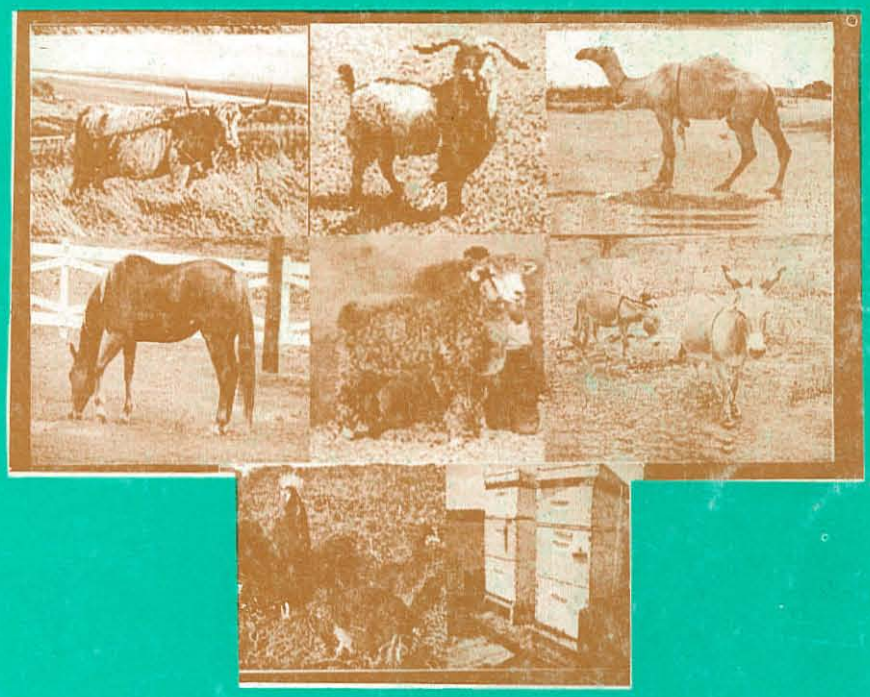
FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY 2012/13 [2005 E.C.]

VOLUME II

REPORT ON LIVESTOCK AND LIVESTOCK CHARACTERISTICS

(PRIVATE PEASANT HOLDINGS)



ADDIS ABABA
APRIL 2013

571 STATISTICAL BULLETIN 571

C-3/5 Acc-004712 17/03/07

FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY
2012/13 [2005 E.C.]

VOLUME II

REPORT ON
LIVESTOCK AND LIVESTOCK CHARACTERISTICS
(PRIVATE PEASANT HOLDINGS)

ADDIS ABABA
APRIL 2013

571 STATISTICAL BULLETIN 571

Table of Contents

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

3.4.3 Egg Production---------- 28
3.5 LIVESTOCK VACCINATION, DISEASES, AND TREATMENT ---------- 29
3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK---------- 31
3.7 ANIMAL FEED---------- 33
3.8 LIVESTOCK EXTENSION---------- 35

Statistical Tables---------- 37
Annex Tables---------- 164
Appendix I---------- 174
Appendix II---------- 177
Appendix III ---------- 181

Abbreviations

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

CHAPTER I
INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

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

Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2012/13 Annual Agricultural Sample Survey was also

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

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2012 or Hidar 1, 2005 E.C.) and reference period (November 11, 2011 to November 10, 2012 or Hidar 2, 2004 E.C. to Hidar 1, 2005 E.C.). The report comprises the results obtained from the livestock survey as well as brief discussions made on the results. The survey results at regional and zonal levels for the sedentary rural areas are presented in Statistical Tables 3.1 - 3.30. The standard errors (SE) and coefficients of variation (CV) are given in Annex Tables 1 – 10, for some variables.

1.2 OBJECTIVES OF THE SURVEY

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

CHAPTER II
SURVEY METHODOLOGY AND OPERATIONS

2.1 COVERAGE

The 2012/13 (2005 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 2,249 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 30 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,219 EAs (98.67%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 67,470 agricultural households, however, 66,423 (98.45%) were actually covered by the survey.

2.2 SAMPLING FRAME

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

2.3 SAMPLE DESIGN

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

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

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

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

2.4 SELECTION SCHEME

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

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

2.5 BASIC CONCEPTS AND DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

***Milking Cow*:** Refers to cows actually milked during the year, Nov 11, 2011 to Nov 10, 2012.

***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, 2011 to Nov 10, 2012.

***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 4. To accomplish the data collection operation, all the enumerators were supplied with the necessary survey equipment at the completion of the training. To assist the data collection activities in deployment, supervision, and retrieval of completed questionnaires, reasonably adequate four-wheel vehicles were used.

2.7 TRAINING OF FIELD STAFF

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

2.8 METHOD OF DATA COLLECTION

In each selected site, a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was November 10, 2012 (Hidar 1/2005 E.C.).

2.9 DATA PROCESSING

2.9.1 Editing, Coding, and Verification

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

2.9.2 Data Entry, Cleaning, and Processing

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

CHAPTER III
SUMMARY OF THE SURVEY RESULTS

3.1 LIVESTOCK NUMBER BY BREED, AGE, SEX AND PURPOSE

The 2012/13 livestock survey has covered the rural sedentary areas of the country on sample basis. The total number of each type of livestock as well as the numbers disaggregated by breed, age, sex, and purpose possessed by holders on the reference date (November 10, 2012), irrespective of ownership, were recorded by interviewing each holder within the selected agricultural households in the sampled enumeration areas of the country. The numbers also include the livestock belonging to the holding but temporarily away or in transit at the time of the enumeration.

3.1.1 Cattle Population

The estimates of cattle for the rural sedentary areas at country level are presented in Summary Table III.1. As shown on the table, the total cattle population for the country is estimated to be about 53.99 million. Out of this total cattle population, the female cattle constitute about 55.48 percent and the remaining 44.52 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 63.64 percent) is in the 3 years and less than 10 years age category, with about 27. 5 percent male and about 36.13 percent female. Moreover, about 16.43 percent are between age one and three years and those with age category 10 years and over took small portion i.e. 2.53 percent of the total estimated number of cattle population (also see Fig III.1).

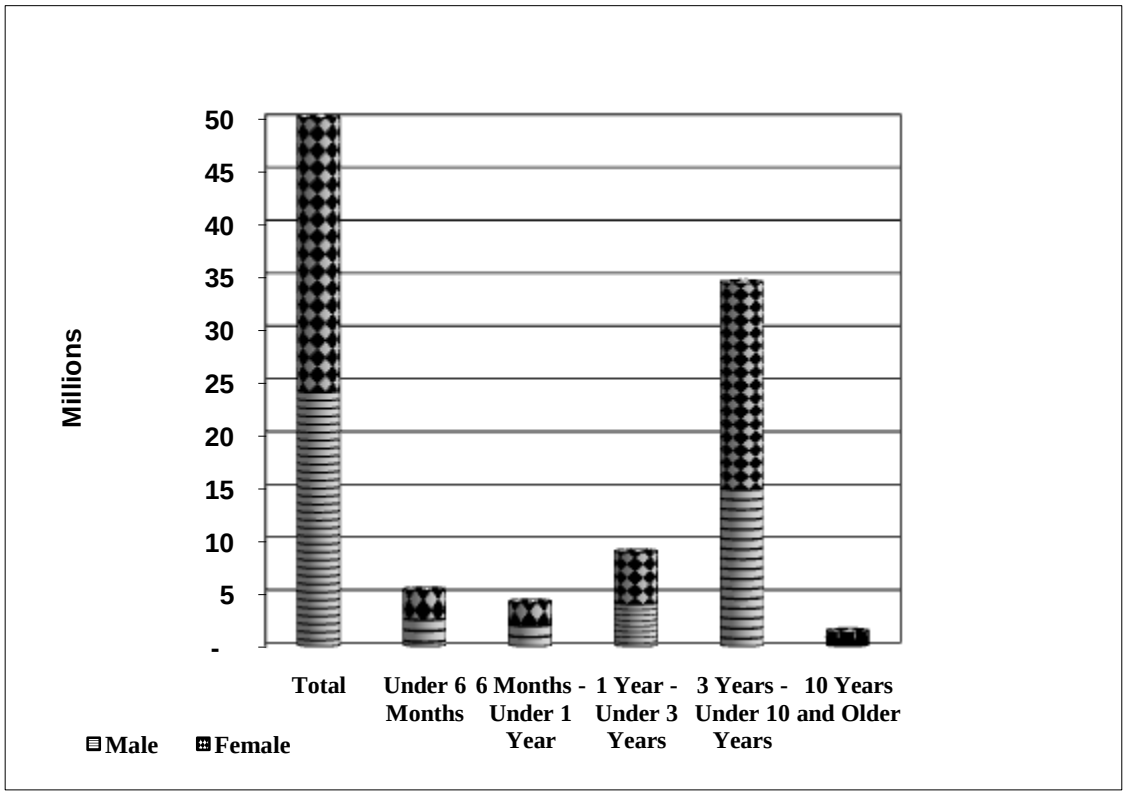
On the other hand, the results obtained indicated that 98.95 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.94 percent and 0.11 percent, respectively. Moreover, distribution of cattle by purpose is given in the same table. Among cattle aged 3

years and less than 10 years, those used for draught purposes accounted for 24.73 percent and the percentage share of beef cattle is the lowest that is about 0.81 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 - 2012/13

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total……..	53,990,061	100	24,033,892	44.52	29,956,169	55.48
Under 6 months	5,272,743	9.77	2,550,699	4.72	2,722,044	5.04
6 months - under 1 year	4,122,295	7.64	1,972,274	3.65	2,150,021	3.98
1 year – under 3 years	8,869,631	16.43	3,964,671	7.34	4,904,960	9.08
3 years – under 10 years	34,357,783	63.64	14,848,521	27.5	19,509,262	36.13
10 years and older	1,367,610	2.53	697,727	1.29	669,883	1.24
Cattle by Breed						
Total	53,990,061	100	24,033,892	44.52	29,956,169	55.48
Indigenous	53,425,504	98.95	23,840,315	44.16	29,585,189	54.8
Hybrid	506,705	0.94	172,325	0.32	334,380	0.62
Exotic	57,853	0.11	21,252	0.04	36,601	0.07
Aged 3 – 10 Years by Purpose						
Total	34,357,783	63.64	14,848,521	27.5	19,509,262	36.13
Used for Milk	6,747,005	12.5			6,747,005	12.5
Used for Draught	13,352,296	24.73	13,205,545	24.46	146,752	0.27
Used for Beef	437,968	0.81	359,810	0.67	78,158	0.14
Used for Breeding	11,839,718	21.93	632,151	1.17	11,207,567	20.76
Used for Other	1,980,795	3.67	651,015	1.21	1,329,780	2.46
Dairy Animals						
Dairy Cows	6,747,005	12.5			6,747,005	12.5
Milking Cows	10,711,484	19.84			10,711,484	19.84

