	19,737	1,967	121	-	-	-
Awii	40,211	34,742	41,534	45,339	12,259	592	-	-	-
Oromia	17,567	25,529	27,140	16,868	3,252	-	-	-	-
Argoba Special	1,753	1,648	1,752	1,491	179	12	-	-	-
Oromia	1,095,558	1,320,568	1,202,243	1,288,132	387,981	69,720	1,953	407	254
West Wellega	103,164	51,368	39,850	51,337	16,171	4,484	463	-	-
East Wellega	59,380	53,310	41,034	56,027	16,236	1,727	-	-	-
Illubabor	84,224	60,617	53,330	50,684	17,880	2,291	-	-	-
Jimma	89,453	130,635	165,207	144,815	25,923	741	-	-	-
West Shewa	94,323	95,494	88,504	108,379	32,282	3,690	-	-	-
North Shewa	45,444	58,382	76,403	94,468	26,054	3,976	260	-	-
East Shewa	68,492	64,946	50,865	68,996	22,248	6,693	-	-	-
Arsi	88,998	106,124	118,499	165,817	52,444	8,174	-	-	-
West Harerghe	52,082	105,561	106,127	85,378	12,588	881	-	-	-
East Harerghe	76,733	261,602	145,320	66,299	9,600	1,053	-	-	-
Bale	39,276	52,319	57,631	91,160	29,341	2,296	-	-	-
Borena	36,151	35,173	25,925	41,220	23,083	12,394	658	407	254
South West Shewa	42,724	61,227	66,356	54,548	11,979	556	-	-	-
Guji	56,001	42,920	37,934	53,560	27,630	9,607	-	-	-
West Arsi	73,301	80,771	80,329	100,735	44,212	8,012	572	-	-
Kelem Wellega	65,027	42,090	27,665	22,753	4,303	125	-	-	-
Horoguduru Wellega	20,788	18,028	21,264	31,955	16,008	3,020	-	-	-

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	47,556	20,452	26,860	32,221	16,740	2,897	343	-	-
Shinele	13,356	2,057	1,825	1,945	778	225	-	-	-
Jijiga	16,144	12,505	18,384	21,837	10,031	751	96	-	-
Liben	18,055	5,890	6,651	8,439	5,930	1,922	247	-	-
Benshangul-Gumuz	68,864	22,327	18,278	19,403	8,052	1,449	19	-	-
Metekel	13,554	8,588	8,279	12,274	6,974	1,321	-	-	-
Asosa	34,901	8,198	6,746	4,432	305	-	-	-	-
Kemeshi	12,978	2,211	1,136	724	266	33	-	-	-
Pawe Special	2,168	1,353	902	1,028	366	94	19	-	-
Mao Komo	5,265	1,976	1,215	945	141	-	-	-	-
SNNP	554,255	852,789	827,986	592,165	74,370	12,549	2,998	1,558	232
Gurage	28,390	61,598	108,154	94,659	5,831	275	-	-	-
Hadiya	29,358	76,692	75,081	43,781	3,856	623	-	209	-
Kembata Tembaro	19,305	42,043	45,701	16,596	324	105	-	105	-
Sidama	112,872	222,982	145,023	82,613	14,720	710	-	-	-
Gedio	112,635	38,281	9,537	4,425	635	-	-	-	-
Wolayita	27,217	104,447	104,213	37,790	2,457	-	-	-	-
South Omo	36,024	21,629	16,744	17,633	8,963	7,273	2,485	744	-
Shaka	16,262	10,989	8,062	4,062	916	106	-	-	-
Kaffa	25,742	43,972	49,743	61,012	9,826	917	464	464	232
Gamo Gofa	52,742	88,205	94,097	78,857	8,458	499	-	-	-
Bench Maji	24,201	33,137	35,154	33,309	3,213	292	-	-	-
Yem Sp. Wereda	2,975	3,342	5,662	4,806	410	81	49	24	-
Amaro Sp. Wereda	4,214	6,606	8,487	8,259	1,637	125	-	-	-
Burji Sp. Wereda	1,660	2,076	2,047	2,948	926	142	-	12	-
Konso Sp. Wereda	13,521	11,916	7,615	8,146	2,729	663	-	-	-
Derashe Sp. Wereda	11,916	5,738	4,098	3,638	895	129	-	-	-
Dawro	9,165	18,462	27,431	28,404	3,139	-	-	-	-
Basketo Sp. Wereda	4,140	5,756	4,071	2,015	72	-	-	-	-
Konta Sp. Wereda	2,540	4,877	5,877	5,553	712	29	-	-	-
Silte	14,586	40,063	58,755	41,105	2,358	-	-	-	-
Alaba Sp. Wereda	4,792	9,977	12,436	12,553	2,294	579	-	-	-
Gambela Region	15,460	6,888	3,959	3,555	4,004	3,241	133	74	-
Angnuwak	6,287	1,960	1,579	1,074	269	347	-	-	-
Nuware	654	102	316	884	2,694	1,963	92	61	-
Mezhenger	7,428	4,627	1,741	761	-	-	-	-	-
Itang Special	1,090	199	323	836	1,041	932	41	14	-
Harari	3,325	7,472	5,372	1,686	88	-	-	-	-
Hundene	3,325	7,472	5,372	1,686	88	-	-	-	-
Dire Dawa	3,880	8,990	5,707	2,364	148	27	-	-	-

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	7,956,621	3,209,356	1,359,606	583,254	9,804	1,876	250	-
Tigray	635,509	77,894	70,028	47,180	381	183	-	-
North West Tigray	133,052	3,586	4,474	3,174	-	-	-	-
Central Tigray	202,023	22,609	18,194	9,253	-	-	-	-
Eastern Tigray	68,287	25,827	32,302	22,888	-	-	-	-
Southern Tigray	172,563	23,242	11,609	10,404	381	183	-	-
Western Tigray	59,586	2,629	3,449	1,460	-	-	-	-
Afar	17,321	6,069	5,053	12,003	723	155	-	-
Zone 1	7,606	3,027	3,012	7,839	323	75	-	-
Zone 3	9,714	3,042	2,041	4,164	400	81	-	-
Amhara	2,056,481	732,330	533,644	277,053	1,207	-	-	-
North Gonder	387,138	76,192	47,984	29,489	396	-	-	-
South Gonder	271,275	99,481	60,788	14,798	-	-	-	-
North Wolo	207,041	58,466	43,169	37,746	811	-	-	-
South Wolo	232,011	104,961	130,999	83,863	-	-	-	-
North Shewa	261,997	73,549	46,573	40,053	-	-	-	-
East Gojam	204,273	115,085	96,768	40,208	-	-	-	-
West Gojam	251,451	137,887	62,083	18,095	-	-	-	-
Waghamera	71,303	10,993	8,682	3,237	-	-	-	-
Awi	86,637	44,065	34,521	9,454	-	-	-	-
Oromia	76,868	11,325	2,053	110	-	-	-	-
Argoba Special	6,488	325	22	-	-	-	-	-
Oromia	3,294,755	1,368,901	524,873	176,476	1,469	342	-	-
West Wellega	183,543	61,848	19,679	1,767	-	-	-	-
East Wellega	153,409	52,831	19,204	2,270	-	-	-	-
Illubabor	142,594	96,629	26,850	2,953	-	-	-	-
Jimma	270,468	231,477	51,430	3,399	-	-	-	-
West Shewa	235,641	103,544	63,370	20,117	-	-	-	-
North Shewa	138,696	72,929	59,648	33,464	250	-	-	-
East Shewa	180,287	54,869	27,595	18,873	616	-	-	-
Arsi	272,132	129,337	96,975	40,943	327	342	-	-
West Harerghe	279,525	75,186	6,851	1,055	-	-	-	-
East Harerghe	433,820	109,026	13,282	4,479	-	-	-	-
Bale	219,072	31,425	16,028	5,498	-	-	-	-
Borena	118,415	40,368	12,072	4,410	-	-	-	-
South West Shewa	171,232	49,323	14,585	2,250	-	-	-	-
Guji	119,448	79,720	24,651	3,833	-	-	-	-
West Arsi	210,896	106,290	43,661	26,810	275	-	-	-
Kelem Wellega	103,527	41,369	15,464	1,603	-	-	-	-
Horoguduru Wellega	62,052	32,730	13,529	2,752	-	-	-	-

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	72,517	18,672	16,229	33,924	4,411	1,072	244	-
Shinele	8,271	2,824	2,518	5,291	1,158	124	-	-
Jijiga	39,919	9,425	7,115	19,149	2,995	901	244	-
Liben	24,325	6,423	6,597	9,484	258	47	-	-
Benshangul-Gumuz	114,575	18,248	4,891	678	-	-	-	-
Metekel	39,536	8,625	2,419	410	-	-	-	-
Asosa	48,714	5,085	634	149	-	-	-	-
Kemeshi	14,205	2,125	988	30	-	-	-	-
Pawe Special	5,320	418	163	29	-	-	-	-
Mao Komo	6,798	1,996	688	60	-	-	-	-
SNNP	1,710,218	973,739	199,795	33,467	1,560	123	-	-
Gurage	155,263	113,955	26,687	3,002	-	-	-	-
Hadiya	115,727	103,109	10,540	224	-	-	-	-
Kembata Tembaro	76,453	44,444	3,282	-	-	-	-	-
Sidama	419,473	137,934	19,913	1,600	-	-	-	-
Gedio	109,803	45,231	9,035	1,444	-	-	-	-
Wolayita	167,352	103,848	4,924	-	-	-	-	-
South Omo	63,148	25,563	12,394	8,943	1,324	123	-	-
Shaka	23,938	13,115	3,134	210	-	-	-	-
Kaffa	67,019	90,212	29,598	5,543	-	-	-	-
Gamo Gofa	232,302	60,535	23,470	6,551	-	-	-	-
Bench Maji	60,487	58,767	9,315	737	-	-	-	-
Yem Sp. Wereda	7,741	7,568	1,943	97	-	-	-	-
Amaro Sp. Wereda	19,890	5,877	2,700	861	-	-	-	-
Burji Sp. Wereda	8,362	1,088	311	50	-	-	-	-
Konso Sp. Wereda	14,596	20,123	7,577	2,221	73	-	-	-
Derashe Sp. Wereda	19,348	5,697	1,235	134	-	-	-	-
Dawro	45,896	36,243	4,377	85	-	-	-	-
Basketo Sp. Wereda	11,046	4,530	478	-	-	-	-	-
Konta Sp. Wereda	12,515	6,571	470	32	-	-	-	-
Silte	56,066	74,028	25,083	1,527	163	-	-	-
Alaba Sp. Wereda	23,793	15,303	3,330	205	-	-	-	-
Gambela Region	30,336	4,242	1,392	1,285	53	-	6	-
Angnuwak	10,966	417	69	64	-	-	-	-
Nuware	4,693	645	633	763	32	-	-	-
Mezhenger	11,334	2,807	369	47	-	-	-	-
Itang Special	3,343	373	321	412	21	-	6	-
Harari	15,610	2,155	178	-	-	-	-	-
Hundene	15,610	2,155	178	-	-	-	-	-
Dire Dawa	9,300	7,105	3,523	1,188	-	-	-	-