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



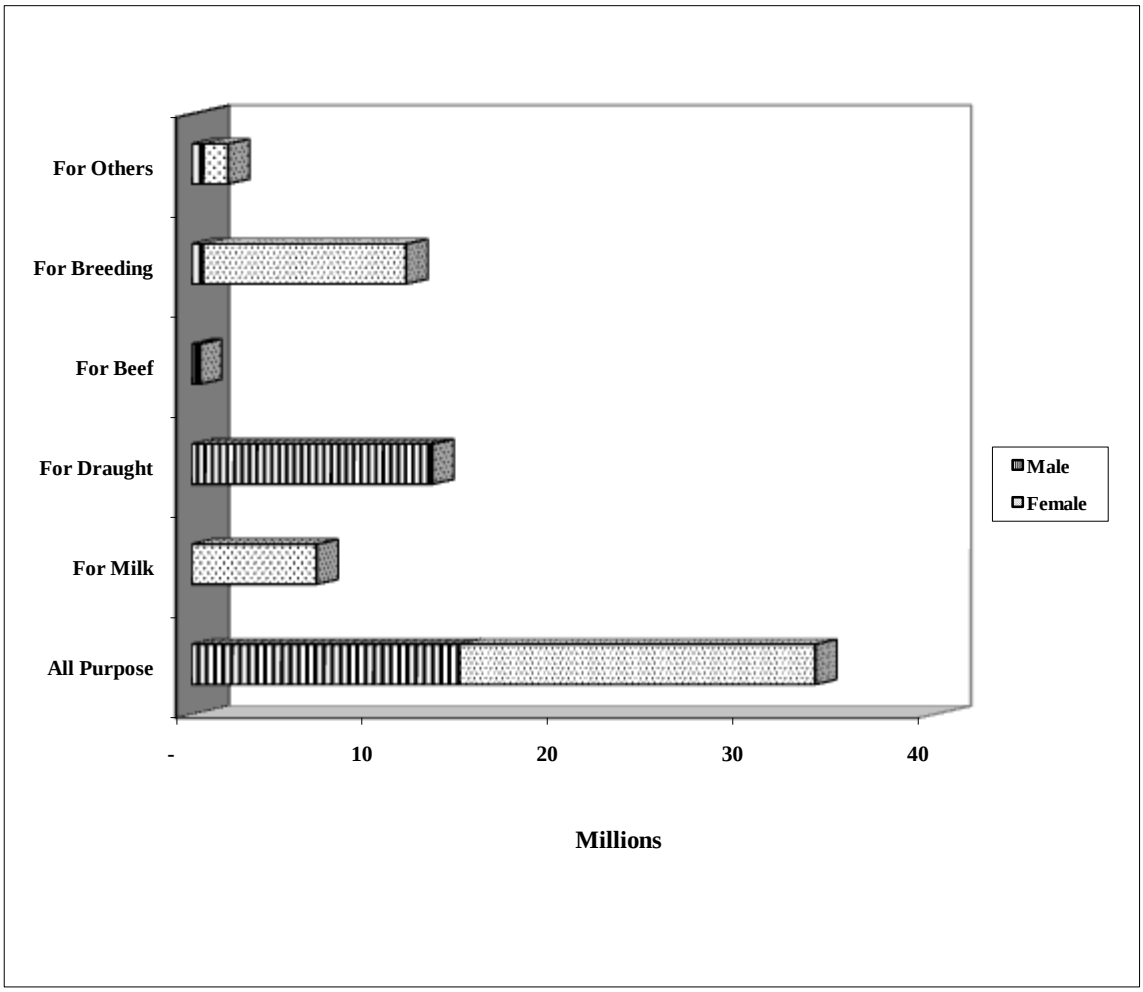
Dairy-cows[1] are estimated to be around 6.7 million and milking-cows[2] are about 10.7 million heads during the reference period.

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.

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

[2]*A Milking Cow refers to any type of cow that actually milked during the reference period (Nov. 11, 2011 to Nov. 10, 2012).*

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



3.1.2 Sheep And Goat Populations

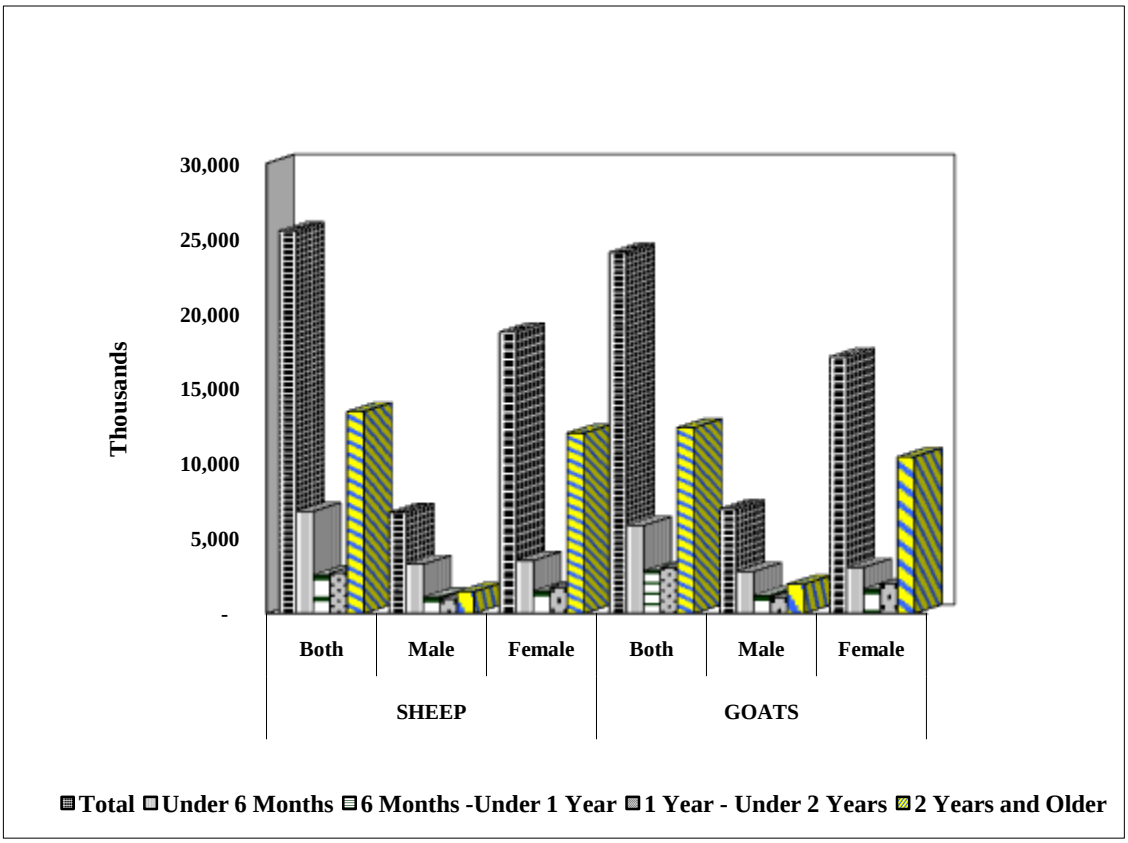
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary areas of the country are given in Summary Table III.2. As pointed out in this table, about 25.5 million sheep are estimated to be found in the country, out of which about 73.57 percent are females, and about 26.43 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 24.06 million. Out of these total goats, 71.06 percent are females and about 28.94 percent are males (see Summary Table III. 2 and Figure III. 3).

SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed, and Purpose, Ethiopia - 2012/13

	Total		Male		Female	
Age, Breed, and Purpose	Number	%	Number	%	Number	%
Total Sheep	25,489,204	100	6,736,931	26.43	18,752,273	73.57
Under 6 months	6,798,913	26.67	3,269,853	12.83	3,529,061	13.85
6 months - under 1 year	2,558,361	10.04	1,074,451	4.22	1,483,911	5.82
1 year - under 2 years	2,675,290	10.5	947,917	3.72	1,727,373	6.78
2 years and older	13,456,639	52.79	1,444,710	5.67	12,011,928	47.13
Sheep by Breed						
Total	25,489,204	100	6,736,931	26.43	18,752,273	73.57
Indigenous	25,439,440	99.8	6,718,092	26.36	18,721,349	73.45
Hybrid	39,691	0.16	16,156	0.06	23,535	0.09
Exotic	10,072	0.04	2,684	0.01	7,388	0.03
Sheep Aged 2 Years and Older by Purpose						
Total	13,456,639	52.79	1,444,710	5.67	12,011,928	47.13
Used for Mutton	576,920	2.26	526,745	2.07	50,175	0.2
Used for Wool	56,235	0.22	7,815	0.03	48,420	0.19
Used for Breeding	12,691,734	49.79	838,981	3.29	11,852,753	46.5
Used for Other	131,750	0.52	71,169	0.28	60,580	0.24
Total Goats	24,060,792	100	6,963,291	28.94	17,097,500	71.06
Under 6 months	5,852,435	24.32	2,786,977	11.58	3,065,458	12.74
6 months - under 1 year	2,813,619	11.69	1,189,112	4.94	1,624,507	6.75
1 year - under 2 years	3,018,015	12.54	1,039,124	4.32	1,978,891	8.22
2 years and older	12,376,722	51.44	1,948,077	8.1	10,428,645	43.34
Goats by Breed						
Total	24,060,792	100	6,963,291	28.94	17,097,500	71.06
Indigenous	24,058,896	99.99	6,963,137	28.94	17,095,759	71.05
Hybrid	*	*	-	-	*	*
Exotic	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total	12,376,722	51.44	1,948,077	8.1	10,428,645	43.34
Used for Milk	667,163	2.77			667,163	2.77
Used for Meat	648,761	2.7	613,042	2.55	35,720	0.15
Used for Breeding	10,952,150	45.52	1,268,357	5.27	9,683,793	40.25
Used for Other	108,648	0.45	66,678	0.28	41,969	0.17

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (52.79 percent and 51.44 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 26.67 percent and 24.32 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 (99.8 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 (52.79% of the total sheep), 49.79 percent are kept for breeding; about 2.26 percent for mutton and less than one percent of them were kept for wool production. Likewise, among the goat population aged two years and older (51.44% of the total), goats kept for breeding accounted for about 45.52 percent while goats kept for meat accounted for 2. 7 percent. The number of female goats kept for milk at country level is estimated to be about 667 thousand, which is 2.77 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

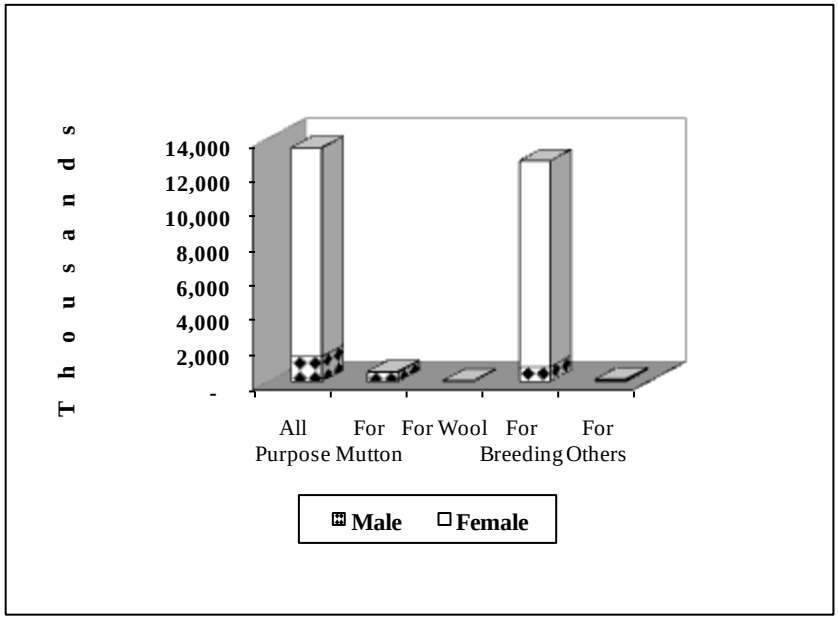
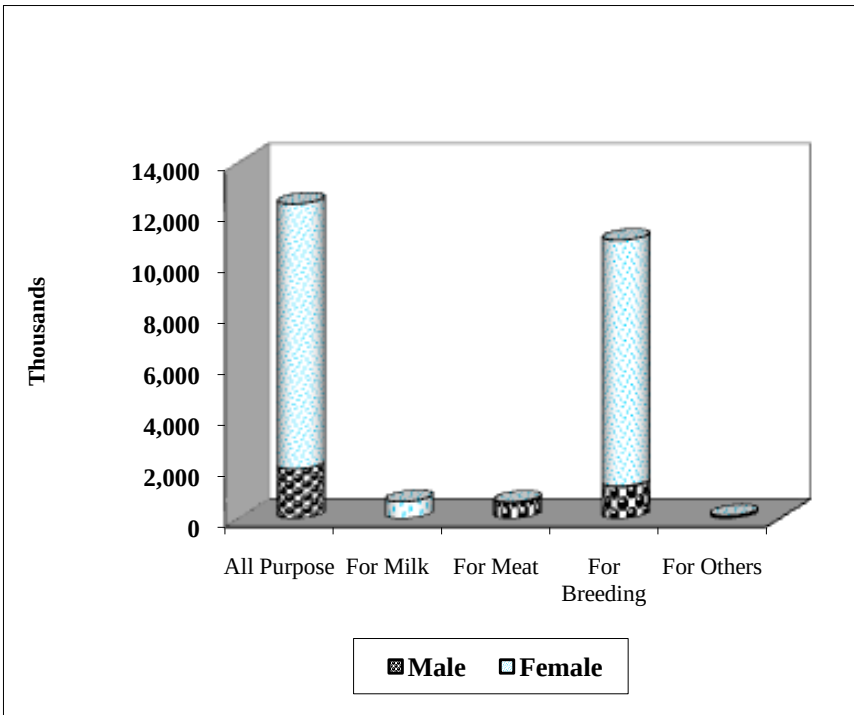


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



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 1.91 million horses, 6.75 million donkeys, 0.35 million mules, anda bout 0.92 million camels in the sedentary areas of the country.

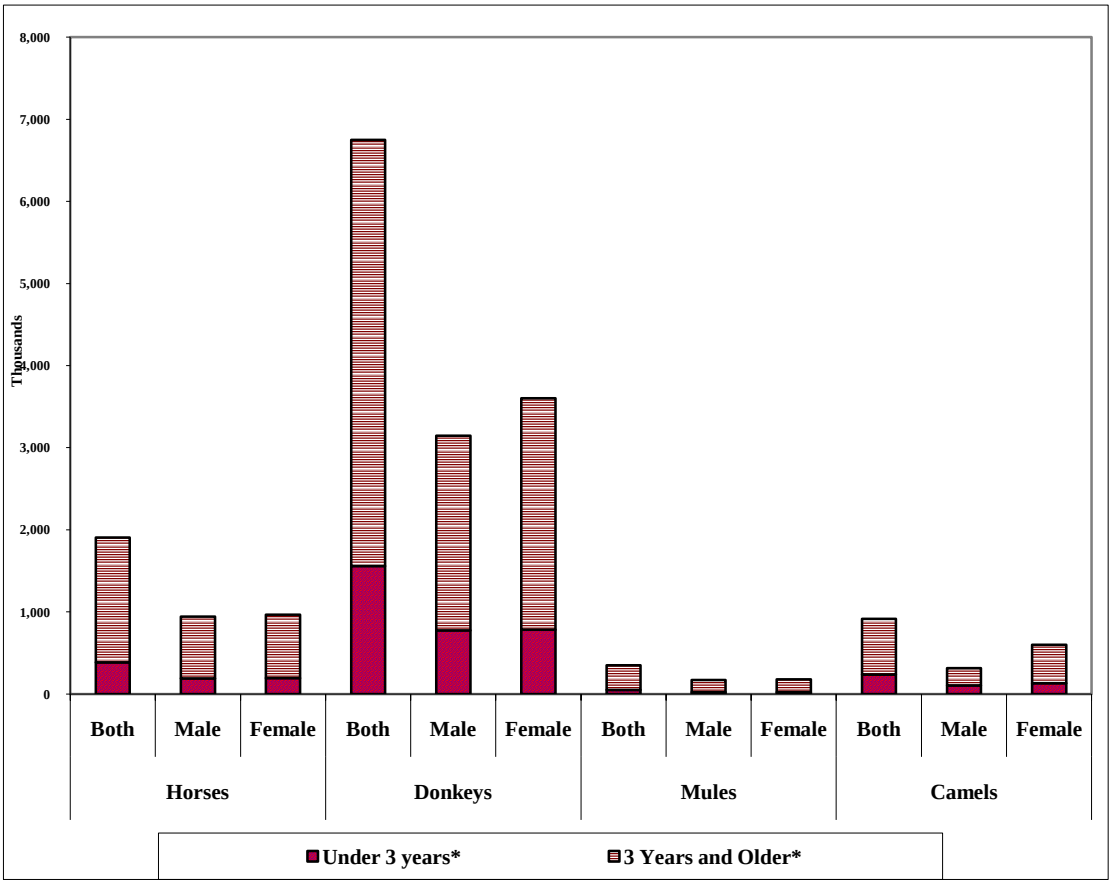
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 53.38 percent are females and the remaining 46.62 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 74.07 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 1.11 million were used for transportation, 0.20 million were for draught and the remaining 0.21 million were used for other purposes. With regard to donkeys, about 4.11 million were used for transportation whereas about 0.88 million and 0.19 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 - 2012/13

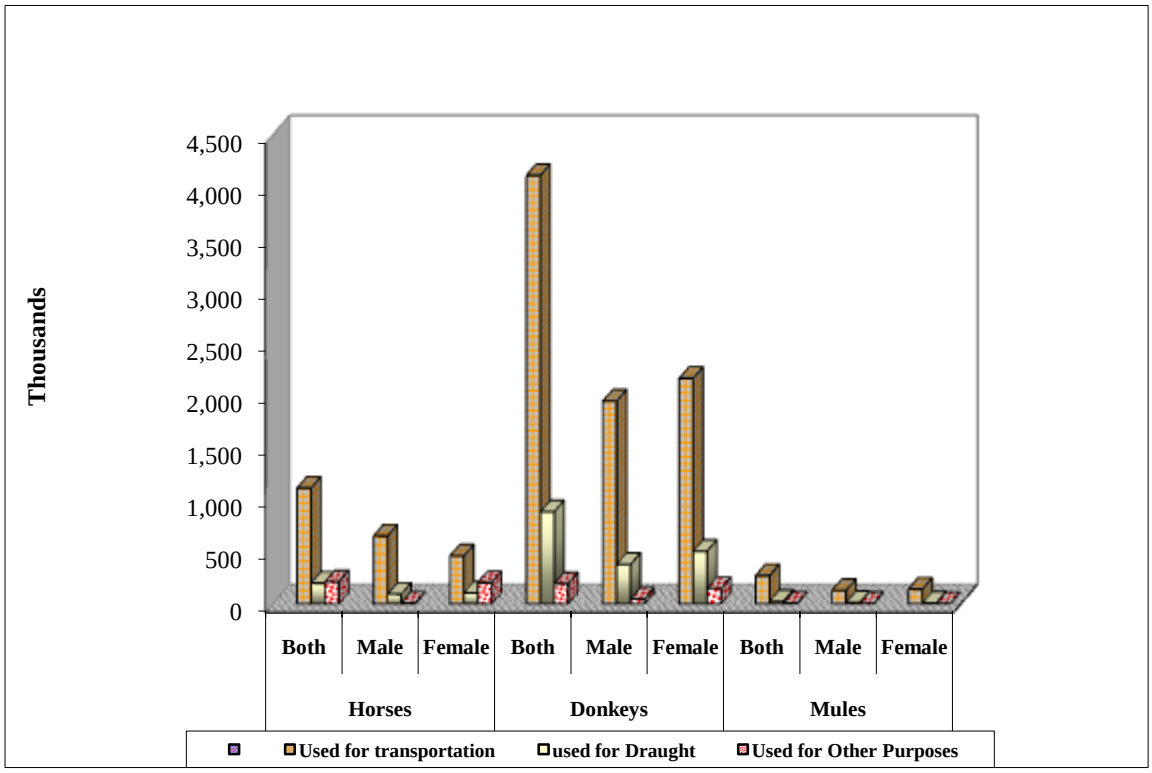
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses	1,907,047	100	941,866	49.39	965,181	50.61
Under 3 Years.....	383,625	20.12	188,941	9.91	194,684	10.21
3 years and older.....	1,523,422	79.88	752,925	39.48	770,497	40.4
Horses Aged 3 Years and Older by Purpose						
All Uses	1,523,422	79.88	752,925	39.48	770,497	40.4
Transportation.....	1,112,514	58.34	651,913	34.18	460,602	24.15
Draught.....	199,779	10.48	94,315	4.95	105,464	5.53
Other Uses	211,129	11.07	6,698	0.35	204,431	10.72
Total Donkeys	6,748,357	100	3,145,751	46.62	3,602,606	53.38
Under 3 Years.....	1,558,300	23.09	773,962	11.47	784,337	11.62
3 years and older.....	5,190,057	76.91	2,371,789	35.15	2,818,268	41.76
Donkeys Aged 3 Years and Older by Purpose						
All Uses	5,190,057	76.91	2,371,789	35.15	2,818,268	41.76
Transportation.....	4,112,602	60.94	1,946,545	28.84	2,166,058	32.1
Draught.....	883,538	13.09	378,954	5.62	504,584	7.48
Other Uses	193,917	2.87	46,290	0.69	147,627	2.19
Total Mules.....	350,026	100	170,819	48.8	179,207	51.2
Under 3 Years.....	47,928	13.69	23,681	6.77	24,247	6.93
3 years and older.....	302,098	86.31	147,138	42.04	154,960	44.27
Mules Aged 3 Years and Older by Purpose						
All Uses	302,098	86.31	147,138	42.04	154,960	44.27
Transportation.....	271,735	77.63	129,563	37.02	142,172	40.62
Draught.....	23,570	6.73	13,695	3.91	9,875	2.82
Other Uses	6,793	1.94	3,881	1.11	2,912	0.83
Total Camels	915,518	100	316,039	34.52	599,479	65.48
Under 4 Years.....	237,380	25.93	105,317	11.5	132,064	14.43
4 years and older.....	678,138	74.07	210,722	23.02	467,415	51.05
Camels Aged 4 Years and Older by Purpose						
All Uses	678,138	74.07	210,722	23.02	467,415	51.05
Meat.....	15,872	1.73	10,976	1.2	-	-
Milk.....	281,852	30.79			281,852	30.79
Transportation.....	197,062	21.52	161,180	17.61	35,881	3.92
Draught.....	8,779	0.96	8,751	0.96	-	-
Other Uses	174,572	19.07	29,814	3.26	144,758	15.81