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	9,363,786	2,227,876	998,078	510,817	15,989	3,602	619	-
Tigray	487,493	109,184	125,550	107,149	1,524	275	-	-
North West Tigray	58,592	22,691	27,337	34,668	998	-	-	-
Central Tigray	110,388	41,438	56,299	43,404	275	275	-	-
Eastern Tigray	119,957	11,862	10,033	7,452	-	-	-	-
Southern Tigray	164,154	22,060	20,203	11,786	179	-	-	-
Western Tigray	34,404	11,132	11,678	9,839	71	-	-	-
Afar	10,736	6,030	5,148	17,484	1,743	183	-	-
Zone 1	3,811	2,901	3,044	11,345	722	59	-	-
Zone 3	6,925	3,130	2,104	6,138	1,021	124	-	-
Amhara	2,506,453	633,915	333,019	126,931	266	131	-	-
North Gonder	323,985	112,752	66,382	38,080	-	-	-	-
South Gonder	279,060	100,781	54,777	11,724	-	-	-	-
North Wolo	231,052	69,194	35,683	11,304	-	-	-	-
South Wolo	387,797	108,986	41,355	13,696	-	-	-	-
North Shewa	281,904	76,976	46,443	16,849	-	-	-	-
East Gojam	380,389	42,075	24,540	9,330	-	-	-	-
West Gojam	380,159	61,371	22,673	5,313	-	-	-	-
Waghamera	38,242	24,175	19,100	12,301	266	131	-	-
Awi	151,006	12,980	8,084	2,607	-	-	-	-
Oromia	49,655	23,010	12,608	5,083	-	-	-	-
Argoba Special	3,201	1,616	1,375	643	-	-	-	-
Oromia	3,838,432	966,554	392,265	166,642	2,923	-	-	-
West Wellega	238,409	21,257	4,966	2,205	-	-	-	-
East Wellega	183,501	32,777	9,804	1,632	-	-	-	-
Illubabor	216,279	39,693	10,703	2,351	-	-	-	-
Jimma	467,674	74,028	14,758	314	-	-	-	-
West Shewa	350,065	47,876	18,952	5,779	-	-	-	-
North Shewa	250,751	29,724	20,286	4,226	-	-	-	-
East Shewa	207,456	30,933	24,090	18,329	1,432	-	-	-
Arsi	413,355	74,740	36,929	14,554	478	-	-	-
West Harerghe	156,572	128,968	56,500	20,577	-	-	-	-
East Harerghe	244,095	242,475	49,338	24,268	431	-	-	-
Bale	143,557	54,663	51,289	22,514	-	-	-	-
Borena	88,764	36,379	27,319	22,221	582	-	-	-
South West Shewa	182,546	41,199	10,700	2,945	-	-	-	-
Guji	163,538	28,755	21,616	13,743	-	-	-	-
West Arsi	314,905	47,958	17,599	7,470	-	-	-	-
Kelem Wellega	131,349	18,530	9,889	2,195	-	-	-	-
Horoguduru Wellega	85,623	16,595	7,528	1,317	-	-	-	-

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	47,337	27,374	22,397	43,248	4,925	1,293	495	-
Shinele	2,903	3,215	2,912	7,748	2,162	906	340	-
Jijiga	30,044	16,593	11,810	19,714	1,422	125	40	-
Liben	14,390	7,566	7,675	15,785	1,340	262	116	-
Benshangul-Gumuz	81,552	27,286	19,267	10,123	164	-	-	-
Metekel	28,471	9,518	8,527	4,384	90	-	-	-
Asosa	33,186	10,363	6,875	4,083	75	-	-	-
Kemeshi	8,458	4,607	2,777	1,506	-	-	-	-
Pawe Special	5,302	421	157	50	-	-	-	-
Mao Komo	6,136	2,376	930	100	-	-	-	-
SNNP	2,353,292	437,899	89,802	31,768	4,310	1,708	123	-
Gurage	249,052	39,135	8,787	1,933	-	-	-	-
Hadiya	193,941	29,576	5,680	403	-	-	-	-
Kembata Tembaro	102,400	19,964	1,815	-	-	-	-	-
Sidama	516,814	57,576	4,121	409	-	-	-	-
Gedio	161,597	3,297	619	-	-	-	-	-
Wolayita	231,844	38,108	5,276	896	-	-	-	-
South Omo	72,498	14,384	8,214	11,054	3,585	1,637	123	-
Shaka	36,507	3,283	607	-	-	-	-	-
Kaffa	138,005	47,206	6,352	809	-	-	-	-
Gamo Gofa	252,498	53,660	13,947	2,753	-	-	-	-
Bench Maji	103,505	23,054	2,612	135	-	-	-	-
Yem Sp. Wereda	11,556	4,431	1,162	200	-	-	-	-
Amaro Sp. Wereda	15,109	8,170	4,125	1,924	-	-	-	-
Burji Sp. Wereda	4,517	2,474	1,938	882	-	-	-	-
Konso Sp. Wereda	13,574	15,110	8,339	6,771	725	71	-	-
Derashe Sp. Wereda	11,052	9,398	4,055	1,909	-	-	-	-
Dawro	68,282	15,667	2,569	83	-	-	-	-
Basketo Sp. Wereda	12,193	3,212	517	132	-	-	-	-
Konta Sp. Wereda	14,851	4,251	486	-	-	-	-	-
Silte	119,750	31,265	5,527	325	-	-	-	-
Alaba Sp. Wereda	23,748	14,677	3,054	1,152	-	-	-	-
Gambela Region	29,225	3,813	2,610	1,633	33	-	-	-
Angnuwak	8,834	1,647	778	257	-	-	-	-
Nuware	3,459	1,087	1,312	884	24	-	-	-
Mezhenger	14,082	426	49	-	-	-	-	-
Itang Special	2,851	652	472	492	9	-	-	-
Harari	6,332	8,724	2,686	201	-	-	-	-
Hundene	6,332	8,724	2,686	201	-	-	-	-
Dire Dawa	2,932	7,098	5,333	5,638	102	13	-	-

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	11,991,603	991,219	113,985	23,509	451	13,120,767	9,625,041	3,229,400	246,522	17,999
Tigray	825,373	4,131	1,184	325	162	831,175	514,151	290,343	25,097	1,584
North West Tigray	144,286	-	-	-	-	144,286	91,596	49,914	2,776	-
Central Tigray	252,079	-	-	-	-	252,079	164,899	76,935	9,809	436
Eastern Tigray	148,809	495	-	-	-	149,304	87,920	56,738	4,331	315
Southern Tigray	214,273	2,810	812	325	162	218,382	131,913	79,103	6,631	735
Western Tigray	65,926	826	372	-	-	67,124	37,824	27,653	1,549	98
Afar	41,289	35	-	-	-	41,324	30,069	7,321	2,053	845
Zone 1	21,847	35	-	-	-	21,882	15,800	4,660	1,155	227
Zone 3	19,442	-	-	-	-	19,442	14,269	2,661	898	618
Amhara	3,386,235	198,507	13,649	2,324	-	3,600,715	2,341,469	1,175,396	80,333	3,517
North Gondar	512,434	27,592	1,173	-	-	541,199	373,161	156,026	10,857	1,155
South Gondar	433,484	12,858	-	-	-	446,342	298,905	138,867	8,570	-
North Wolo	323,706	22,184	1,089	254	-	347,233	227,117	114,636	5,243	237
South Wolo	494,507	56,940	387	-	-	551,834	312,821	224,707	13,906	400
North Shewa	403,137	18,735	300	-	-	422,172	224,935	182,598	13,745	894
East Gojam	423,943	28,466	3,072	853	-	456,334	288,761	152,240	15,012	321
West Gojam	459,309	7,802	2,091	314	-	469,516	346,850	116,757	5,556	353
Waghamera	94,092	123	-	-	-	94,215	55,848	34,310	3,900	157
Awi	144,507	23,730	5,537	903	-	174,677	140,723	31,198	2,756	-
Oromia	90,280	76	-	-	-	90,356	66,946	22,645	765	-
Argoba Special	6,835	-	-	-	-	6,835	5,401	1,412	22	-
Oromia	4,722,148	536,629	88,171	19,580	288	5,366,816	3,867,531	1,367,783	120,193	10,600
West Wellega	265,767	1,070	-	-	-	266,837	204,664	53,954	7,782	205
East Wellega	226,105	1,609	-	-	-	227,714	177,268	47,345	2,686	415
Illubabor	242,107	24,025	2,664	230	-	269,026	255,892	12,006	905	223
Jimma	499,928	52,572	3,887	387	-	556,774	512,797	42,887	1,090	-
West Shewa	331,200	74,546	14,729	2,197	-	422,672	344,377	71,650	6,160	485
North Shewa	244,804	52,465	7,457	261	-	304,987	179,790	112,857	10,756	1,584
East Shewa	271,516	10,271	453	-	-	282,240	128,572	130,012	20,691	2,965
Arsi	395,803	122,806	18,941	2,506	-	540,056	333,330	188,707	16,424	1,117
West Harerghe	360,879	1,738	-	-	-	362,617	223,677	134,173	4,767	-
East Harerghe	558,942	1,665	-	-	-	560,607	387,593	167,896	5,118	-
Bale	250,205	19,264	2,133	421	-	272,023	140,415	120,024	11,376	208
Borena	173,569	1,696	-	-	-	175,265	138,000	33,233	3,830	202
South West Shewa	203,568	32,520	1,302	-	-	237,390	147,740	82,289	7,185	176
Guji	156,145	55,069	11,996	4,442	-	227,652	191,878	31,645	3,955	174
West Arsi	289,039	70,051	20,842	7,712	288	387,932	279,486	93,281	12,807	2,358
Kelem Wellega	154,775	5,567	1,122	499	-	161,963	140,565	20,855	543	-
Horoguduru Wellega	97,797	9,696	2,645	925	-	111,063	81,487	24,970	4,119	487

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	146,985	84	-	-	-	147,069	78,868	60,690	6,979	472
Shinele	20,186	-	-	-	-	20,186	10,738	7,327	1,955	166
Jijiga	79,748	-	-	-	-	79,748	43,337	33,426	2,863	122
Liben	47,050	84	-	-	-	47,134	24,792	19,937	2,161	184
Benshangul-Gumuz	138,182	210	-	-	-	138,392	100,325	35,090	2,977	-
Metekel	50,780	210	-	-	-	50,990	33,226	16,929	835	-
Asosa	54,582	-	-	-	-	54,582	40,391	12,448	1,743	-
Kemeshi	17,348	-	-	-	-	17,348	13,282	3,767	299	-
Pawe Special	5,930	-	-	-	-	5,930	5,651	267	12	-
Mao Komo	9,542	-	-	-	-	9,542	7,776	1,678	88	-
SNNP	2,655,306	251,334	10,981	1,281	-	2,918,902	2,632,889	276,971	8,094	948
Gurage	238,840	58,196	1,871	-	-	298,907	257,543	40,607	509	248
Hadiya	206,852	22,748	-	-	-	229,600	184,926	43,845	829	-
Kembata Tembaro	118,646	5,426	107	-	-	124,179	107,550	16,516	113	-
Sidama	541,359	35,174	2,032	355	-	578,920	530,465	45,887	2,568	-
Gedio	151,706	13,274	533	-	-	165,513	164,187	1,326	-	-
Wolayita	272,373	3,751	-	-	-	276,124	253,645	22,479	-	-
South Omo	99,618	11,088	355	434	-	111,495	106,391	3,917	1,064	123
Shaka	37,317	2,668	312	100	-	40,397	39,154	1,190	53	-
Kaffa	152,436	35,718	4,043	175	-	192,372	190,739	1,169	232	232
Gamo Gofa	306,499	15,827	532	-	-	322,858	306,827	15,786	245	-
Bench Maji	121,186	7,576	375	169	-	129,306	128,917	389	-	-
Yem Sp. Wereda	16,742	607	-	-	-	17,349	15,416	1,827	57	49
Amaro Sp. Wereda	27,211	1,920	148	49	-	29,328	28,272	1,056	-	-
Burji Sp. Wereda	9,811	-	-	-	-	9,811	6,661	2,930	208	12
Konso Sp. Wereda	44,590	-	-	-	-	44,590	40,879	3,265	288	158
Derashe Sp. Wereda	26,241	173	-	-	-	26,414	15,522	10,671	221	-
Dawro	81,511	4,717	373	-	-	86,601	84,195	2,406	-	-
Basketo Sp. Wereda	15,692	362	-	-	-	16,054	15,768	286	-	-
Konta Sp. Wereda	18,570	988	30	-	-	19,588	19,495	93	-	-
Silte	129,107	27,559	201	-	-	156,867	112,833	43,692	342	-
Alaba Sp. Wereda	39,001	3,561	69	-	-	42,631	23,507	17,633	1,364	127
Gambela Region	37,025	289	-	-	-	37,314	37,051	263	-	-
Angnuwak	11,516	-	-	-	-	11,516	11,286	230	-	-
Nuware	6,766	-	-	-	-	6,766	6,766	-	-	-
Mezhenger	14,268	289	-	-	-	14,557	14,532	25	-	-
Itang Special	4,476	-	-	-	-	4,476	4,468	8	-	-
Harari	17,943	-	-	-	-	17,943	11,121	6,617	183	22
Hundene	17,943	-	-	-	-	17,943	11,121	6,617	183	22
Dire Dawa	21,116	-	-	-	-	21,116	11,563	8,926	614	13