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



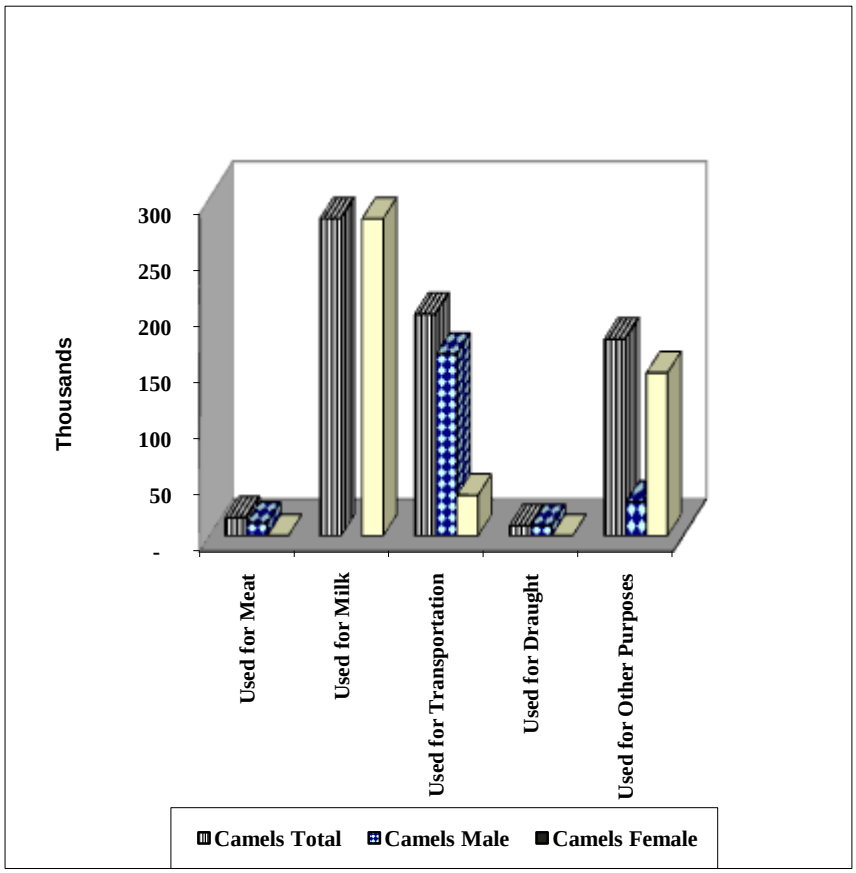
* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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



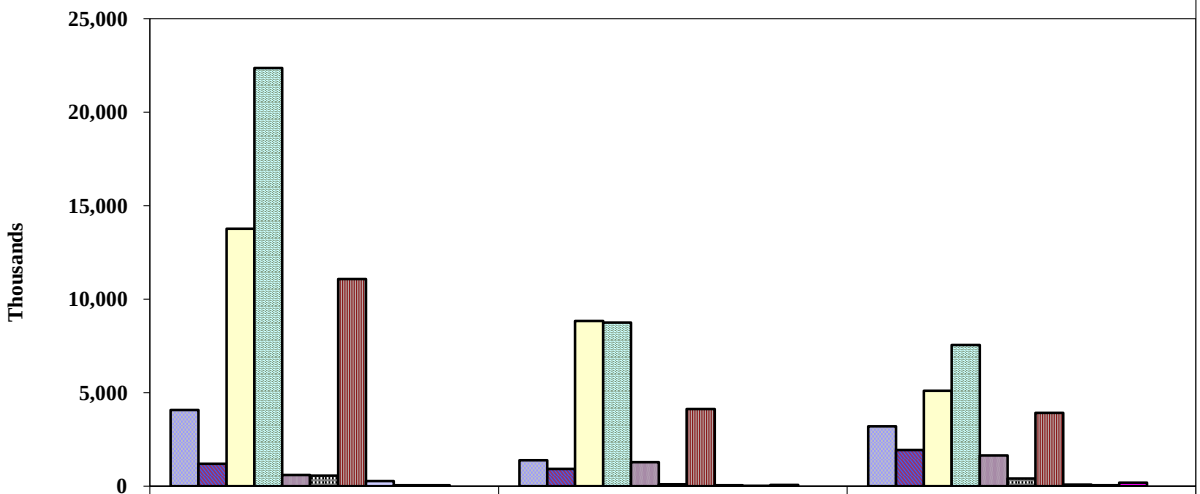
Considering the purpose of the mules, the data shows that the predominance (77.63%) was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 30.79 percent of the camels reported were kept for milk, 21.52 percent were for transportation, and only 0.96 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 15.87 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.

FIGURE III.9 DISTRIBUTION OF MAJOR LIVESTOCK TYPES BY REGION



	Cattle	Sheep	Goats
Tigray	4,065,082	1,381,622	3,191,184
Afar	1,190,166	916,353	1,935,611
Amhara	13,766,923	8,825,061	5,102,580
Oromia	22,354,053	8,748,537	7,554,869
Somali	597,427	1,281,998	1,639,080
B. Gumuz	558,551	93,131	411,503
SNNP	11,080,824	4,118,382	3,912,131
Gambella	277,050	49,934	84,229
Harari	52,832	6,395	51,039
Diredawa	47,153	67,790	178,567

3.1.4 Poultry Population

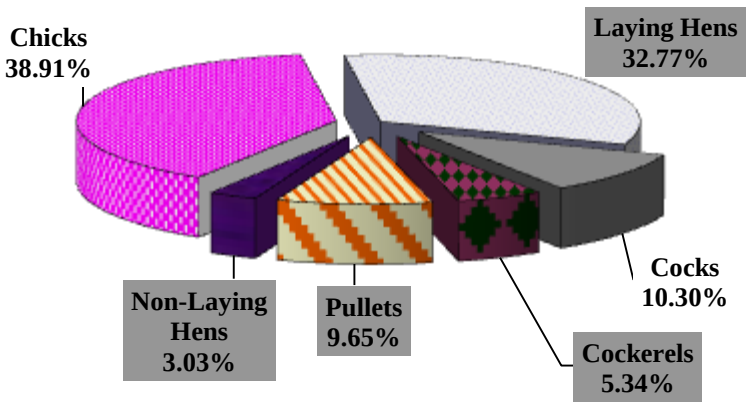
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 50.38 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (38.91 percent), followed by laying hens (32.77 percent). Pullets are estimated to be about 4.86 million in the country. Cocks and cockerels are also estimated separately, and are 5.19 million and about 2.69 million, respectively. The others are non-laying hens that make up about 3 percent (1.53 million) of the total poultry population in the country. With regard to breed, 96.9 percent,0 .54 percent and 2.56 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 - 2012/13

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry	50,377,142	100	48,815,313	96.9	271,465	0.54	1,290,364	2.56
Cocks	5,190,884	10.3	5,019,894	9.96	40,958	0.08	130,032	0.26
Cockerels	2,687,894	5.34	2,612,154	5.19	11,109	0.02	64,631	0.13
Pullets	4,863,762	9.65	4,703,986	9.34	35,030	0.07	124,746	0.25
Non-Laying Hens	1,525,680	3.03	1,481,920	2.94	10,557	0.02	33,204	0.07
Chicks	19,602,682	38.91	19,144,542	38	25,072	0.05	433,067	0.86
Laying Hens	16,506,239	32.77	15,852,818	31.47	148,737	0.3	504,684	1

FIGURE III.10 DISTRIBUTION OF POULTRY BY TYPE



3.1.5 Beehive Population

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

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

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

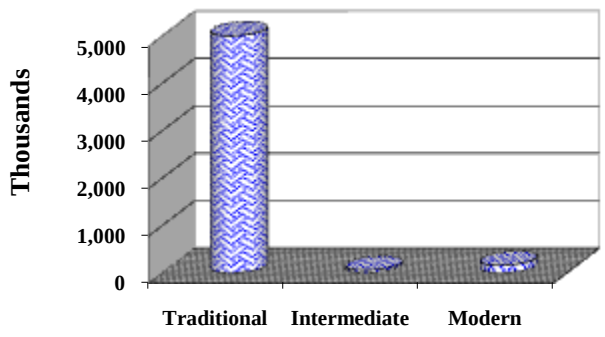
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (November 11, 2011 to November 10, 2012). Accordingly, the result of the survey revealed that a total of about 5.21 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (95.96 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type, Ethiopia - 2012/13

Type of Beehive	Number	%
All Beehives	5,207,300	100
Traditional Beehives	4,996,933	95.96
Intermediate Beehives	54,991	1.06
Modern Beehives	155,376	2.98

FIGURE III.11 DISTRIBUTION OF BEEHIVES BY TYPE



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

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

According to the survey result, about 79.05 million chickens, 11.1 million sheep, 9.74 million cattle and 9.61 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 20.29 million animals (either to build their stock or for some other reasons) and acquired about 2.11 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 - 2012/13

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle ……	9,736,395	4,713,153	5,023,242	4,041,702	2,447,200	1,594,502	722,455	284,515	437,940
Sheep……...	11,100,572	5,244,294	5,856,278	3,961,624	2,021,666	1,939,958	516,932	105,211	411,721
Goats …..……..	9,612,724	4,418,099	5,194,625	1,860,273	716,043	1,144,230	282,490	55,645	226,846
Horses……..	224,700	115,622	109,078	247,221	141,809	105,412	15,239	5,211	10,027
Donkeys ……...	598,384	303,045	295,339	694,104	405,928	288,176	32,622	11,658	20,964
Mules……	24,564	10,129	14,435	58,513	30,397	28,116	2,163	*	1,433
Camels…….	120,534	51,343	69,190	63,407	56,742	6,665	4,667	3,557	*
Poultry …….	79,054,318	38,031,227	41,023,091	9,368,135	4,024,673	5,343,462	536,032	130,660	405,372

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 12.5 million chickens, 5.99 million sheep, 5.76 million cattle and about 4.02 million goats were sold and about 18.72 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 63.77 million animals and households have also offered about 1.74 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 - 2012/13

Type of Livestock	Number of Sales			Number of Slaughters			Number of Deaths*			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle ……	5,755,743	3,485,221	2,270,523	338,150	178,411	159,739	3,663,778	1,608,326	2,055,452	602,270	239,263	363,006
Sheep……..	5,989,600	3,241,306	2,748,294	3,077,367	2,256,494	820,873	4,181,292	1,334,030	2,847,261	324,913	83,688	241,226
Goats …..……..	4,021,701	2,164,603	1,857,098	1,771,527	1,260,107	511,421	3,974,817	1,347,100	2,627,717	260,185	72,881	187,304
Horses……..	192,513	116,655	75,859				241,035	115,659	125,375	26,032	10,660	15,373
Donkeys ……...	450,969	251,527	199,442				445,311	200,057	245,254	22,415	12,477	9,938
Mules……	42,762	22,504	20,258				29,910	15,868	14,042	2,315	1,165	*
Camels…….	64,232	53,794	10,438	5,596	*	736	30,490	11,269	19,220	2,084	*	*
Poultry …….	12,502,991	6,799,741	5,703,250	13,529,922	8,341,139	5,188,783	51,199,876	22,952,128	28,247,748	502,576	156,413	346,163

* 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 3.80 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 165.12 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 1.32 liters. With regard to camel, the average lactation period is about *nine* months whereas the average daily milk yield is about 3.56 liters in the sedentary areas of the country.

3.4.2 Honey Production

To estimate honey production, number of hives, frequency of honey production and honey production per harvest are required. Therefore, these data were collected from the holders within sampled households in the rural sedentary areas of the country. As a result, the estimate of total honey production is about 45.91 million kilograms of which the greater portion is harvested from traditional hives (see Summary Table III.8).

As can be seen from the survey data, honey was harvested on average 1.61, 1.65, and 1.52 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 93.13 million (Summary Table III.8). Average egg-laying period per hen and average number of eggs laid per hen during the reference period are also estimated for local, hybrid and exotic breeds. Consequently, the average number egg-laying period per hen per year is about 4, 5 and 1 for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 21, 32 and 93 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, 27 and 87 eggs, correspondingly (see Summary Table III.8)

SUMMARY TABLE III.8: Milk, Honey, and Egg Production, Ethiopia - 2012/13

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...			1.318
Average Lactation Period (Months).....			6
Total Milk Production (Liters)			3,804,991,102.0
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			3.561
Average Lactation Period (Months).....			9
Total Milk Production (Liters)			165,117,260
Honey Production			
All Types of Beehives (Number)……..			5,207,300
Production (Kilograms).....			45,905,201
Average Frequency (Harvests/Year).....			1.61
Traditional Beehives (Number)……			4,996,933
Production (Kilograms)			41,742,903
Average Frequency (Harvests/Year).....			1.61
Intermediate Beehives (Number)…….			54,991
Production (Kilograms)			1,086,990
Average Frequency (Harvests/Year).....			1.65
Modern Beehives (Number)…….			155,376
Production (Kilograms)			3,075,308
Average Frequency (Harvests/Year).....			1.52
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year…….	4	5	-
Average Length of a Period (in days)…….	21	32	93
Average Number of Eggs/Hen/Period……	12	27	87
Total Egg Production (Number)……	85,490,740	6,218,293	1,424,152

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 - 2012/13

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax[3]	Blackleg[4]	Pleuro-Pneumonia[5]	Hemorrhagic Septicemia[6]	Others
Cattle	20,748,062	6,255,220	6,526,943	2,620,525	3,407,172	1,935,591
Sheep	4,281,540	585,305	359,702	1,100,393	1,140,884	1,046,789
Goats	4,056,717	394,462	330,179	1,567,193	1,188,662	542,359
Camels	44,247	6,798	*	11,733	*	9,665
Total	29,130,566	7,241,785	7,221,243	5,299,844	5,746,830	3,534,404

SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2012/13

Item	Number	%
Total Afflicted	45,552,783	100
Cattle	9,052,653	19.87
Sheep	4,946,543	10.86
Goats	4,454,657	9.78
Horses, Donkeys, and Mules.	1,252,784	2.75
Camels	54,639	0.12
Poultry	25,791,507	56.62
Total Treated	10,847,072	100
Cattle	5,191,125	47.86
Sheep	1,809,382	16.68
Goats	1,332,887	12.29
Horses, Donkeys, and Mules.	629,519	5.8
Camels	17,727	0.16
Poultry	1,866,431	17.21

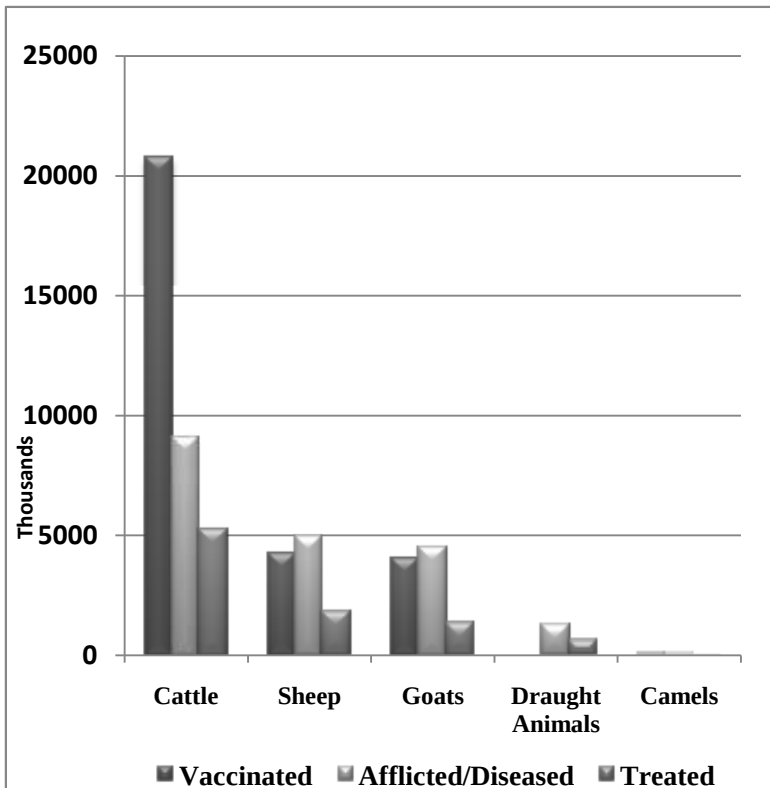
Data on these parameters specifically on numbers of vaccinated, afflicted, and treated animals were therefore collected and the results are shown in Summary Tables III.9a and III.9b. The estimated number of vaccinated animals within the reference period in the rural areas of the country is about 29.13 million. Out of these animals, about 71.22 percent were cattle followed by sheep, which took about 14.7 percent share. Goats also accounted for about 13.93 percent of the total vaccinated animals. The survey results revealed that about 44.25 thousand camels was vaccinated during the reference period.

As indicated in Summary Tabel III.9b, about 44.55 million animals were diseased / afflicted by different types of diseases during the reference period and only about 10.85 million of them were treated. The cattle constituted about 47.86 percent of the total treated

[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 couses swellings on the legs.
[5] Pleuro-pneumomia – is an infectious bacterial disease of animals mainly cattle that couses cough and fever and is transmittable to other animals easily.
[6] Hemorrhagic- septicaemia- is an infectious bacterial disease of animals.

animals in the country and substantial numbers of sheep and goats were treated as well (see Summary Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

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



3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK[7]

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 52.38 percent, reported one to four cattle and considerable portion (19.95 percent) of the holdings possess five to nine cattle. About 21.85 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

[7] 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 - 2012/13

Size	Number of Holdings	%
All Holdings……	15,479,493	100
Holdings with no Cattle…	3,382,337	21.85
1-2 Head……	4,167,116	26.92
3-4 Head……	3,941,713	25.46
5-9 Head……	3,088,701	19.95
10-19 Head……	745,221	4.81
20-49 Head……	136,344	0.88
50-99 Head……	14,284	0.09
100-199 Head……	3,156	0.02
>=200 Head……..	621	*

The result of the survey also revealed that about 21.63 percent and 15.71 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 66.45 percent and about 73.97 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 – 2012/13

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings……..	15,479,493	100	15,479,493	100
Holdings with no Sheep/Goats.	10,286,017	66.45	11,450,532	73.97
1-4 Head……..	3,347,969	21.63	2,431,836	15.71
5-9 Head……..	1,300,074	8.4	1,015,512	6.56
10-49 Head……..	529,892	3.42	550,934	3.56
50-99 Head……..	13,341	0.09	24,545	0.16
100-199 Head……..	1,756	0.01	4,668	0.03
200-499 Head……..	444	*	1,466	0.01
>=500 Head…….	-	-	-	-

With regard to drought animals, from the holdings that owned draught animals, most of them were with one to two head. About 98.66 percent, 97.91 percent, 91.87 percent, and 69.64 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 - 2012/13

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings……..	15,479,493	100	15,479,493	100	15,479,493	100	15,479,493	100
Holdings with no Animals.	14,220,602	91.87	10,779,983	69.64	15,156,135	97.91	15,271,800	98.66
1-2 Head……..	1,123,514	7.26	4,348,995	28.1	320,618	2.07	119,655	0.77
3-4 Head……..	116,789	0.75	322,355	2.08	2,219	0.01	32,978	0.21
5-9 Head……..	18,495	0.12	26,824	0.17	521	*	29,950	0.19
>= 10 Head……..	93	*	1,336	0.01	-	-	25,110	0.16

The size of poultry that most holdings reported is the one to nine size group followed by the ten to forty-nine size group. Sizeable (43.21 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry, Ethiopia - 2012/13

Size	Number of Holdings	%
All Holdings……..	15,479,493	100
Holdings with no Poultry…	6,688,892	43.21
1-9 Head…….	7,187,871	46.43
10-49 Head…….	1,600,911	10.34
50-99 Head…….	1,819	0.01
100-199 Head…….	-	-
200-499 Head…….	-	-

3.7 ANIMAL FEED

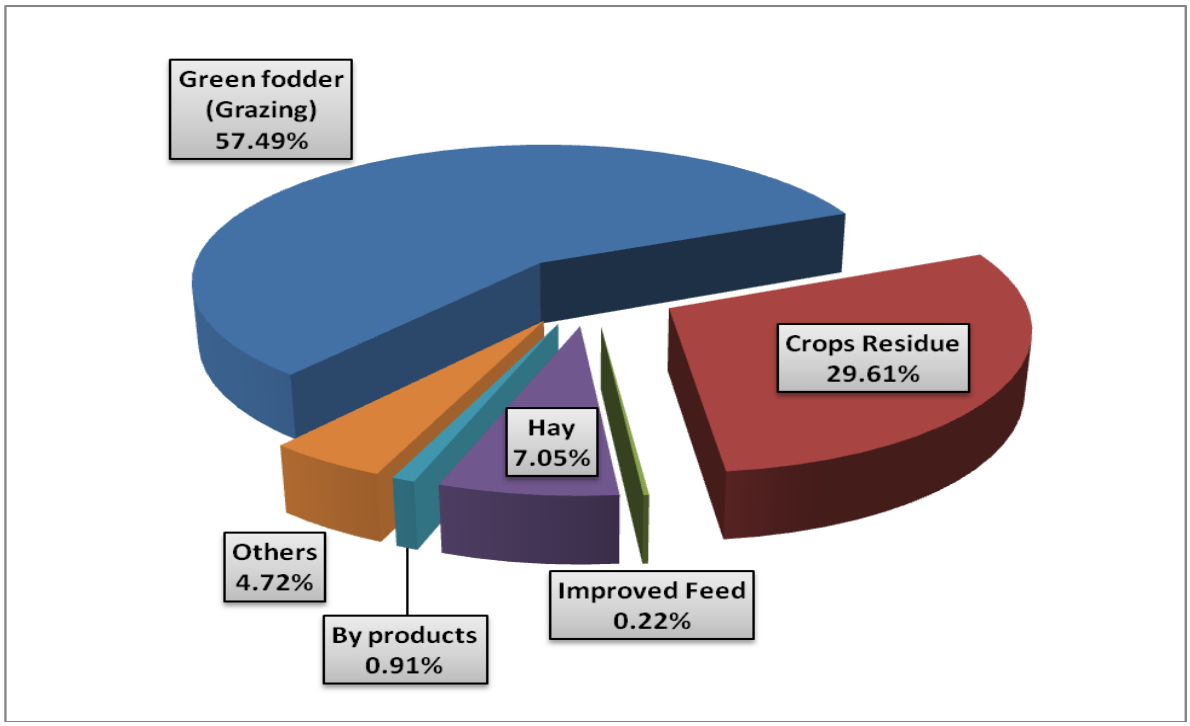
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds. *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 57.49percent) followed by crops residue that is 29.61 percent. Hay and by-products were also used as animal feeds that comprise about 7.05 and 0.91 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 0.22 percent) was used as animal feed and other types of feed that accounted for about 4.72 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2012/13

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing.....	13,338,215	57.49
Crops Residue.....	11,466,761	29.61
Improved Feed.....	189,526	0.22
Hay	4,350,585	7.05
By-products.....	1,037,810	0.91
Others	4,602,058	4.72

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 13.34 million holders have used green fodder to feed their animals. Significant number of holders (about 11.47 million) in the rural areas of the

country also reported that they used to feed crops residue for their animals. Moreover, about 4.35 million, and about 1.04 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 4.6 million) as well reported to use other types of feeds while about 189 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. Communual 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 - 2012/13

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By-products	Others
All Sources…….	13,338,215	11,466,761	189,526	4,350,585	1,037,810	4,602,058
Own Holding……	5,345,021	10,066,333	145,805	2,768,157	434,520	2,990,367
Purchased…….	225,993	180,477	15,222	670,765	531,609	705,591
Communal Holdings/Government	3,597,833	98,542	14,278	90,468	2,216	71,997
From any Two or More Sources...	3,898,963	956,843	11,106	746,598	54,259	599,380
Other Sources……..	270,405	164,566	3,115	74,597	15,206	234,723

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 138 thousand holders (lessthan 1 percent of the total holders) were involved in livestock extension packages during the reference period. More than half of these holders were involved in beef and poultry development packages. About a quarter of them were engaged in dairy development packages whereas about 11.17 percent of them have practiced honey and wax development package. Moreover, about 3.51 percent of the holders practiced at least two types of packages concurrently within the reference period.