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

Geographic Area	Mules					Camels				
	Holdings with no Mules	1-2 Head	3-4 Head	5-9 Head	>=10 Head	Holdings with no Camels	1-2 Head	3-4 Head	5-9 Head	>=10 Head
Ethiopia	12,778,331	338,818	3,190	428	-	13,120,767	12,933,592	96,102	33,984	29,614
Tigray	826,183	4,634	358	-	-	831,175	812,533	15,994	1,028	1,113
North West Tigray	143,961	325	-	-	-	144,286	137,914	6,372	-	-
Central Tigray	251,692	387	-	-	-	252,079	248,209	3,375	495	-
Eastern Tigray	149,153	151	-	-	-	149,304	147,968	820	369	147
Southern Tigray	215,110	2,914	358	-	-	218,382	213,207	3,538	164	966
Western Tigray	66,267	857	-	-	-	67,124	65,236	1,888	-	-
Afar	41,188	136	-	-	-	41,324	26,311	6,007	2,196	2,696
Zone 1	21,882	-	-	-	-	21,882	11,148	5,030	1,706	2,161
Zone 3	19,306	136	-	-	-	19,442	15,163	977	490	535
Amhara	3,476,751	123,646	318	-	-	3,600,715	3,571,476	25,015	3,452	476
North Gonder	531,207	9,992	-	-	-	541,199	541,199	-	-	-
South Gonder	429,793	16,231	318	-	-	446,342	446,342	-	-	-
North Wolo	329,411	17,822	-	-	-	347,233	335,661	11,000	572	-
South Wolo	508,820	43,014	-	-	-	551,834	550,546	1,288	-	-
North Shewa	414,296	7,876	-	-	-	422,172	413,064	6,817	1,655	340
East Gojam	448,635	7,699	-	-	-	456,334	456,334	-	-	-
West Gojam	457,311	12,205	-	-	-	469,516	469,516	-	-	-
Waghamera	90,999	3,216	-	-	-	94,215	94,215	-	-	-
Awi	169,432	5,245	-	-	-	174,677	174,677	-	-	-
Oromia	90,023	333	-	-	-	90,356	83,780	5,372	1,091	113
Argoba Special	6,823	12	-	-	-	6,835	6,138	538	135	24
Oromia	5,203,122	161,180	2,141	373	-	5,366,816	5,292,253	30,155	18,155	15,051
West Wellega	261,367	5,470	-	-	-	266,837	266,837	-	-	-
East Wellega	224,973	2,741	-	-	-	227,714	227,714	-	-	-
Illubabor	260,279	8,747	-	-	-	269,026	269,026	-	-	-
Jimma	525,447	31,327	-	-	-	556,774	556,774	-	-	-
West Shewa	412,780	9,609	283	-	-	422,672	422,672	-	-	-
North Shewa	296,883	7,844	260	-	-	304,987	304,987	-	-	-
East Shewa	272,599	9,641	-	-	-	282,240	276,473	188	753	1,181
Arsi	517,533	21,672	478	373	-	540,056	537,334	1,914	404	-
West Harerghe	359,525	3,092	-	-	-	362,617	356,340	3,450	1,035	1,411
East Harerghe	560,607	-	-	-	-	560,607	542,324	3,811	6,159	4,614
Bale	254,676	17,347	-	-	-	272,023	257,306	10,077	2,874	1,766
Borena	170,382	4,692	191	-	-	175,265	157,983	7,468	3,951	3,902
South West Shewa	228,338	8,885	167	-	-	237,390	237,390	-	-	-
Guji	212,829	14,823	-	-	-	227,652	218,136	3,246	2,980	2,177
West Arsi	383,087	4,549	296	-	-	387,932	387,932	-	-	-
Kelem Wellega	153,931	7,658	374	-	-	161,963	161,963	-	-	-
Horoguduru Wellega	107,888	3,084	91	-	-	111,063	111,063	-	-	-

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	146,859	126	84	-	-	147,069	100,076	16,919	8,778	10,024
Shinele	20,186	-	-	-	-	20,186	13,797	2,878	1,692	1,052
Jijiga	79,748	-	-	-	-	79,748	59,852	11,189	3,228	3,617
Liben	46,924	126	84	-	-	47,134	26,425	2,853	3,858	5,355
Benshangul-Gumuz	137,710	682	-	-	-	138,392	138,392	-	-	-
Metekel	50,714	276	-	-	-	50,990	50,990	-	-	-
Asosa	54,345	237	-	-	-	54,582	54,582	-	-	-
Kemeshi	17,315	33	-	-	-	17,348	17,348	-	-	-
Pawe special	5,879	51	-	-	-	5,930	5,930	-	-	-
Mao Komo	9,458	84	-	-	-	9,542	9,542	-	-	-
SNNP	2,870,239	48,320	289	54	-	2,918,902	2,918,885	-	-	17
Gurage	296,282	2,625	-	-	-	298,907	298,907	-	-	-
Hadiya	223,133	6,467	-	-	-	229,600	229,600	-	-	-
Kembata Tembaro	122,329	1,850	-	-	-	124,179	124,179	-	-	-
Sidama	578,046	874	-	-	-	578,920	578,920	-	-	-
Gedio	160,871	4,642	-	-	-	165,513	165,513	-	-	-
Wolayita	274,332	1,792	-	-	-	276,124	276,124	-	-	-
South Omo	108,519	2,857	119	-	-	111,495	111,495	-	-	-
Shaka	39,906	437	-	54	-	40,397	40,397	-	-	-
Kaffa	183,943	8,259	170	-	-	192,372	192,372	-	-	-
Gamo Gofa	317,523	5,335	-	-	-	322,858	322,858	-	-	-
Bench Maji	127,463	1,843	-	-	-	129,306	129,306	-	-	-
Yem Sp. Wereda	17,212	137	-	-	-	17,349	17,349	-	-	-
Amaro Sp. Wereda	28,393	935	-	-	-	29,328	29,328	-	-	-
Burji Sp. Wereda	9,660	151	-	-	-	9,811	9,794	-	-	17
Konso Sp. Wereda	44,590	-	-	-	-	44,590	44,590	-	-	-
Derashe Sp. Wereda	26,166	248	-	-	-	26,414	26,414	-	-	-
Dawro	81,805	4,796	-	-	-	86,601	86,601	-	-	-
Basketo Sp. Wereda	15,622	432	-	-	-	16,054	16,054	-	-	-
Konta Sp. Wereda	19,137	451	-	-	-	19,588	19,588	-	-	-
Silte	153,197	3,670	-	-	-	156,867	156,867	-	-	-
Alaba Sp. Wereda	42,115	516	-	-	-	42,631	42,631	-	-	-
Gambela Region	37,219	95	-	-	-	37,314	37,314	-	-	-
Angnuwak	11,516	-	-	-	-	11,516	11,516	-	-	-
Nuware	6,766	-	-	-	-	6,766	6,766	-	-	-
Mezhenger	14,462	95	-	-	-	14,557	14,557	-	-	-
Itang Special	4,476	-	-	-	-	4,476	4,476	-	-	-
Harari	17,943	-	-	-	-	17,943	17,708	68	72	71
Hundene	17,943	-	-	-	-	17,943	17,708	68	72	71
Dire Dawa	21,116	-	-	-	-	21,116	18,645	1,944	302	165

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	5,855,108	6,059,098	1,205,499	1,062		
Tigray	210,586	459,732	160,786	71		
North West Tigray	27,731	63,439	53,116	-		
Central Tigray	53,082	152,159	46,838	-		
Eastern Tigray	33,233	102,067	14,004	-		
Southern Tigray	78,553	116,067	23,762	-		
Western Tigray	17,987	26,000	23,066	71		
Afar	32,400	7,221	1,703	-		
Zone 1	21,702	180	-	-		
Zone 3	10,698	7,041	1,703	-		
Amhara	1,135,039	2,111,739	353,754	183		
North Gonder	106,887	323,799	110,513	-		
South Gonder	127,621	277,949	40,772	-		
North Wolo	78,808	246,617	21,808	-		
South Wolo	128,850	396,961	26,023	-		
North Shewa	138,036	262,560	21,576	-		
East Gojam	281,959	154,050	20,325	-		
West Gojam	158,875	247,774	62,867	-		
Waghamera	25,475	54,921	13,819	-		
Awi	55,574	93,209	25,711	183		
Oromia	31,687	49,587	9,082	-		
Argoba Special	1,263	4,313	1,259	-		
Oromia	2,803,130	2,123,145	439,916	625		
West Wellega	126,103	106,039	34,695	-		
East Wellega	106,180	93,936	27,598	-		
Illubabor	115,141	124,476	29,409	-		
Jimma	299,257	219,413	38,104	-		
West Shewa	221,737	173,714	27,221	-		
North Shewa	167,976	124,973	12,038	-		
East Shewa	150,293	106,254	25,275	418		
Arsi	275,103	218,897	46,056	-		
West Harerghe	172,207	149,912	40,498	-		
East Harerghe	290,765	245,329	24,513	-		
Bale	169,368	83,967	18,688	-		
Borena	103,398	54,540	17,327	-		
South West Shewa	115,529	107,747	14,114	-		
Guji	116,783	82,651	28,011	207		
West Arsi	258,092	112,463	17,377	-		
Kelem Wellega	61,423	71,952	28,588	-		
Horoguduru Wellega	53,780	46,881	10,402	-		

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	125,531	18,166	3,372	-	-	-
Shinele	19,714	447	25	-	-	-
Jijiga	75,194	4,144	410	-	-	-
Liben	30,622	13,576	2,936	-	-	-
Benshangul-Gumuz	49,116	59,551	29,692	33	-	-
Metekel	10,414	26,292	14,284	-	-	-
Asosa	26,723	19,455	8,404	-	-	-
Kemeshi	5,222	7,730	4,363	33	-	-
Pawe Special	2,193	2,632	1,105	-	-	-
Mao Komo	4,564	3,441	1,537	-	-	-
SNNP	1,460,672	1,249,950	208,218	62	-	-
Gurage	138,584	153,350	6,973	-	-	-
Hadiya	100,301	109,271	20,028	-	-	-
Kembata Tembaro	59,515	57,855	6,809	-	-	-
Sidama	344,914	211,294	22,712	-	-	-
Gedio	104,421	58,031	3,061	-	-	-
Wolayita	144,348	117,065	14,711	-	-	-
South Omo	48,945	42,624	19,926	-	-	-
Shaka	16,524	19,872	4,001	-	-	-
Kaffa	68,450	100,364	23,558	-	-	-
Gamo Gofa	187,776	109,162	25,920	-	-	-
Bench Maji	41,081	68,706	19,519	-	-	-
Yem Sp. Wereda	9,933	6,767	649	-	-	-
Amaro Sp. Wereda	19,432	7,659	2,237	-	-	-
Burji Sp. Wereda	5,171	3,442	1,181	17	-	-
Konso Sp. Wereda	17,725	21,458	5,407	-	-	-
Derashe Sp. Wereda	9,566	12,458	4,345	45	-	-
Dawro	51,281	31,535	3,785	-	-	-
Basketo Sp. Wereda	6,963	7,403	1,688	-	-	-
Konta Sp. Wereda	8,537	8,081	2,970	-	-	-
Silte	59,782	82,998	14,087	-	-	-
Alaba Sp. Wereda	17,425	20,554	4,652	-	-	-
Gambela Region	20,016	10,776	6,435	87	-	-
Angnuwak	4,560	3,342	3,590	24	-	-
Nuware	5,617	610	539	-	-	-
Mezhenger	7,230	5,868	1,432	27	-	-
Itang Special	2,609	957	874	36	-	-
Harari	10,629	6,595	719	-	-	-
Hundene	10,629	6,595	719	-	-	-
Dire Dawa	7,990	12,222	904	-	-	-