SUMMARY TABLE III.13 Estimated Number of Holders Practiced Livestock Extension Packages during the Reference Period by Type of Package, Ethiopia – 2012/13

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total ……..	138,418	100
Dairy Development Package……..	34,065	24.61
Beef/Meat/Mutton Development Package…….	23,116	16.7
Poultry Development Package……	48,321	34.91
Honey and Wax Development Package…….	15,464	11.17
Two or More of the Packages…….	4,865	3.51
Others…….	12,587	9.09

STATISTICAL TABLES PRESENTING RESULTS AT ZONE AND REGION LEVEL

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

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Ethiopia	53,990,061	25,489,204	24,060,792	1,907,047	350,026	6,748,357	915,518	50,377,142	5,207,300
Tigray	4,065,082	1,381,622	3,191,184	2,412	4,690	692,179	52,541	5,242,699	229,626
North West Tigray	1,436,922	118,247	1,194,801	-	557	163,638	14,929	1,557,283	46,175
Central Tigray	751,696	322,860	1,006,957	-	824	185,966	3,762	1,307,969	71,192
Eastern Tigray	418,666	601,412	217,262	443	717	113,680	-	763,542	49,374
Southern Tigray	715,973	295,360	402,218	914	1,707	173,030	26,280	922,256	41,888
Western Tigray	741,824	43,743	369,945	1,055	886	55,865	7,569	691,649	20,997
Afar	1,190,166	916,353	1,935,611	95	1,796	65,284	270,402	42,951	457
Zone 1	767,303	574,546	1,164,580	95	100	34,485	116,382	2,537	-
Zone 3	422,864	341,807	771,031	-	1,696	30,799	154,020	40,414	457
Amhara	13,766,923	8,825,061	5,102,580	417,324	134,168	2,398,190	60,576	14,610,770	1,032,927
North Gonder	2,771,701	815,716	1,251,867	27,248	9,695	376,841	3,002	3,628,832	227,463
South Gonder	1,566,375	876,075	382,383	23,531	17,182	267,333	-	1,581,841	153,746
North Wolo	872,821	862,546	501,259	35,101	12,587	198,291	10,298	1,015,569	58,352
South Wolo	1,564,091	1,948,943	720,700	86,221	29,229	380,608	13,101	1,662,389	112,656
North Shewa	1,323,720	1,644,881	732,433	40,083	12,912	357,383	18,293	1,679,373	54,314
East Gojam	1,844,674	1,142,377	394,402	98,726	14,239	358,934	838	1,151,578	125,354
West Gojam	2,182,636	893,368	339,858	33,657	22,968	265,963	-	2,285,542	165,390
Waghamera	333,225	162,068	467,816	98	2,942	69,575	-	420,267	53,193
Awi	1,007,102	389,245	124,595	72,224	12,414	76,388	-	885,867	75,084
Oromia	278,789	86,780	164,891	436	-	43,315	14,244	265,447	6,416
Argoba Special Wereda	21,788	3,063	22,375	-	-	3,559	801	34,066	958
Oromia	22,354,053	8,748,537	7,554,869	1,108,850	152,345	2,810,612	264,175	18,850,439	2,723,783
West Wellega	1,005,827	296,593	155,054	2,772	3,955	113,441	-	1,492,250	292,680
East Wellega	925,144	220,875	146,775	2,988	4,551	84,711	-	794,484	176,532
Illubabor	1,106,785	412,020	224,989	52,277	16,550	36,604	-	1,121,694	482,357
Jimma	2,214,385	870,764	345,105	89,656	17,190	73,917	-	1,496,886	450,047
West Shewa	2,015,696	841,001	392,473	131,487	8,245	212,712	-	1,450,265	217,718
North Shewa	1,507,349	1,126,029	234,652	95,051	3,919	244,823	-	855,166	64,783
East Shewa	1,090,091	319,598	568,761	10,644	7,039	284,583	6,818	1,250,059	14,627
Arsi	2,467,531	1,374,425	683,053	216,832	27,273	396,233	59,383	2,233,963	107,734
West Harerghe	980,914	175,269	704,732	-	4,263	218,419	30,893	1,260,059	69,124
East Harerghe	1,057,948	359,341	916,571	345	1,633	261,985	37,547	1,388,785	45,535
Bale	1,521,621	307,776	772,723	76,833	23,251	223,336	21,782	830,568	139,306
Borena	1,048,909	396,819	989,691	840	2,726	73,224	62,789	556,466	98,829
South West Shewa	1,111,401	411,216	308,121	55,047	7,170	195,043	-	1,062,629	98,118
Guji	1,282,354	379,420	488,466	129,778	12,541	74,477	44,964	828,478	197,149
West Arsi	1,897,896	835,224	353,223	197,112	3,267	208,118	-	1,064,958	65,379
Kelem Wellega	481,041	234,042	111,203	10,569	4,822	41,093	-	679,876	108,403
Horoguduru Wellega	639,162	188,125	159,278	36,619	3,951	67,892	-	483,853	95,460

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	MULES	DONKEYS	CAMELS	POULTRY	BEEHIVES
Somale	597,427	1,281,998	1,639,080	58	175	130,730	260,695	159,293	2,143
Shinele	21,627	59,482	194,362	-	-	9,256	12,333	5,010	22
Jijiga	368,156	972,528	747,685	-	-	70,913	87,835	14,331	2,121
Liben	207,645	249,988	697,033	58	175	50,561	160,527	139,952	-
Benshangul-Gumuz	558,551	93,131	411,503	1,207	2,532	64,679	-	1,305,785	259,664
Metekel	444,595	54,168	160,879	1,207	2,375	29,766	-	547,136	81,128
Asosa	71,351	19,997	162,097	-	91	25,877	-	540,930	115,471
Kemeshi	32,034	9,393	64,873	-	66	6,547	-	144,751	19,761
Mao Komo	10,571	9,574	23,654	-	-	2,489	-	72,968	43,305
SNNP	11,080,824	4,118,382	3,912,131	376,627	54,212	558,990	-	9,732,061	870,544
Gurage	956,577	358,840	125,794	63,281	3,614	81,489	-	668,843	48,912
Hadiya	821,370	240,725	148,705	30,725	5,319	89,108	-	932,568	65,961
Kembata Tembaro	351,151	105,824	55,341	9,367	2,093	26,274	-	399,220	31,925
Sidama	2,096,120	430,490	236,416	68,388	1,189	54,093	-	1,532,589	88,728
Gedio	107,738	167,520	8,033	18,889	4,259	3,834	-	237,696	36,887
Wolayita	762,684	182,480	129,475	254	1,664	40,385	-	886,674	47,527
South Omo	1,593,195	842,712	1,774,657	12,791	5,678	28,716	-	628,764	107,619
Shaka	137,286	64,201	21,632	8,258	1,024	2,736	-	152,078	67,081
Kaffa	917,793	449,008	264,122	71,159	8,853	1,477	-	918,824	125,330
Gamo Gofa	1,326,114	473,753	336,439	37,586	8,387	46,059	-	1,126,176	78,936
Bench Maji	323,737	130,384	77,439	8,243	1,434	1,325	-	426,096	51,495
Yem Sp. Wereda	67,751	30,544	28,903	856	58	3,688	-	50,782	9,799
Dawro	325,871	105,335	67,803	5,543	5,704	1,994	-	208,971	29,376
Basketo Sp. Wereda	48,331	20,075	12,973	401	627	967	-	57,841	4,217
Konta Sp. Wereda	101,133	24,393	20,077	2,177	446	763	-	104,771	6,079
Silte	563,734	282,338	170,460	32,292	2,439	98,807	-	736,154	28,177
Alaba Sp. Wereda	167,188	49,712	64,814	4,123	550	38,947	-	215,810	7,115
Segen People	413,049	160,047	369,048	2,296	873	38,328	-	448,205	35,377
Gambela region	277,050	49,934	84,229	474	78	467	-	298,849	86,300
Agnuwak	28,456	1,348	19,254	-	-	417	-	104,561	51,800
Nuware	212,633	41,417	58,783	-	-	-	-	110,762	-
Mezhenger	20,860	6,042	2,255	474	78	49	-	48,859	34,489
Itang Special	15,101	1,126	3,936	-	-	-	-	34,667	10
Harari	52,832	6,395	51,039	-	30	11,110	1,503	50,589	854
Hundene	52,832	6,395	51,039	-	30	11,110	1,503	50,589	854
Dire Dawa	47,153	67,790	178,567	-	-	16,118	5,624	83,706	1,003

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	53,990,061	2550699	1,972,274	3964671	14,848,521	697,727	2,722,044	2,150,021	4,904,960	19,509,262	669,883
Tigray	4,065,082	195,270	142,168	295,396	1,207,819	93,253	217,551	162,795	337,759	1,337,327	75,744
North West Tigray	1,436,922	72,419	61,289	102,830	339,776	27,972	78,224	68,468	134,879	515,395	35,671
Central Tigray	751,696	25,272	18,440	48,149	300,987	30,668	28,753	21,579	48,922	219,973	8,953
Eastern Tigray	418,666	18,215	13,597	36,276	145,346	6,391	21,810	16,144	34,847	121,149	4,892
Southern Tigray	715,973	31,681	23,114	52,549	250,253	16,682	35,447	25,228	54,107	217,629	9,284
Western Tigray	741,824	47,683	25,728	55,593	171,457	11,540	53,318	31,376	65,005	263,182	16,944
Afar	1,190,166	67,211	39,272	49,694	103,588	*	105,573	81,948	149,324	585,432	6,317
Zone 1	767,303	43,782	24,768	25,022	68,234	*	67,509	48,379	84,981	399,586	*
Zone 3	422,864	23,429	14,504	24,672	35,354	*	38,063	33,568	64,343	185,846	*
Amhara	13,766,923	557,524	442,452	1,044,531	4,692,609	321,049	595,902	431,423	1,078,611	4,397,253	205,569
North Gonder	2,771,701	131,639	95,664	198,925	820,527	38,731	141,339	94,060	248,671	964,479	37,667
South Gonder	1,566,375	64,795	46,921	121,141	540,949	49,624	69,092	53,829	122,521	478,309	19,195
North Wolo	872,821	37,975	39,918	73,885	276,143	8,561	43,228	36,423	66,564	283,104	7,020
South Wolo	1,564,091	75,991	55,838	126,246	569,825	15,316	83,604	43,995	120,258	460,368	12,648
North Shewa	1,323,720	42,677	33,766	96,281	574,499	23,644	41,979	39,229	98,625	368,487	4,534
East Gojam	1,844,674	58,670	53,145	139,604	676,234	88,087	56,156	44,860	118,242	570,091	39,584
West Gojam	2,182,636	71,576	67,900	158,583	752,721	77,521	82,457	73,064	158,680	677,331	62,804
Waghamera	333,225	13,755	9,539	24,177	102,352	5,748	14,526	10,316	29,718	119,762	3,331
Awi	1,007,102	46,382	30,308	82,016	285,622	12,008	46,807	26,868	87,556	372,575	16,960
Oromia	278,789	12,990	8,637	21,924	86,419	1,653	15,773	8,024	25,848	95,835	1,686
Argoba S. W.	21,788	1,073	816	1,750	7,317	155	941	756	1,929	6,911	140
Oromia	22,354,053	1,083,656	787,970	1,715,787	6,321,578	235,794	1,126,745	874,497	2,029,784	7,954,647	223,595
West Wellega	1,005,827	34,768	40,044	74,241	287,480	2,240	42,966	35,282	80,461	403,988	4,356
East Wellega	925,144	32,449	42,897	72,334	260,558	8,298	38,847	45,618	80,733	329,707	13,702
Illubabor	1,106,785	55,769	50,109	84,170	307,944	3,261	52,495	57,253	96,988	392,606	6,190
Jimma	2,214,385	103,673	88,780	172,921	679,861	*	88,734	85,895	201,259	778,711	9,316
West Shewa	2,015,696	88,363	70,626	170,650	605,298	38,788	96,920	77,049	183,227	649,927	34,848
North Shewa	1,507,349	64,514	43,407	119,786	487,029	26,896	66,502	49,728	127,434	503,443	18,610
East Shewa	1,090,091	30,105	32,645	69,287	423,086	46,245	34,487	30,300	82,442	322,961	18,532
Arsi	2,467,531	126,360	62,490	174,872	812,060	30,915	138,615	80,157	215,240	807,006	19,816
West Harerghe	980,914	49,837	35,446	90,336	290,456	-	53,276	36,267	97,823	320,041	7,431
East Harerghe	1,057,948	62,196	41,144	135,694	153,961	-	62,157	40,252	144,189	407,794	10,561
Bale	1,521,621	74,936	54,641	99,962	446,359	7,817	85,808	65,306	139,335	531,156	16,301
Borena	1,048,909	71,914	34,128	51,388	177,463	*	88,662	40,542	85,830	490,307	6,292
South West Shewa	1,111,401	37,991	35,246	97,404	391,944	35,287	32,970	41,619	90,549	332,619	15,773
Guji	1,282,354	85,446	45,737	95,041	240,611	*	79,064	59,157	122,767	547,724	6,090
West Arsi	1,897,896	130,764	62,596	125,233	379,550	13,866	128,225	77,711	192,372	763,312	24,268
Kelem Wellega	481,041	16,961	22,979	32,886	172,621	*	17,281	24,608	35,400	151,966	*
Horoguduru Wellega	639,162	17,611	25,056	49,581	205,296	11,821	19,736	27,752	53,733	221,379	7,196

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	597,427	47,413	24,802	37,169	77,695	*	51,292	32,383	49,180	273,334	3,793
Shinele	21,627	1,494	972	1,793	2,542	-	1,590	1,020	1,689	10,438	*
Jijiga	368,156	30,262	17,246	26,197	48,755	*	30,121	23,041	30,060	158,565	3,541
Liben	207,645	15,657	6,584	9,179	26,398	-	19,580	8,322	17,431	104,331	*
Benshangul-Gumuz	558,551	25,624	26,003	41,987	157,887	4,111	23,879	24,054	47,054	203,781	4,172
Metekel	444,595	21,549	19,551	33,437	128,619	4,111	18,851	19,677	36,077	158,655	4,068
Asosa	71,351	2,195	4,482	5,112	18,281	-	3,002	2,305	6,374	29,517	*
Kemeshi	32,034	1,368	1,422	2,637	7,842	-	1,731	1,664	3,552	11,817	-
Mao Komo	10,571	512	548	801	3,145	-	295	408	1,051	3,792	*
SNNP	11,080,824	556,196	490,001	751,125	2,238,331	40,285	578,059	519,771	167,584	4,593,487	145,985
Gurage	956,577	42,810	40,918	62,786	149,401	6,628	42,919	41,299	121,529	432,529	15,757
Hadiya	821,370	38,113	29,206	58,991	205,056	2,382	42,215	29,850	71,905	338,724	4,928
Kembata Tembaro	351,151	15,099	12,169	21,375	70,976	1,096	20,699	15,067	32,030	158,562	4,079
Sidama	2,096,120	151,395	101,914	111,487	99,988	*	154,571	95,392	256,919	1,081,009	38,178
Gedio	107,738	2,023	5,314	12,007	34,232	-	1,770	4,110	11,046	36,849	*
Wolayita	762,684	48,183	30,160	63,372	154,683	*	45,304	28,568	68,191	314,429	9,295
South Omo	1,593,195	57,847	70,903	103,843	358,470	*	63,525	82,494	182,496	595,525	*
Shaka	137,286	6,756	8,304	13,266	26,640	*	8,042	8,354	13,259	52,069	536
Kaffa	917,793	43,120	47,337	67,019	222,356	*	53,460	54,126	91,600	334,170	3,579
Gamo Gofa	1,326,114	61,989	63,159	99,975	310,260	*	55,618	63,865	135,965	532,250	2,385
Bench Maji	323,737	17,356	13,317	22,576	85,079	*	15,715	17,207	32,732	119,111	536
Yem Sp. Wereda	67,751	1,629	2,259	4,729	24,909	*	2,462	2,744	4,452	24,179	*
Dawro	325,871	16,548	16,303	25,830	67,771	*	18,427	18,539	34,745	126,015	1,174
Basketo Sp. Wereda	48,331	1,822	1,886	3,593	14,001	*	1,866	2,209	4,351	18,314	153
Konta Sp. Wereda	101,133	4,660	4,974	9,372	26,054	-	6,156	4,978	10,012	34,821	*
Silte	563,734	21,527	22,781	33,566	171,623	*	21,492	30,884	54,673	201,711	*
Alaba Sp. Wereda	167,188	7,408	7,173	7,607	56,553	*	6,886	7,986	12,021	60,711	325
Segen People	413,049	17,913	11,925	29,731	160,281	1,032	16,931	12,100	29,657	132,509	970
Gambela Region	277,050	12,979	15,175	17,606	33,309	1,062	16,932	18,937	32,569	125,129	3,353
Angnuwak	28,456	958	1,486	2,233	12,642	-	1,050	1,407	1,419	7,119	*
Nuware	212,633	10,218	11,081	12,683	17,381	*	13,582	14,581	26,228	102,941	2,984
Mezhenger	20,860	1,164	2,032	1,269	1,479	-	1,606	2,090	2,128	9,062	*
Itang Special	15,101	639	576	*	1,807	*	694	858	*	6,007	*
Harari	52,832	2,510	2,539	5,408	7,898	-	3,370	2,182	6,344	21,845	736
Hundene	52,832	2,510	2,539	5,408	7,898	-	3,370	2,182	6,344	21,845	736
Dire Dawa	47,153	2,317	1,891	5,968	7,807	-	2,742	2,032	6,751	17,026	620

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

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Ethiopia	25,489,204	3,269,853	1,074,451	947,917	1,444,710	3,529,061	1,483,911	1,727,373	12,011,928
Tigray	1,381,622	154,558	64,885	54,622	77,576	160,204	94,244	116,237	659,295
North West Tigray	118,247	11,251	4,738	3,887	*	7,688	8,894	11,523	64,763
Central Tigray	322,860	26,199	16,699	23,580	23,228	31,478	26,982	32,425	142,269
Eastern Tigray	601,412	74,205	26,623	17,072	27,854	77,691	37,179	45,273	295,515
Southern Tigray	295,360	38,177	14,551	7,603	17,996	38,541	18,737	22,852	136,903
Western Tigray	43,743	4,725	2,274	*	2,996	4,807	2,452	*	19,845
Afar	916,353	65,563	37,238	41,700	54,026	89,659	83,691	110,238	434,238
Zone 1	574,546	42,136	22,563	22,877	29,611	55,197	51,132	65,513	285,518
Zone 3	341,807	23,427	14,674	18,823	24,415	34,462	32,559	44,725	148,720
Amhara	8,825,061	1,108,369	344,375	347,510	514,342	1,168,601	476,411	531,854	4,333,599
North Gonder	815,716	87,698	26,928	30,031	37,613	106,241	54,040	67,634	405,531
South Gonder	876,075	120,606	31,740	19,912	29,385	122,709	49,198	49,867	452,658
North Wolo	862,546	103,406	28,978	29,632	63,785	107,783	37,350	53,155	438,457
South Wolo	1,948,943	243,417	86,662	101,215	182,815	254,162	71,210	90,458	919,003
North Shewa	1,644,881	197,287	66,679	77,877	124,185	230,482	83,313	105,583	759,474
East Gojam	1,142,377	159,084	32,393	32,866	29,228	151,734	93,646	74,453	568,971
West Gojam	893,368	123,707	41,969	32,825	19,777	116,946	51,206	51,413	455,525
Waghamera	162,068	9,532	7,595	6,955	15,760	15,965	12,491	15,964	77,807
Awi	389,245	52,448	17,277	10,190	6,453	52,241	20,389	19,694	210,554
Oromia	86,780	10,866	4,007	5,962	5,142	10,074	3,391	3,422	43,917
Argoba Special	3,063	319	*	43	199	262	*	*	1,701
Oromia	8,748,537	1,330,094	368,629	260,019	348,660	1,400,711	483,191	525,856	4,031,377
West Wellega	296,593	47,304	18,888	10,402	7,935	47,121	19,114	24,770	121,059
East Wellega	220,875	40,186	15,029	7,611	3,955	36,571	15,784	13,152	88,586
Illubabor	412,020	66,162	17,801	9,758	9,284	71,210	22,637	27,537	187,632
Jimma	870,764	138,780	31,107	30,212	18,937	137,416	35,105	35,766	443,440
West Shewa	841,001	131,787	26,655	25,542	18,748	145,961	39,144	46,673	406,491
North Shewa	1,126,029	183,009	40,399	29,364	41,010	189,416	38,008	58,722	546,100
East Shewa	319,598	46,467	15,290	8,314	12,005	45,358	20,339	22,588	149,237
Arsi	1,374,425	221,956	58,294	40,546	63,971	229,266	95,442	82,710	582,240
West Harerghe	175,269	22,437	7,188	2,009	3,528	26,318	11,879	10,583	91,327
East Harerghe	359,341	41,909	16,479	17,121	21,840	45,587	17,646	25,916	172,843
Bale	307,776	48,575	15,061	7,523	12,159	50,145	22,558	22,612	129,142
Borena	396,819	42,314	14,841	11,491	39,908	50,261	24,549	32,881	180,574
South West Shewa	411,216	62,162	19,353	18,178	22,669	63,854	21,801	21,254	181,945
Guji	379,420	45,667	19,310	12,989	16,789	58,605	26,182	22,917	176,962
West Arsi	835,224	118,748	33,350	20,261	41,967	130,182	47,453	51,301	391,963
Kelem Wellega	234,042	41,005	10,814	4,611	8,576	42,188	15,114	15,285	96,450
Horoguduru Wellega	188,125	31,627	8,768	4,088	5,379	31,253	10,436	11,189	85,384