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	61.92	27.01	0.15	6.55	0.78	3.59
Tigray	100	41.38	36.86	0.27	15.47	1.84	4.18
North West Tigray	100	47.01	28.6	0.41	17.38	4.03	2.57
Central Tigray	100	33.1	43.52	0.08	18.58	1.31	3.41
Eastern Tigray	100	35.99	43.59	0.14	13.16	0.72	6.39
Southern Tigray	100	42.9	36.58	0.45	13.72	1.24	5.1
Western Tigray	100	65.74	17.39	0.35	10.37	3.16	2.98
Afar	100	82.06	5.43	0.03	8.1	1.05	3.33
Zone 1	100	91.34	7.38	-	0.58	0.59	0.11
Zone 3	100	71.44	3.19	0.06	16.71	1.57	7.03
Amhara	100	47.52	34.94	0.23	14	0.49	2.82
North Gonder	100	51.03	30.09	0.2	16.51	0.67	1.49
South Gonder	100	39.69	41.79	0.27	14.83	0.43	2.98
North Wolo	100	37.92	43.12	0.64	15.61	0.23	2.49
South Wolo	100	39.1	36.73	0.35	22.83	0.16	0.83
North Shewa	100	41.77	40.72	0.05	14.74	1.44	1.27
East Gojam	100	53.96	34.69	0.11	5.17	0.19	5.89
West Gojam	100	56.84	28.96	0.05	8.99	0.6	4.56
Waghamera	100	50.79	35.88	0.2	12.38	0.04	0.7
Awi	100	68.16	19.19	0.19	6.74	0.15	5.57
Oromia	100	56.08	24.07	0.16	16.12	0.53	3.03
Argoba Special	100	53.09	27.42	0.05	17.54	-	1.9
Oromia	100	68.98	23.29	0.06	2.86	0.89	3.92
West Wellega	100	87.64	9.41	0.03	0.12	1.16	1.64
East Wellega	100	83.06	11.35	0.09	0.83	1.33	3.33
Illubabor	100	88.99	5.34	-	0.27	0.04	5.37
Jimma	100	88.43	8.63	0.01	0.33	0.24	2.36
West Shewa	100	76.79	17.75	0.04	1.95	0.16	3.31
North Shewa	100	53.86	23.64	0.19	19.22	0.79	2.3
East Shewa	100	50.1	41.69	0.17	2.71	3.46	1.87
Arsi	100	67.98	26.89	0.04	1.6	1.24	2.25
West Harerghe	100	41.37	41.52	0.12	4.46	0.29	12.24
East Harerghe	100	38.35	47.56	0.02	3.92	0.98	9.17
Bale	100	83.2	14	-	0.24	1.05	1.5
Borena	100	85.61	11.39	-	1.29	0.05	1.67
South West Shewa	100	61.51	30.49	0.08	4.11	0.9	2.91
Guji	100	78.01	17.29	0.13	1.93	0.16	2.48
West Arsi	100	72.38	23.5	0.04	1.28	1.42	1.38
Kelem Wellega	100	86.92	8.81	0.05	0.12	1.7	2.41
Horoguduru Wellega	100	81.41	12.91	0.16	1.23	0.72	3.58

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	80	18.25	*	1.2	0.15	0.4
Shinele	100	89.67	9.63	0.02	0.32	0.23	0.13
Jijiga	100	71.42	26.64	-	1.68	0.13	0.13
Liben	100	91.51	6.62	-	0.7	0.15	1.01
Benshangul-Gumuz	100	86.89	9.52	0.19	1.4	0.49	1.52
Metekel	100	85.43	11.51	0.03	1.69	0.07	1.26
Asosa	100	86.92	9.47	0.39	1.46	0.46	1.3
Kemeshi	100	92.35	5.01	0.13	0.06	1.15	1.3
Pawe Special	100	78.75	10.29	0.21	3.33	1.11	6.31
Mao Komo	100	91.36	4.57	0.12	0.4	1.77	1.78
SNNP	100	70.18	22.77	0.17	2.16	0.63	4.08
Gurage	100	64.24	23.2	0.09	6.28	1.97	4.21
Hadiya	100	61.91	24.47	0.02	2.1	0.34	11.17
Kembata Tembaro	100	51.69	31.06	0.8	1.66	1.82	12.97
Sidama	100	62.05	32.11	0.49	1.56	0.77	3.01
Gedio	100	76.75	19.82	0.03	0.85	0.07	2.46
Wolayita	100	71.2	23.42	0.05	3.1	0.33	1.89
South Omo	100	80.47	16	-	-	-	3.53
Shaka	100	92.56	1.23	-	0.02	0.27	5.93
Kaffa	100	95.36	3.31	-	0.04	0.59	0.7
Gamo Gofa	100	76.55	19.56	0.06	1.07	0.12	2.64
Bench Maji	100	86.9	9.39	0.05	-	0.97	2.69
Yem Sp. Wereda	100	72.9	19	-	4.17	0.05	3.89
Amaro Sp. Wereda	100	77.8	21.31	-	-	-	0.89
Burji Sp. Wereda	100	77.61	18.78	0.04	0.06	0.12	3.38
Konso Sp. Wereda	100	46.99	41.86	0.09	3.52	0.84	6.71
Derashe Sp. Wereda	100	69.22	24.02	0.06	1.21	0.08	5.41
Dawro	100	82.97	12.5	-	0.99	0.06	3.49
Basketo Sp. Wereda	100	75.65	22.59	-	0.01	0.18	1.57
Konta Sp. Wereda	100	81.3	16.08	0.04	0.85	-	1.73
Silte	100	59.14	31.12	0.25	4.82	0.11	4.57
Alaba Sp. Wereda	100	60.75	33.13	0.06	4.24	0.17	1.66
Gambela Region	100	92.91	5.45	-	0.18	0.83	0.63
Angnuwak	100	90.7	8.47	-	-	0.74	0.08
Nuware	100	99.55	0.04	-	0.23	-	0.18
Mezhenger	100	88.24	8.43	-	0.38	1.83	1.13
Itang Special	100	98.21	0.36	-	-	-	1.43
Harari	100	30.47	54.44	2.31	2.16	8.73	1.89
Hundene	100	30.47	54.44	2.31	2.16	8.73	1.89
Dire Dawa	100	61.4	30.06	-	0.3	3.56	4.68

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	11,593,836	9,636,670	93,449	3,540,815	730,191	3,042,341
Tigray	723,880	676,138	9,112	547,588	110,993	161,337
North West Tigray	130,890	122,532	2,667	108,854	43,111	15,118
Central Tigray	220,119	208,641	458	185,004	24,172	57,439
Eastern Tigray	126,387	121,338	464	81,804	5,037	37,541
Southern Tigray	185,940	172,176	4,485	136,368	19,007	43,609
Western Tigray	60,544	51,451	1,037	35,558	19,666	7,630
Afar	37,963	10,004	43	5,234	1,826	2,999
Zone 1	21,451	7,643	-	494	1,092	313
Zone 3	16,512	2,361	43	4,741	734	2,686
Amhara	3,221,782	3,021,359	38,191	1,957,192	131,663	765,177
North Gonder	488,119	428,746	3,367	344,041	28,031	61,566
South Gonder	393,614	390,451	6,711	258,739	19,946	92,611
North Wolo	295,681	288,256	11,239	182,572	8,016	27,974
South Wolo	517,370	499,715	8,457	434,419	5,296	19,713
North Shewa	355,881	342,838	2,068	235,494	37,561	68,597
East Gojam	420,552	394,488	2,764	125,203	4,515	206,950
West Gojam	426,639	396,352	1,286	205,363	23,421	195,027
Waghamera	84,605	78,115	511	48,408	356	3,104
Awı	154,416	128,498	1,340	65,004	1,430	73,021
Oromia	79,205	68,788	436	53,865	3,092	16,354
Argoba Special	5,701	5,113	12	4,083	-	259
Oromia	4,687,992	3,620,990	15,685	720,731	329,437	1,321,269
West Wellega	204,209	103,663	436	1,574	13,258	31,239
East Wellega	196,289	121,167	1,023	13,414	20,720	55,575
Illubabor	229,618	67,448	-	6,048	736	105,174
Jimma	516,643	284,064	735	14,619	13,215	123,500
West Shewa	371,088	298,317	1,290	48,862	7,745	158,667
North Shewa	283,711	253,133	3,244	235,676	25,264	74,235
East Shewa	226,929	213,648	1,500	38,790	58,237	33,111
Arsi	498,536	451,598	1,463	63,495	49,937	101,111
West Harerghe	299,351	325,777	569	84,825	6,462	186,995
East Harerghe	460,326	527,487	426	98,346	32,140	199,858
Bale	250,432	157,900	-	5,476	24,977	44,171
Borena	159,714	77,358	-	7,159	455	30,895
South West Shewa	210,257	194,055	1,416	52,404	15,255	49,023
Guji	203,644	140,445	666	12,492	2,252	34,931
West Arsi	346,513	276,540	1,176	26,623	32,291	33,600
Kelem Wellega	127,085	60,333	661	1,421	19,041	29,504
Horoguduru Wellega	103,646	68,060	1,081	9,508	7,451	29,680

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	138,944	87,087	25	6,340	760	4,178
Shinele	18,697	6,841	25	362	325	454
Jijiga	77,946	68,896	-	4,980	200	900
Liben	42,301	11,349	-	999	235	2,824
Benshangul-Gumuz	115,860	53,535	779	12,126	3,815	14,641
Metekel	47,758	23,868	140	4,249	351	7,778
Asosa	42,987	22,948	494	6,886	1,693	3,611
Kemeshi	13,225	2,862	26	62	595	1,123
Pawe Special	4,415	2,297	58	782	316	1,032
Mao Komo	7,475	1,560	61	147	861	1,098
SNNP	2,607,784	2,123,572	28,047	289,572	139,105	760,679
Gurage	279,735	253,551	3,587	100,308	43,993	74,480
Hadiya	215,858	200,315	186	23,551	4,419	134,361
Kembata Tembaro	114,562	111,129	6,762	13,252	13,990	86,674
Sidama	502,983	459,157	11,644	33,043	33,342	100,956
Gedio	102,100	67,066	380	3,545	180	16,132
Wolayita	262,193	235,617	886	36,329	8,773	67,091
South Omo	91,842	58,707	-	-	-	18,888
Shaka	31,743	2,890	-	58	755	12,846
Kaffa	182,804	65,365	-	1,331	14,990	39,168
Gamo Gofa	293,914	229,578	796	16,806	2,309	43,915
Bench Maji	117,633	69,362	444	-	12,185	40,986
Yem Sp. Wereda	15,844	14,466	-	4,249	24	7,217
Amaro Sp. Wereda	27,335	24,352	-	-	-	1,515
Burji Sp. Wereda	8,926	7,922	17	37	64	2,744
Konso Sp. Wereda	34,501	38,174	146	7,083	1,383	13,297
Derashe Sp. Wereda	21,335	19,148	182	1,030	44	10,145
Dawro	83,432	61,637	-	4,921	357	40,603
Basketo Sp. Wereda	14,355	13,169	-	20	243	1,654
Konta Sp. Wereda	18,182	13,895	32	856	-	5,126
Silte	148,599	139,859	2,857	32,649	1,468	36,956
Alaba Sp. Wereda	39,909	38,212	128	10,503	585	5,926
Gambela Region	27,268	8,242	-	226	1,743	1,696
Angnuwak	8,363	3,319	-	-	559	194
Nuware	6,210	14	-	37	-	37
Mezhenger	8,953	4,883	-	189	1,184	1,057
Itang Special	3,743	25	-	-	-	408
Harari	11,911	16,399	1,568	1,449	5,795	2,657
Hundene	11,911	16,399	1,568	1,449	5,795	2,657
Dire Dawa	20,453	19,344	-	358	5,055	7,708

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	4,260,414	234,024	3,962,829	3,086,704	214,325
Tigray	112,097	3,906	465,098	141,625	1,154
North West Tigray	5,820	288	104,153	20,480	150
Central Tigray	41,508	398	115,363	62,647	203
Eastern Tigray	52,734	1,796	41,686	29,664	508
Southern Tigray	10,601	1,259	154,150	19,722	207
Western Tigray	1,435	165	49,746	9,112	87
Afar	2,249	208	34,565	639	302
Zone 1	1,496	-	19,363	593	-
Zone 3	754	208	15,202	46	302
Amhara	740,580	57,085	1,474,392	999,120	40,762
North Gonder	41,055	5,703	203,553	220,895	13,926
South Gonder	43,582	2,031	219,949	137,829	4,508
North Wolo	158,406	7,554	71,414	66,662	2,020
South Wolo	231,205	18,233	169,562	115,109	-
North Shewa	163,601	16,514	64,384	109,738	14,903
East Gojam	18,145	959	347,216	53,001	1,247
West Gojam	31,391	2,664	210,399	199,206	1,628
Waghamera	3,346	365	67,410	13,484	-
Awı	18,840	1,158	98,658	49,191	1,932
Oromia	27,683	1,625	20,752	33,001	574
Argoba Special	3,327	278	1,095	1,004	23
Oromia	1,819,061	142,240	1,418,292	1,174,252	134,147
West Wellega	32,928	-	87,633	81,702	1,946
East Wellega	69,552	3,824	64,421	56,201	2,290
Illubabor	71,887	1,360	109,344	37,146	9,881
Jimma	195,939	1,962	155,796	148,231	14,716
West Shewa	192,846	32,760	27,444	89,151	28,887
North Shewa	139,046	35,011	30,385	54,742	24,527
East Shewa	90,952	10,763	79,755	41,608	3,852
Arsi	279,428	26,903	51,187	121,472	19,547
West Harerghe	112,819	536	120,063	64,562	1,372
East Harerghe	159,568	3,686	208,588	84,665	3,820
Bale	29,007	1,410	114,093	105,521	401
Borena	47,703	349	89,925	20,970	768
South West Shewa	110,563	12,081	30,361	48,064	9,188
Guji	68,839	1,121	90,203	41,998	1,484
West Arsi	181,788	9,331	40,602	105,219	9,573
Kelem Wellega	13,048	138	79,888	33,473	538
Horoguduru Wellega	23,148	1,005	38,609	39,525	1,359

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	23,495	286	90,872	21,999	2,292
Shinele	866	-	17,731	101	-
Jijiga	20,667	170	39,525	17,583	-
Liben	1,962	116	33,616	4,315	2,292
Benshangul-Gumuz	3,094	457	103,967	8,212	130
Metekel	637	291	42,323	4,441	67
Asosa	541	77	41,082	1,287	-
Kemeshi	1,279	89	10,930	865	63
Pawe Special	44	-	4,078	293	-
Mao Komo	594	-	5,555	1,326	-
SNNP	1,542,497	29,744	342,087	734,061	33,697
Gurage	126,985	4,685	18,773	128,588	705
Hadiya	120,589	1,530	7,270	82,010	4,459
Kembata Tembaro	53,196	-	1,472	55,471	4,423
Sidama	376,404	4,035	40,182	81,089	1,273
Gedio	75,419	2,514	6,414	15,704	2,051
Wolayita	149,254	5,994	14,401	89,009	3,535
South Omo	46,300	1,590	29,552	12,352	2,048
Shaka	19,603	104	6,122	5,537	377
Kaffa	135,309	2,229	20,496	20,452	4,318
Gamo Gofa	76,246	3,334	96,068	115,984	2,282
Bench Maji	76,158	270	17,427	23,410	368
Yem Sp. Wereda	8,014	230	555	6,442	603
Amaro Sp. Wereda	8,081	-	11,203	8,052	-
Burji Sp. Wereda	1,008	29	6,108	1,747	35
Konso Sp. Wereda	16,622	622	13,723	2,527	1,005
Derashe Sp. Wereda	5,494	48	12,170	3,623	-
Dawro	55,885	1,485	5,637	18,999	1,426
Basketo Sp. Wereda	5,626	-	7,300	1,269	159
Konta Sp. Wereda	10,736	-	2,827	4,527	91
Silte	144,733	724	22,984	50,125	4,335
Alaba Sp. Wereda	30,837	321	1,404	7,144	204
Gambela Region	9,994	35	13,551	2,114	1,573
Angnuwak	3,818	-	3,154	1,391	-
Nuware	41	-	6,168	-	-
Mezhenger	5,264	27	2,068	27	1,566
Itang Special	871	8	2,160	696	7
Harari	5,812	27	4,302	1,535	234
Hundene	5,812	27	4,302	1,535	234
Dire Dawa	1,533	35	15,703	3,147	35

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	8,799,001	170,262	107,415	601,699	115,406
Tigray	552,491	16,746	4,160	99,652	3,089
North West Tigray	106,168	3,119	1,687	11,404	153
Central Tigray	164,210	2,670	1,227	40,340	194
Eastern Tigray	90,397	3,360	639	26,603	339
Southern Tigray	147,781	4,275	179	18,071	1,870
Western Tigray	43,935	3,322	428	3,235	532
Afar	6,583	62	281	2,909	169
Zone 1	4,582	19	153	2,827	61
Zone 3	2,001	43	128	82	108
Amhara	2,778,645	45,413	14,422	234,903	35,159
North Gonder	395,689	2,892	1,110	23,310	5,332
South Gonder	363,226	4,742	1,755	31,466	3,727
North Wolo	263,208	5,521	558	27,196	1,969
South Wolo	443,670	6,267	830	65,323	-
North Shewa	299,595	7,499	1,929	38,621	8,155
East Gojam	366,268	3,628	4,227	17,727	2,655
West Gojam	389,229	7,157	2,024	8,489	6,184
Waghamera	65,522	694	242	10,121	1,537
Awi	126,208	5,610	998	4,244	4,068
Oromia	61,713	1,268	717	7,764	1,521
Argoba Special	4,318	133	33	643	11
Oromia	3,298,534	61,256	50,390	152,493	58,316
West Wellega	78,342	1,034	8,157	16,130	-
East Wellega	93,861	4,134	5,106	17,028	1,038
Illubabor	63,165	903	1,548	1,359	472
Jimma	264,622	3,621	5,236	4,839	5,745
West Shewa	276,579	7,869	2,377	5,447	6,046
North Shewa	195,315	13,956	7,303	26,376	10,183
East Shewa	188,444	3,586	4,870	13,239	3,508
Arsi	412,594	10,027	1,448	14,980	12,548
West Harerghe	315,844	536	1,442	5,678	2,276
East Harerghe	507,853	2,288	2,662	11,254	3,429
Bale	148,855	403	1,457	6,165	1,020
Borena	74,290	1,569	615	337	547
South West Shewa	177,837	1,848	2,413	6,566	5,391
Guji	133,360	1,398	631	4,851	204
West Arsi	252,004	4,841	2,035	12,351	5,308
Kelem Wellega	54,378	1,547	967	2,841	600
Horoguduru Wellega	61,191	1,694	2,124	3,051	-

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	75,419	3,866	2,278	4,574	950
Shinele	6,068	-	744	-	29
Jijiga	63,914	573	1,474	2,655	281
Liben	-	-	-	-	-
Benshangul-Gumuz	51,859	273	567	766	70
Metekel	23,111	81	127	478	70
Asosa	22,428	146	302	72	-
Kemeshi	2,640	-	102	120	-
Pawe Special	2,134	32	36	96	-
Mao Komo	1,546	14	-	-	-
SNNP	1,995,987	41,125	33,775	105,349	17,267
Gurage	245,776	5,913	233	1,187	442
Hadiya	185,667	1,364	619	8,772	3,893
Kembata Tembaro	101,478	340	423	5,988	2,900
Sidama	416,381	6,540	6,058	29,284	894
Gedio	57,946	1,777	3,757	3,586	-
Wolayita	187,623	13,793	4,251	27,798	2,153
South Omo	52,631	1,517	2,121	2,085	353
Shaka	2,150	-	106	635	-
Kaffa	60,055	494	1,699	2,265	853
Gamo Gofa	214,760	3,973	5,654	4,359	833
Bench Maji	59,336	133	1,776	8,117	-
Yem Sp. Wereda	13,097	108	134	1,025	102
Amaro Sp. Wereda	23,740	45	376	190	-
Burji Sp. Wereda	7,836	17	17	-	52
Konso Sp. Wereda	32,423	338	2,047	2,945	421
Derashe Sp. Wereda	17,232	-	183	438	1,295
Dawro	52,465	3,501	617	4,799	255
Basketo Sp. Wereda	12,615	86	38	393	38
Konta Sp. Wereda	12,889	263	160	549	34
Silte	202,028	923	3,440	717	2,682
Alaba Sp. Wereda	37,861	-	65	218	68
Gambela Region	5,844	459	1,390	505	45
Angnuwak	1,339	244	1,262	475	-
Nuware	7	-	-	7	-
Mezhenger	4,486	215	116	22	45
Itang Special	12	-	12	-	-
Harari	14,890	929	52	439	87
Hundene	14,890	929	52	439	87
Dire Dawa	18,749	133	100	109	254

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	72,192	16,765	2,029	3,829	1,659
Tigray	6,296	1,149	629	1,038	-
North West Tigray	995	293	629	751	-
Central Tigray	264	-	-	195	-
Eastern Tigray	307	157	-	-	-
Southern Tigray	4,117	368	-	-	-
Western Tigray	614	331	-	92	-
Afar	-	43	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	43	-	-	-
Amhara	30,673	7,756	-	1,358	-
North Gonder	3,367	-	-	-	-
South Gonder	3,414	3,644	-	-	-
North Wolo	9,310	1,729	-	817	-
South Wolo	7,864	405	-	427	-
North Shewa	1,552	635	-	-	-
East Gojam	2,764	-	-	-	-
West Gojam	639	686	-	-	-
Waghamera	355	157	-	-	-
Awi	1,170	387	-	-	-
Oromia	228	114	-	114	-
Argoba Special	12	-	-	-	-
Oromia	10,770	3,628	408	878	-
West Wellega	-	436	-	-	-
East Wellega	620	194	-	209	-
Illubabor	-	-	-	-	-
Jimma	735	-	-	-	-
West Shewa	624	666	-	-	-
North Shewa	2,158	541	-	545	-
East Shewa	1,037	262	201	-	-
Arsi	646	817	-	-	-
West Harerghe	569	-	-	-	-
East Harerghe	426	-	-	-	-
Bale	-	-	-	-	-
Borena	-	-	-	-	-
South West Shewa	1,240	177	-	-	-
Guji	666	-	-	-	-
West Arsi	1,176	-	-	-	-
Kelem Wellega	-	536	-	125	-
Horoguduru Wellega	874	-	207	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	25	-	-	-	-
Shinele	25	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	-	-	-	-
Benshangul-Gumuz	753	-	26	-	-
Metekel	140	-	-	-	-
Asosa	494	-	-	-	-
Kemeshi	-	-	26	-	-
Pawe Special	58	-	-	-	-
Mao Komo	61	-	-	-	-
SNNP	22,558	4,169	967	231	1,551
Gurage	3,343	244	-	-	-
Hadiya	186	-	-	-	-
Kembata Tembaro	6,523	109	-	-	130
Sidama	8,214	2,009	-	-	1,421
Gedio	213	168	-	-	-
Wolayita	-	443	442	-	-
South Omo	-	-	-	-	-
Shaka	-	-	-	-	-
Kaffa	-	-	-	-	-
Gamo Gofa	539	-	257	-	-
Bench Maji	444	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	17	-	-	-	-
Konso Sp. Wereda	146	-	-	-	-
Derashe Sp. Wereda	182	-	-	-	-
Dawro	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	32	-	-	-	-
Silte	2,591	1,196	268	231	-
Alaba Sp. Wereda	128	-	-	-	-
Gambela Region	-	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	1,115	21	-	324	108
Hundene	1,115	21	-	324	108
Dire Dawa	-	-	-	-	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	2,428,312	514,993	95,527	520,229	53,208
Tigray	415,109	34,533	5,962	90,183	1,801
North West Tigray	80,143	8,065	1,082	19,385	178
Central Tigray	137,929	13,348	659	32,862	206
Eastern Tigray	59,695	5,864	605	15,125	515
Southern Tigray	115,428	3,626	1,771	14,901	642
Western Tigray	21,913	3,629	1,845	7,910	261
Afar	304	489	43	59	4,340
Zone 1	304	190	-	-	-
Zone 3	-	300	43	59	4,340
Amhara	1,288,534	295,018	74,694	324,766	29,307
North Gonder	217,670	55,220	4,466	55,091	8,916
South Gonder	151,773	61,386	2,048	52,725	1,666
North Wolo	135,372	12,042	5,372	33,858	1,947
South Wolo	269,275	54,067	33,040	91,723	814
North Shewa	166,793	28,573	614	39,489	9,667
East Gojam	82,619	8,072	21,375	12,873	300
West Gojam	138,460	52,854	4,191	15,048	2,639
Waghamera	36,724	918	644	9,110	1,012
Awi	49,841	14,877	203	4,050	1,735
Oromia	37,723	6,338	2,621	9,773	600
Argoba Special	2,284	669	118	1,026	11
Oromia	486,521	131,596	8,425	78,258	15,931
West Wellega	1,136	219	219	-	-
East Wellega	7,084	592	-	5,738	-
Illubabor	454	-	-	5,594	-
Jimma	10,798	345	-	1,161	2,314
West Shewa	33,431	10,693	-	3,477	1,261
North Shewa	129,994	56,261	1,862	40,418	7,141
East Shewa	31,092	3,226	951	3,085	437
Arsi	52,838	7,378	368	1,110	1,802
West Harerghe	60,208	13,517	1,974	8,817	309
East Harerghe	69,993	18,396	2,489	7,469	-
Bale	4,799	460	-	217	-
Borena	7,159	-	-	-	-
South West Shewa	39,103	10,705	563	745	1,288
Guji	11,272	1,000	-	220	-
West Arsi	18,921	6,324	-	-	1,378
Kelem Wellega	1,421	-	-	-	-
Horoguduru Wellega	6,818	2,482	-	207	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	5,286	151	394	510	-
Shinele	94	151	117	-	-
Jijiga	4,271	-	198	510	-
Liben	921	-	78	-	-
Benshangul-Gumuz	10,792	271	295	768	-
Metekel	4,103	-	73	73	-
Asosa	6,214	214	148	310	-
Kemeshi	32	-	30	-	-
Pawe Special	296	56	44	386	-
Mao Komo	147	-	-	-	-
SNNP	219,864	52,890	5,685	25,629	1,829
Gurage	67,423	19,069	233	13,319	263
Hadiya	15,826	6,699	206	614	206
Kembata Tembaro	8,243	3,975	-	1,035	-
Sidama	24,441	8,602	-	-	-
Gedio	2,613	436	218	278	-
Wolayita	22,914	4,879	455	7,762	319
South Omo	-	-	-	-	-
Shaka	58	-	-	-	-
Kaffa	1,331	-	-	-	-
Gamo Gofa	10,362	4,026	1,644	774	-
Bench Maji	-	-	-	-	-
Yem Sp. Wereda	3,373	175	25	626	50
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	3,373	175	25	626	50
Konso Sp. Wereda	6,441	426	71	-	145
Derashe Sp. Wereda	902	43	-	85	-
Dawro	4,034	78	637	172	-
Basketo Sp. Wereda	20	-	-	-	-
Konta Sp. Wereda	699	29	128	-	-
Silte	42,439	4,122	1,338	229	845
Alaba Sp. Wereda	8,707	332	729	735	-
Gambela Region	196	-	-	29	-
Angnuwak	-	-	-	-	-
Nuware	7	-	-	29	-
Mezhenger	189	-	-	-	-
Itang Special	-	-	-	-	-
Harari	1,379	45	-	26	-
Hundene	1,379	45	-	26	-
Dire Dawa	329	-	30	-	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	351,644	345,778	3,298	28,049	8,547
Tigray	78,297	17,336	505	14,158	698
North West Tigray	33,640	4,113	505	4,853	-
Central Tigray	19,759	2,756	-	1,658	-
Eastern Tigray	3,805	1,059	-	174	-
Southern Tigray	9,081	4,238	-	5,687	-
Western Tigray	12,012	5,169	-	1,787	698
Afar	19	746	43	-	1,017
Zone 1	19	191	-	-	881
Zone 3	-	555	43	-	136
Amhara	76,277	57,906	406	1,761	1,703
North Gonder	16,335	10,952	-	371	374
South Gonder	18,581	2,347	-	-	333
North Wolo	7,234	579	-	-	267
South Wolo	854	2,841	406	854	-
North Shewa	8,226	31,067	-	308	616
East Gojam	3,093	1,421	-	-	-
West Gojam	17,612	6,840	-	-	-
Waghamera	356	-	-	-	-
Awi	1,576	1,402	-	-	-
Oromia	2,410	458	-	228	114
Argoba Special	-	-	-	-	-
Oromia	113,569	201,005	2,165	9,115	3,584
West Wellega	10,638	1,117	684	-	820
East Wellega	15,826	4,109	213	572	-
Illubabor	226	510	-	-	-
Jimma	12,077	390	-	749	-
West Shewa	893	6,852	-	-	-
North Shewa	4,978	18,946	-	830	509
East Shewa	3,496	54,742	-	-	-
Arsi	14,104	34,052	-	-	1,782
West Harerghe	2,413	3,514	-	535	-
East Harerghe	6,457	25,683	-	-	-
Bale	8,319	16,448	-	210	-
Borena	313	141	-	-	-
South West Shewa	4,882	10,196	-	-	176
Guji	413	994	638	207	-
West Arsi	6,642	20,030	282	5,040	296
Kelem Wellega	17,003	1,037	125	876	-
Horoguduru Wellega	4,889	2,244	222	97	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	200	560	-	-	-
Shinele	-	325	-	-	-
Jijiga	200	-	-	-	-
Liben	-	235	-	-	-
Benshangul-Gumuz	3,332	304	58	102	19
Metekel	210	140	-	-	-
Asosa	1,626	67	-	-	-
Kemeshi	573	21	-	-	-
Pawe Special	163	64	18	62	9
Mao Komo	759	12	40	40	10
SNNP	78,472	57,651	121	2,510	1,085
Gurage	38,165	5,374	-	233	221
Hadiya	1,855	2,563	-	-	-
Kembata Tembaro	2,643	10,153	-	1,088	106
Sidama	4,815	28,146	-	382	-
Gedio	-	180	-	-	-
Wolayita	450	8,322	-	-	-
South Omo	-	-	-	-	-
Shaka	697	-	-	58	-
Kaffa	14,860	131	-	-	-
Gamo Gofa	2,032	276	-	-	-
Bench Maji	8,516	2,065	121	726	757
Yem Sp. Wereda	-	-	-	24	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	64	-	-	-	-
Konso Sp. Wereda	1,383	-	-	-	-
Derashe Sp. Wereda	44	-	-	-	-
Dawro	183	174	-	-	-
Basketo Sp. Wereda	243	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	2,202	-	-	-	-
Alaba Sp. Wereda	318	267	-	-	-
Gambela Region	1,081	418	-	47	197
Angnuwak	164	394	-	-	-
Nuware	-	-	-	-	-
Mezhenger	917	23	-	47	197
Itang Special	-	-	-	-	-
Harari	281	5,157	-	356	-
Hundene	281	5,157	-	356	-
Dire Dawa	117	4,695	-	-	244

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	32,634	45,026	25,834	20,970	9,387
Tigray	22,425	19,785	6,623	11,403	6,438
North West Tigray	1,498	-	897	300	-
Central Tigray	9,090	10,980	1,570	3,341	2,507
Eastern Tigray	6,243	1,822	337	6,557	2,065
Southern Tigray	5,142	6,801	3,455	1,116	1,686
Western Tigray	453	183	364	89	181
Afar	-	-	49	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	49	-	-
Amhara	1,551	18,717	2,464	7,369	1,595
North Gondar	-	447	385	-	-
South Gondar	-	-	-	-	322
North Wolo	-	274	-	-	-
South Wolo	-	3,138	-	801	-
North Shewa	627	321	-	390	-
East Gojam	629	8,642	856	1,755	1,152
West Gojam	296	4,927	808	3,755	-
Waghamera	-	121	121	243	121
Awi	-	354	182	190	-
Oromia	-	450	113	233	-
Argoba Special	-	44	-	-	-
Oromia	7,226	4,693	5,857	1,376	987
West Wellega	-	-	654	-	-
East Wellega	-	-	586	453	-
Illubabor	-	218	237	-	465
Jimma	-	-	1,146	-	-
West Shewa	304	283	283	-	-
North Shewa	1,628	255	-	-	-
East Shewa	220	216	660	472	-
Arsi	2,513	-	628	-	-
West Harerghe	276	276	849	-	-
East Harerghe	-	-	-	450	-
Bale	213	3,192	-	-	-
Borena	349	-	539	-	521
South West Shewa	-	253	-	-	-
Guji	1,723	-	-	-	-
West Arsi	-	-	276	-	-
Kelem Wellega	7,226	4,693	5,857	1,376	987
Horoguduru Wellega	-	-	654	-	-

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	-	31	150	67	-
Metekel	-	-	141	67	-
Asosa	-	31	-	-	-
Kemeshi	-	-	9	-	-
Pawe Special	-	31	150	67	-
Mao Komo	-	-	-	-	-
SNNP	1,383	1,730	10,605	756	367
Gurage	261	563	1,288	499	-
Hadiya	-	-	238	-	-
Kembata Tembaro	138	-	316	-	-
Sidama	-	382	1,397	-	-
Gedio	-	-	485	-	-
Wolayita	905	448	457	-	-
South Omo	-	-	371	-	-
Shaka	49	54	1,186	257	-
Kaffa	-	-	1,392	-	-
Gamo Gofa	-	-	259	-	-
Bench Maji	-	130	1,057	-	318
Yem Sp. Wereda	-	27	400	-	50
Amaro Sp. Wereda	-	-	87	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	-	-	76	-	-
Derashe Sp. Wereda	-	49	-	-	-
Dawro	-	78	87	-	-
Basketo Sp. Wereda	-	-	238	-	-
Konta Sp. Wereda	30	-	219	-	-
Silte	-	-	708	-	-
Alaba Sp. Wereda	-	-	343	-	-
Gambela Region	-	-	-	-	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	49	-	-	-	-
Hundene	49	-	-	-	-
Dire Dawa	-	70	86	-	-

**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	47,570,675	648,221	1.36	26,117,272	732,978	2.81	21,709,428	760,894	3.5
Tigray	3,119,407	150,534	4.83	1,388,104	135,792	9.78	3,005,463	227,084	7.56
Afar	401,167	40,683	10.14	353,418	46,616	13.19	599,828	64,243	10.71
Amhara	11,757,295	275,739	2.35	9,469,746	486,462	5.14	5,468,624	273,855	5.01
Oromia.....	21,410,978	461,185	2.15	9,401,844	422,718	4.5	7,685,529	495,273	6.44
Somali	640,357	60,625	9.47	1,306,061	260,176	19.92	1,703,290	262,365	15.4
Benshangul-Gumuz	363,590	12,577	3.46	85,274	4,916	5.76	371,500	33,174	8.93
SNNP	9,574,677	319,836	3.34	4,000,053	182,928	4.57	2,624,588	364,522	13.89
Gambella	212,591	31,765	14.94	48,114	10,243	21.29	54,638	9,189	16.82
Harari.....	40,775	2,606	6.39	5,035	779	15.48	41,226	2,380	5.77
Dire Dawa	49,838	2,341	4.7	59,623	4,922	8.26	154,743	8,428	5.45

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	1,775,794	92,920	5.23	376,682	18,911	5.02	5,572,931	541,823	9.72	1,009,040	171,450	16.99
Tigray.....	12,694	8,350	65.78	6,665	2,825	42.38	462,497	18,874	4.08	34,448	7,122	20.68
Afar	35	34	96.35	136	88	64.7	32,897	9,863	29.98	142,357	53,753	37.76
Amhara	304,004	37,744	12.42	135,908	12,825	9.44	1,804,408	44,073	2.44	47,026	12,590	26.77
Oromia	1,111,943	79,036	7.11	180,364	12,923	7.16	2,197,828	66,989	3.05	447,688	149,535	33.4
Somali	167	168	100.51	377	334	88.57	636,796	534,689	83.97	330,563	62,721	18.97
Benshangul-Gumuz	280	-	-	682	143	20.95	50,738	3,558	7.01	-	-	-
SNNP	346,335	29,885	8.63	52,456	4,245	8.09	364,985	27,969	7.66	121	122	100.24
Gambella.....	336	122	36.18	95	65	68.33	369	299	81.12	-	-	-
Harari	-	-	-	-	-	-	8,328	974	11.7	1,777	1,099	61.86
Dire Dawa.....	-	-	-	-	-	-	14,083	860	6.1	5,060	904	17.86

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	2,180,519	47,014	2.16	1,987,742	41,963	2.11	3,442,853	64,532	1.87	12,699,924	159,653	1.26	790216	37080	4.69
Tigray.....	150,372	9,651	6.42	105,291	9,137	8.68	216,377	12,411	5.74	922,849	28,056	3.04	79,677	8,376	10.5
Afar	22,188	2,933	13.22	18,805	2,701	14.36	17,561	3,499	19.92	33,236	5,402	16.25	442	161	36.4
Amhara	445,297	18,424	4.14	397,612	19,360	4.87	862,832	29,038	3.37	3,906,997	83,208	2.13	387,028	27,147	7.01
Oromia.....	1,006,594	33,691	3.35	953,817	31,420	3.29	1,609,530	45,188	2.81	5,719,491	118,112	2.07	272,754	22,053	8.09
Somali	51,135	5,218	10.2	31,646	3,400	10.74	34,100	5,277	15.47	82,227	9,909	12.05	4,572	2,966	64.9
Benshangul-Gumuz	13,528	598	4.42	18,436	771	4.18	33,210	1,356	4.08	96,687	3,992	4.13	3,860	126	3.26
SNNP	472,031	24,544	5.2	447,760	17,157	3.83	640,608	32,688	5.1	1,901,593	60,531	3.18	40,780	8,522	20.9
Gambella.....	12,966	1,961	15.12	10,061	1,208	12.01	19,718	3,787	19.21	23,036	4,356	18.91	1,104	180	16.3
Harari	2,004	236	11.78	2,031	244	12.03	3,950	381	9.65	7,028	1,024	14.57	-	-	-
Dire Dawa.....	4,404	368	8.36	2,283	269	11.79	4,967	401	8.07	6,780	626	9.23	-	-	-

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	2,406,289	51,626	2.15	2,120,662	46,473	2.19	4,248,694	83,233	1.96	16,967,428	268,684	1.58	726,348	36,405	5.01
Tigray.....	169,583	12,252	7.22	125,890	11,784	9.36	249,609	16,464	6.6	1,036,743	61,144	5.9	63,015	10,174	16.2
Afar	38,550	4,442	11.52	32,814	4,023	12.26	42,330	5,846	13.81	193,637	17,543	9.06	1,604	597	37.2
Amhara	496,122	20,321	4.1	406,450	23,241	5.72	916,787	33,621	3.67	3,695,434	101,350	2.74	242,736	22,772	9.38
Oromia.....	1,074,339	37,136	3.46	995,395	32,954	3.31	1,995,998	57,555	2.88	7,480,620	186,603	2.49	302,442	22,872	7.56
Somali	58,583	6,424	10.97	40,925	5,658	13.82	49,695	6,938	13.96	280,800	26,050	9.28	6,674	3,642	54.6
Benshangul-Gumuz	13,567	703	5.18	20,014	720	3.6	33,740	1,248	3.7	125,876	4,952	3.93	4,672	241	5.16
SNNP	534,456	25,538	4.78	482,342	18,491	3.83	921,588	45,927	4.98	4,033,325	148,819	3.69	100,194	12,888	12.9
Gambella.....	14,821	3,035	20.48	12,817	2,001	15.61	28,402	4,480	15.78	85,832	14,134	16.47	3,834	521	13.6
Harari	2,271	253	11.16	2,203	275	12.5	4,791	463	9.66	16,004	1,177	7.35	493	157	31.9
Dire Dawa.....	3,997	392	9.8	1,813	308	17	5,754	513	8.92	19,157	973	5.08	683	150	21.9

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

Male Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	3,248,091	89,815	2.77	1,163,234	45,254	3.89	933,101	55,492	5.95	1,542,074	82,313	5.34
Tigray.....	135,656	14,464	10.66	78,194	9,079	11.61	48,846	6,658	13.63	78,016	10,939	14.02
Afar	25,606	3,541	13.83	19,430	3,329	17.13	15,543	2,935	18.88	28,549	4,999	17.51
Amhara	1,159,109	61,803	5.33	381,634	25,815	6.76	315,752	41,583	13.17	587,507	53,276	9.07
Oromia.....	1,325,674	56,795	4.28	409,175	30,055	7.35	318,824	27,399	8.59	436,957	35,061	8.02
Somali	106,059	17,617	16.61	74,752	14,427	19.3	70,133	18,238	26.01	180,617	47,481	26.29
Benshangul-Gumuz	14,005	837	5.98	2,752	318	11.55	3,648	492	13.5	4,359	634	14.54
SNNP	469,416	22,083	4.7	189,971	13,248	6.97	151,142	14,416	9.54	218,236	17,517	8.03
Gambella.....	4,853	723	14.9	3,204	836	26.1	4,319	2,363	54.7	4,156	1,139	27.41
Harari	425	110	25.84	287	92	32.11	431	124	28.78	434	110	25.29
Dire Dawa.....	7,288	735	10.09	3,836	491	12.79	4,464	508	11.38	3,243	498	15.35

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	3,488,149	102,340	2.93	1,516,324	59,032	3.89	1,989,455	78,622	3.95	12,236,844	347,153	2.84
Tigray.....	134,536	14,581	10.84	110,577	14,988	13.55	136,919	18,135	13.25	665,360	65,785	9.89
Afar	40,402	5,757	14.25	34,490	5,565	16.14	38,853	6,230	16.04	150,547	19,044	12.65
Amhara	1,199,990	65,829	5.49	474,485	32,263	6.8	623,624	44,800	7.18	4,727,644	251,699	5.32
Oromia.....	1,439,388	67,684	4.7	525,924	34,837	6.62	691,704	47,582	6.88	4,254,199	189,563	4.46
Somali	133,015	24,114	18.13	111,362	26,912	24.17	124,279	32,569	26.21	505,845	95,910	18.96
Benshangul-Gumuz	12,677	815	6.43	5,230	432	8.25	7,817	654	8.37	34,786	1,889	5.43
SNNP	515,277	27,010	5.24	245,785	15,779	6.42	353,103	21,838	6.18	1,857,123	85,581	4.61
Gambella.....	5,152	969	18.8	4,031	938	23.27	6,359	1,998	31.42	16,040	2,494	15.55
Harari	472	143	30.37	316	91	28.77	644	180	27.88	2,025	329	16.22
Addis Ababa	7,239	744	10.27	4,125	645	15.63	6,154	747	12.14	23,275	2,399	10.31
Dire Dawa.....	3,488,149	102,340	2.93	1,516,324	59,032	3.89	1,989,455	78,622	3.95	12,236,844	347,153	2.84

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	2,460,318	80,296	3.26	1,219,454	60,009	4.92	1,070,525	59,767	5.58	1,901,116	95,940	5.05
Tigray.....	278,509	21,555	7.74	170,153	22,227	13.06	155,987	23,589	15.12	250,731	30,971	12.35
Afar	42,949	5,491	12.78	29,865	4,763	15.95	25,120	5,007	19.93	44,017	6,470	14.7
Amhara	644,993	41,796	6.48	303,113	22,765	7.51	274,855	21,221	7.72	527,585	35,336	6.7
Oromia.....	1,016,363	56,794	5.59	440,445	38,338	8.7	332,004	33,510	10.09	558,435	55,742	9.98
Somali	138,315	17,409	12.59	98,849	18,894	19.11	100,699	23,591	23.43	225,102	45,338	20.14
Benshangul-Gumuz	49,164	3,492	7.1	21,234	2,186	10.29	15,747	2,105	13.37	23,219	3,722	16.03
SNNP	260,711	25,727	9.87	141,935	27,077	19.08	153,656	29,227	19.02	256,532	42,145	16.43
Gambella.....	5,268	770	14.62	3,086	827	26.79	3,311	1,261	38.09	4,456	1,035	23.23
Harari	4,519	463	10.25	2,661	305	11.45	2,431	444	18.28	2,423	381	15.73
Dire Dawa.....	19,527	1,481	7.59	8,113	808	9.96	6,716	597	8.89	8,617	920	10.68

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	2,698,729	90,886	3.37	1,548,946	66,846	4.32	1,863,038	84,336	4.53	8,947,302	299,285	3.34
Tigray.....	309,250	26,969	8.72	245,814	31,705	12.9	293,398	27,555	9.39	1,301,620	69,883	5.37
Afar	75,908	9,030	11.9	59,045	7,839	13.28	70,397	9,147	12.99	252,527	26,472	10.48
Amhara	687,316	41,865	6.09	345,711	22,319	6.46	415,509	28,007	6.74	2,269,542	108,669	4.79
Oromia.....	1,051,729	61,732	5.87	542,475	41,040	7.57	629,447	53,497	8.5	3,114,631	199,889	6.42
Somali	180,285	25,751	14.28	133,582	24,892	18.63	160,750	33,916	21.1	665,710	90,225	13.55
Benshangul-Gumuz	56,854	4,576	8.05	31,389	2,998	9.55	36,474	3,952	10.83	137,418	13,385	9.74
SNNP	305,189	34,631	11.35	172,825	24,271	14.04	230,113	38,106	16.56	1,103,627	154,521	14
Gambella.....	6,869	1,379	20.08	5,243	874	16.66	7,308	1,735	23.74	19,097	3,084	16.15
Harari	4,946	544	11.01	3,005	334	11.12	3,000	388	12.92	18,241	1,174	6.44
Addis Ababa	20,382	1,498	7.35	9,857	924	9.37	16,641	1,481	8.9	64,890	3,937	6.07
Dire Dawa.....	2,698,729	90,886	3.37	1,548,946	66,846	4.32	1,863,038	84,336	4.53	8,947,302	299,285	3.34

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	174,924	14,104	8.06	665,960	33,680	5.06	197,385	14,778	7.49	737,524	44,039	5.97
Tigray.....	1,012	689	68.09	3,923	1,684	42.94	1,068	967	90.55	6,692	5,325	79.58
Afar	-	-	-	35	34	96.35	-	-	-	-	-	-
Amhara	24,216	4,903	20.25	98,618	12,505	12.68	31,482	5,221	16.58	149,687	21,169	14.14
Oromia.....	117,936	12,503	10.6	420,115	27,885	6.64	132,880	13,109	9.87	441,012	35,298	8
Somali	-	-	-	-	-	-	-	-	-	167	168	100.51
Benshangul-Gumuz	140	-	-	140	-	-	-	-	-	-	-	-
SNNP	31,620	4,251	13.44	142,794	14,054	9.84	31,955	4,282	13.4	139,966	14,730	10.52
Gambella.....	-	-	-	336	122	36.18	-	-	-	-	-	-
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	622,295	18,808	3.02	1,780,997	48,591	2.73	591,983	18,365	3.1	2,577,655	536,913	20.83
Tigray.....	53,019	4,595	8.67	193,374	14,084	7.28	50,551	3,883	7.68	165,553	9,677	5.85
Afar	4,312	2,032	47.13	10,776	2,602	24.14	5,726	2,838	49.57	12,084	2,827	23.4
Amhara	259,406	11,909	4.59	508,893	26,895	5.28	251,538	12,046	4.79	784,571	25,042	3.19
Oromia.....	252,984	12,562	4.97	840,802	36,024	4.28	236,244	12,366	5.23	867,798	34,278	3.95
Somali	12,677	1,819	14.35	42,001	5,171	12.31	8,632	1,232	14.27	573,486	534,897	93.27
Benshangul-Gumuz	4,888	696	14.24	28,595	1,728	6.04	3,933	734	18.66	13,322	1,734	13.01
SNNP	32,383	5,002	15.45	147,820	10,217	6.91	32,793	3,738	11.4	151,988	15,947	10.49
Gambella.....	8	6	80.23	353	299	84.62	-	-	-	8	6	80.23
Harari	415	126	30.34	4,665	818	17.53	459	153	33.32	2,790	494	17.71
Dire Dawa.....	2,203	255	11.59	3,719	312	8.4	2,107	257	12.2	6,054	463	7.65

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	23,023	3,119	13.55	163,023	10,854	6.66	27,842	4,065	14.6	162,794	10,040	6.17
Tigray.....	94	92	98.47	3,226	1,835	56.89	325	321	99	3,021	1,106	36.62
Afar	-	-	-	87	77	88.19	-	-	-	49	47	96.07
Amhara	11,147	2,404	21.57	51,643	6,520	12.63	14,544	3,351	23.04	58,574	6,717	11.47
Oromia	8,948	1,851	20.69	80,709	7,938	9.84	10,473	2,159	20.62	80,234	7,006	8.73
Somali	-	-	-	105	86	81.83	-	-	-	272	252	92.68
Benshangul-Gumuz	-	-	-	411	125	30.32	-	-	-	271	73	27.03
SNNP	2,834	713	25.18	26,771	2,979	11.13	2,501	728	29.12	20,350	2,302	11.31
Gambella.....	-	-	-	71	62	86.99	-	-	-	24	23	95.77
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	135,713	24,515	18.06	231,843	29,106	12.55	169,963	37,954	22.33	471,521	94,289	20
Tigray.....	3,957	1,954	49.39	29,346	5,821	19.83	197	197	100.07	947	548	57.86
Afar	16,405	7,356	44.84	28,131	9,722	34.56	45,473	28,827	63.39	52,349	10,875	20.77
Amhara	12,023	5,933	49.34	34,515	10,373	30.05	123	111	90.33	365	185	50.69
Oromia	63,137	21,335	33.79	62,254	20,069	32.24	77,636	23,121	29.78	244,660	87,065	35.59
Somali	38,994	7,251	18.59	76,015	14,431	18.98	45,013	8,641	19.2	170,541	34,513	20.24
Benshangul-Gumuz	104	104	100.24	17	17	100.24	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gambella.....	333	199	59.77	48	33	68.26	543	351	64.53	852	553	64.91
Harari	760	199	26.18	1,516	339	22.38	977	233	23.86	1,807	337	18.65
Dire Dawa.....	135,713	24,515	18.06	231,843	29,106	12.55	169,963	37,954	22.33	471,521	94,289	20

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	39,563,902	557,450	1.41	4,466,235	72,622	1.63	2,114,380	66,451	3.14	3,768,034	93,129	2.47	1,541,243	60,128	3.9	14,739,754	308,088	2.09	12,934,256	159,016	1.23
Tigray	4,262,337	165,027	3.87	382,799	17,057	4.46	337,698	28,335	8.39	522,919	37,414	7.15	236,041	24,533	10.4	1,610,678	85,881	5.33	1,172,201	33,375	2.85
Afar	53,856	10,045	18.65	6,294	1,643	26.11	4,163	1,214	29.16	6,070	1,336	22.01	6,544	1,811	27.7	13,928	3,404	24.44	16,858	3,328	19.74
Amhara	12,364,824	339,037	2.74	1,387,417	43,656	3.15	592,228	39,147	6.61	1,139,372	55,322	4.86	397,780	31,164	7.83	4,794,287	206,130	4.3	4,053,741	95,394	2.35
Oromia	14,329,775	340,578	2.38	1,753,623	47,613	2.72	726,816	38,430	5.29	1,295,052	54,884	4.24	623,216	39,389	6.32	5,066,983	176,615	3.49	4,864,086	104,465	2.15
Somali	113,082	30,180	26.69	18,134	4,841	26.7	10,046	3,150	31.35	8,898	2,603	29.26	8,728	2,897	33.2	21,852	5,688	26.03	45,424	15,214	33.49
Benshangul-Gumuz	708,027	24,142	3.41	69,125	3,578	5.18	49,068	3,518	7.17	71,534	3,851	5.38	18,253	1,836	10.1	339,583	13,014	3.83	160,465	5,593	3.49
SNNP	7,465,585	225,314	3.02	817,181	27,706	3.39	371,034	23,992	6.47	693,096	34,203	4.93	241,056	21,744	9.02	2,805,752	116,627	4.16	2,537,466	62,219	2.45
Gambella	173,844	13,531	7.78	19,732	1,619	8.21	17,737	1,904	10.73	22,758	2,526	11.1	6,364	1,615	25.4	65,506	6,430	9.82	41,747	2,807	6.72
Harari	36,288	4,157	11.45	5,498	679	12.35	2,249	485	21.57	3,628	735	20.27	1,581	468	29.6	10,561	1,567	14.84	12,770	1,243	9.73
Dire Dawa	56,283	4,008	7.12	6,433	697	10.84	3,343	532	15.91	4,706	609	12.93	1,679	362	21.6	10,624	1,195	11.25	29,499	2,144	7.27

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	4,688,278	251,183	5.36	4,580,303	250,809	5.48	29,421	5,673	19.28	78,554	9,445	12.02
Tigray	242,868	21,607	8.9	207,110	19,395	9.36	1,934	1,015	52.47	33,824	6,697	19.8
Afar	46	42	90.02	46	42	90.02	-	-	-	-	-	-
Amhara	975,749	60,945	6.25	937,660	60,067	6.41	13,889	4,174	30.06	24,201	4,195	17.33
Oromia	2,447,294	233,290	9.53	2,426,436	233,353	9.62	8,621	3,372	39.11	12,237	4,261	34.82
Somali	224	157	69.87	224	157	69.87	-	-	-	-	-	-
Benshangul-Gumuz	186,068	10,694	5.75	185,449	10,718	5.78	71	69	97.22	548	516	94.13
SNNP	798,901	64,711	8.1	786,378	64,554	8.21	4,779	1,531	32.03	7,744	2,890	37.32
Gambella	35,122	13,616	38.77	35,091	13,617	38.81	30	28	93.11	-	-	-
Harari	1,056	279	26.41	1,056	279	26.41	-	-	-	-	-	-
Dire Dawa	950	212	22.37	853	190	22.23	97	48	49.51	-	-	-

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 2007/08 (2000 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	930	924
	Central Tigray	39	39	1170	1165
	Eastern Tigray	29	29	770	
	Southern Tigray	38	38	1140	1140
	Western Tigray	25	24	750	720
	Region Total	162	161	4860	4816
Afar	Zone One	24	24	720	708
	Zone Three	24	15	720	445
	Region Total	48	39	1440	1153
Amhara	North Gonder	44	43	1320	1289
	South Gonder	44	44	1320	1316
	North Wello	45	43	1350	1285
	South Wello	46	45	1380	1348
	North Shewa	40	40	1200	1199
	East Gojam	47	47	1410	1404
	West Gojam	46	46	1380	1378
	Wag Hemira	28	24	840	720
	Awi	32	32	960	960
	Oromia	28	27	840	807
	Argoba Special Woreda	20	20	600	599
	Region Total	420	411	12600	12305
Oromia	West Wellega	36	36	1080	1079
	East Wellega	36	35	1080	1047
	Illubabor	36	36	1080	1079
	Jimma	46	46	1380	1380
	West Shewa	42	42	1260	1258
	North Shewa	34	34	1020	1019
	East Shewa	40	38	1200	1137
	Arsi	44	42	1320	1287
	West Harerghe	40	40	1200	1197
	East Harerghe	42	39	1260	1168
	Bale	40	40	1200	1197
	Borena	36	36	1080	1071
	South West Shewa	38	38	1140	1137
	Guji	36	36	1080	1073
	Kelem Wellega	36	36	1080	1078
	Horoguduru Wellega	36	36	1080	1077
	West Arsi	39	38	1170	1140
	Region Total	657	648	19710	19424

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

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	17	600	493
	Jijiga	28	28	840	832
	Liben	24	24	720	697
	Region Total	72	69	2160	2022
Benishangul-Gumuz	Metekel	24	23	720	689
	Asosa	24	24	720	719
	Kemashi	20	18	600	538
	Maokomo	20	20	600	599
	Pawe Special	20	20	600	600
	Region Total	108	105	3240	3145
SNNP	Guraghe	38	38	1140	1138
	Hadiya	34	33	1020	1016
	Kembata_Tambaro	33	33	990	987
	Sidama	42	42	1260	1277
	Gedeo	34	32	1020	957
	Wolayita	39	39	1170	1169
	South Omo	33	32	990	926
	Shaka	24	24	720	717
	Keffa	36	36	1080	1042
	Gamo_Gofa	38	38	1140	1131
	Benchi_Maji	32	31	960	957
	Yem Special Wereda	20	20	600	599
	Amaro Special Wereda	20	20	600	600
	Burji Special Wereda	20	19	600	570
	Konso Special Wereda	20	20	600	599
	Derashe Special Wereda	20	18	600	538
	Dawro	32	32	960	958
	Basketo Special Wereda	20	20	600	597
	Konta Special Wereda	20	20	600	599
	Siltie	30	30	900	899
	Alaba Special Wereda	20	17	600	599
	Region Total	605	594	18150	17875
Gambella	Agnuak	20	12	600	357
	Nuer	20	11	600	326
	Mejenger	20	19	600	568
	Etang Special Woreda	20	19	600	556
	Region Total	80	61	2400	1807
Harari	Harari	24	24	720	718
Dire Dawa	Dire Dawa	24	24	720	716
Country Total		2200	2136	66000	61025

APPENDIX II

Estimation Procedures of Totals, Ratios, and Sampling Errors

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

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

1. For Estimating Total livestock and products:

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

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

Where:

- h represents the stratum
- n_h is the total number of sample EAs successfully covered in the h^{th} stratum.
- M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.
- m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.
- H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.
- h_{hi} is the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.
- y_{hij} is the value of a specific livestock(its products) for agricultural households j , in the i^{th} EA in the h^{th} stratum.
- y_{hi} is the sample total values of a specific livestock(its products) for EA i in stratum h
- $\hat{Y}_h$ is estimated total of specific livestock and its products in stratum h

2. For Estimating Ratios in stratum h :

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

for characteristic z and x , respectively.

3. Sampling Variance of Estimates:

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

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

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

Where,

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

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

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

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

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

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

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

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

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

4. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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

APPENDIX III
Survey Questionnaire

[illegible]

QST I - Did You Have Livestock and/or Beehives on November 11, 2007?

☐ No – End of the question

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

[illegible]

	Total
1	
4	
7	
10	
13	
16	
19	
22	
24	
26	
29	
32	
35	
38	
41	
44	

	Male
2	
5	
8	
11	
14	
17	
20	
27	
30	
33	
36	
39	
42	
45	

Female	
3	
6	
9	
12	
15	
18	
21	
23	
25	
28	
31	
34	
37	
40	
43	
46	

Form ASS – 2000/7 Cont'd

Number of Sheep by Age and Purpose on Nov 11, 2007

	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 11, 2007

	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 –2000/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 11, 2007

Horses

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

None

Total	
124	
127	
130	
133	
136	
139	

Male	
125	
128	
131	
134	
137	
140	

Female	
126	
129	
132	
135	
138	
141	

Mules

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

None

Total	
142	
145	
148	
151	
154	
157	

Male	
143	
146	
149	
152	
155	
158	

Female	
144	
147	
150	
153	
156	
159	

Donkeys

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

None

Total	
160	
163	
166	
169	
172	
175	

Male	
161	
164	
167	
170	
173	
176	

Female	
162	
165	
168	
171	
174	
177	

Camels

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

None

Total	
178	
181	
184	
187	
190	
193	
195	
198	

Male	
179	
182	
185	
188	
191	
209	
196	
199	

Female	
180	
183	
186	
189	
192	
194	
197	
200	

Form ASS – 2000/7 Cont'd

Poultry

8. Poultry total on Nov 10, 2006

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

None	Total
	201
	205
	209
	213
	217
	221
	225

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

QST II- Did You Have Livestock During The Reference Period (Nov 11, 2006 to Nov 11, 2007)?

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 – 2000/7 Cont'd

Milk, Egg, and Honey Production during the reference period

11. Dairy cows and Camels

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

None

239	
240	
241	
242	
243	
244	
245	
246	

12. Egg production per hen per clutch _____

None

--

Indigenous

247	
-----	--

Hybrid

248	
-----	--

Exotic

249	
-----	--

13. Average number of days per clutch _____

--

250	
-----	--

251	
-----	--

252	
-----	--

14. Total Number of clutch during the reference period _____

--

253	
-----	--

254	
-----	--

255	
-----	--

15. Livestock Diseases and Treatments during the Reference Period

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

Form ASS – 2000/7 Cont'd

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

[illegible]

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

[illegible]

Form ASS – 2000/7 Cont'd

18. Livestock Feeds utilized during the reference period

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

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

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

Yes=1 No=2

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

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