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	1,281,998	97,332	60,899	68,286	152,803	134,570	91,172	133,343	543,594
Shinele	59,482	4,405	3,507	2,715	6,435	5,438	4,029	5,394	27,561
Jijiga	972,528	68,887	45,915	56,849	120,153	98,488	68,455	113,976	399,804
Liben	249,988	24,039	11,478	8,722	26,215	30,644	18,689	13,972	116,229
Benshangul-Gumuz	93,131	14,992	5,469	2,291	5,242	14,395	5,698	6,018	39,027
Metekel	54,168	8,800	3,303	1,366	3,210	8,686	2,938	3,255	22,611
Asosa	19,997	2,614	925	625	1,112	2,872	1,872	1,717	8,260
Kemeshi	9,393	1,815	773	*	422	1,281	*	500	4,100
Mao komo	9,574	1,763	467	202	498	1,556	486	546	4,056
SNNP	4,118,382	484,894	186,400	168,044	286,133	545,987	240,886	291,031	1,915,008
Gurage	358,840	54,107	5,676	9,572	13,944	65,356	15,419	22,892	171,874
Hadiya	240,725	29,459	10,729	6,658	12,168	35,036	15,348	13,241	118,086
Kembata Tembaro	105,824	11,063	5,938	7,759	10,434	11,205	3,933	9,629	45,864
Sidama	430,490	59,892	21,025	14,894	9,831	62,866	20,253	30,574	211,156
Gedio	167,520	18,366	10,443	7,057	10,788	22,498	11,662	5,800	80,905
Wolayita	182,480	24,737	11,797	8,259	2,482	28,243	12,360	17,794	76,809
South Omo	842,712	55,488	40,335	*	126,367	75,298	56,480	68,851	363,141
Shaka	64,201	9,426	3,835	2,391	3,060	11,849	2,977	2,862	27,801
Kaffa	449,008	71,357	14,741	7,944	13,376	75,154	25,234	24,074	217,129
Gamo Gofa	473,753	50,706	17,418	17,135	27,798	54,890	28,329	43,766	233,711
Bench Maji	130,384	18,407	6,343	3,350	6,291	17,840	7,165	7,038	63,951
Yem Sp. Wereda	30,544	4,483	1,277	461	630	4,950	1,852	1,595	15,297
Dawro	105,335	15,284	6,247	4,991	4,764	15,654	7,256	8,888	42,250
Basketo Sp. Wereda	20,075	2,391	764	546	868	2,858	749	1,670	10,230
Konta Sp. Wereda	24,393	3,189	2,112	1,509	3,020	2,612	1,193	1,610	9,148
Silte	282,338	33,749	19,164	12,292	11,054	38,754	19,906	20,354	127,065
Alaba Sp. Wereda	49,712	7,282	2,931	627	1,458	6,993	3,544	1,731	25,147
Segen People	160,047	15,508	5,625	5,848	27,801	13,931	7,226	8,663	75,445
Gambela Region	49,934	5,344	2,938	2,533	3,595	6,265	3,887	5,244	20,128
Angnuwak	*	*	*	*	*	*	*	*	346
Nuware	41,417	4,114	1,965	1,677	3,019	5,213	3,392	4,417	17,622
Mezhenger	6,042	990	739	565	269	780	409	589	1,701
Itang Special	*	*	*	*	*	*	*	*	*
Harari	6,395	741	356	269	339	611	690	434	2,955
Hundene	6,395	741	356	269	339	611	690	434	2,955
Dire Dawa	67,790	7,966	3,263	2,643	1,995	8,059	4,040	7,117	32,707

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	24,060,792	2,786,977	1,189,112	1,039,124	1,948,077	3,065,458	1,624,507	1,978,891	10,428,645
Tigray	3,191,184	300,931	179,996	157,349	241,905	340,277	261,715	322,187	1,386,824
North West Tigray	1,194,801	106,036	71,245	59,042	67,697	140,815	121,158	147,409	481,398
Central Tigray	1,006,957	82,018	53,654	62,655	106,886	73,664	67,710	86,639	473,732
Eastern Tigray	217,262	24,747	13,131	7,751	13,471	21,363	14,476	16,668	105,656
Southern Tigray	402,218	42,074	19,308	14,694	31,922	51,165	30,360	39,340	173,355
Western Tigray	369,945	46,056	22,657	13,208	21,930	53,270	28,011	32,130	152,683
Afar	1,935,611	117,327	75,327	83,089	99,467	189,267	169,554	272,891	928,688
Zone 1	1,164,580	68,153	44,972	46,694	55,397	111,024	110,829	172,658	554,853
Zone 3	771,031	49,174	30,355	36,395	44,070	78,243	58,726	100,233	373,836
Amhara	5,102,580	682,984	262,651	237,215	464,513	687,567	316,985	358,832	2,091,831
North Gonder	1,251,867	205,246	58,549	46,102	66,295	195,707	92,248	104,145	483,575
South Gonder	382,383	47,068	20,140	13,730	37,195	47,337	18,593	24,142	174,177
North Wolo	501,259	64,415	20,969	22,362	49,838	69,033	26,982	32,161	215,499
South Wolo	720,700	89,834	35,171	28,622	87,739	84,116	29,288	46,462	319,469
North Shewa	732,433	86,488	41,571	64,305	101,134	88,766	41,401	52,020	256,749
East Gojam	394,402	49,249	20,422	13,876	37,905	53,301	28,259	24,022	167,368
West Gojam	339,858	57,293	23,583	14,707	19,484	52,915	24,019	19,985	127,873
Waghamera	467,816	33,563	26,168	19,925	45,622	44,164	40,797	41,054	216,522
Awi	124,595	22,300	7,181	6,516	9,878	22,451	6,559	4,324	45,386
Oromia	164,891	24,328	7,773	5,914	8,096	26,478	7,674	9,083	75,546
Argoba Special	22,375	3,200	1,126	1,156	1,328	3,301	1,164	1,434	9,666
Oromia	7,554,869	1,064,889	377,613	290,355	431,482	1,124,745	465,521	531,109	3,269,155
West Wellega	155,054	35,101	5,972	2,378	3,207	28,193	8,847	13,825	57,531
East Wellega	146,775	27,740	8,860	7,589	7,183	27,394	6,556	10,757	50,697
Illubabor	224,989	41,469	10,767	6,701	4,521	43,743	12,697	20,044	85,048
Jimma	345,105	56,506	18,598	7,766	6,892	65,785	16,649	14,476	158,434
West Shewa	392,473	62,773	24,286	22,875	17,780	68,160	27,197	31,226	138,176
North Shewa	234,652	35,232	9,926	8,745	21,374	40,319	13,193	17,076	88,787
East Shewa	568,761	75,230	26,334	22,207	27,477	86,303	37,031	40,855	253,324
Arsi	683,053	84,104	29,165	18,876	45,964	103,514	37,918	43,239	320,274
West Harerghe	704,732	85,044	34,352	27,041	30,684	101,279	42,252	48,323	335,757
East Harerghe	916,571	129,128	50,439	55,004	53,037	110,384	53,937	69,611	395,032
Bale	772,723	114,368	40,758	22,136	49,586	112,447	48,349	41,829	343,250
Borena	989,691	97,901	41,140	36,993	87,855	113,740	58,717	75,973	477,371
South West Shewa	308,121	43,847	20,747	14,313	18,561	51,634	19,193	22,810	117,016
Guji	488,466	60,901	25,789	21,868	38,529	67,856	36,743	47,469	189,311
West Arsi	353,223	66,292	14,339	8,904	9,517	52,883	28,786	20,258	152,244
Kelem Wellega	111,203	17,786	5,664	3,905	3,247	19,872	8,725	7,036	44,968
Horoguduru Wellega	159,278	31,468	10,478	3,054	6,068	31,242	8,731	6,301	61,935

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	1,639,080	130,207	74,563	71,027	181,418	176,442	117,698	141,595	746,129
Shinele	194,362	12,060	9,654	9,016	19,872	17,096	14,467	20,850	91,347
Jijiga	747,685	60,107	33,073	35,897	88,039	79,758	56,530	76,579	317,701
Liben	697,033	58,040	31,836	26,114	73,507	79,589	46,701	44,165	337,080
Benshangul-Gumuz	411,503	56,638	21,504	13,691	18,858	58,781	33,814	34,815	173,401
Metekel	160,879	26,258	9,701	5,677	7,047	23,614	12,733	7,676	68,174
Asosa	162,097	17,089	6,823	5,275	8,265	22,739	13,884	19,807	68,214
Kemeshi	64,873	9,556	3,547	2,211	2,982	9,163	5,889	5,412	26,114
Mao Komo	23,654	3,735	1,434	527	565	3,264	1,309	1,920	10,900
SNNP	3,912,131	400,355	179,035	172,552	492,441	451,184	232,771	286,422	1,697,371
Gurage	125,794	21,364	4,475	4,920	7,001	20,865	5,676	9,064	52,429
Hadiya	148,705	23,481	7,143	4,530	6,609	19,681	8,286	9,723	69,252
Kembata Tembaro	55,341	6,484	2,274	1,495	2,681	7,930	4,390	4,727	25,361
Sidama	236,416	32,937	14,192	11,857	13,114	34,880	14,902	19,521	95,012
Gedio	8,033	1,327	756	*	*	*	*	*	3,551
Wolayita	129,475	17,841	6,737	4,337	3,034	20,202	8,436	16,297	52,591
South Omo	1,774,657	99,076	76,984	96,138	360,922	141,555	103,221	140,573	756,188
Shaka	21,632	3,170	1,259	566	1,501	3,714	1,455	1,031	8,936
Kaffa	264,122	45,442	9,242	7,150	4,440	50,874	11,427	14,306	121,241
Gamo Gofa	336,439	51,607	17,879	14,468	18,041	40,857	24,771	25,002	143,813
Bench Maji	77,439	10,301	4,514	1,881	3,705	13,036	5,856	4,055	34,092
Yem Sp. Wereda	28,903	5,234	983	272	567	3,978	1,911	1,470	14,487
Dawro	67,803	10,024	4,845	3,102	2,065	12,173	5,349	4,734	25,513
Basketo Sp. Wereda	12,973	1,718	677	523	1,047	1,502	1,145	549	5,812
Konta Sp. Wereda	20,077	2,997	1,127	514	1,210	3,197	1,737	1,812	7,483
Silte	170,460	22,698	7,439	3,857	11,184	28,609	11,587	7,609	77,477
Alaba Sp. Wereda	64,814	9,675	2,692	1,814	2,895	11,903	3,239	3,514	29,081
Segen People	369,048	34,980	15,817	14,770	51,880	35,431	18,859	22,260	175,053
Gambela Region	84,229	9,479	4,863	3,796	5,640	11,439	7,504	8,755	32,754
Angnuwak	19,254	2,378	1,241	746	980	2,950	1,674	2,265	7,020
Nuware	58,783	6,487	2,987	2,514	3,890	7,797	5,357	5,929	23,822
Mezhenger	2,255	291	414	275	*	213	140	204	555
Itang Special	3,936	323	222	*	607	478	334	357	1,356
Harari	51,039	5,978	3,215	2,439	3,028	5,919	3,600	4,229	22,631
Hundene	51,039	5,978	3,215	2,439	3,028	5,919	3,600	4,229	22,631
Dire Dawa	178,567	18,189	10,345	7,612	9,324	19,836	15,345	18,056	79,860

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

Geographic Area	HORSES AND DONKEYS									
		HORSES					DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
	ALL HORSES	< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more	ALL DONKEYS	< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	1,907,047	188,941	752,925	194,684	770,497	6,748,357	773,962	2,371,789	784,337	2,818,268
Tigray	2,412	*	*	*	*	692,179	80,875	285,951	77,397	247,956
North West Tigray	-	-	-	-	-	163,638	21,069	50,183	17,936	74,451
Central Tigray	-	-	-	-	-	185,966	19,466	76,016	22,222	68,262
Eastern Tigray	*	-	*	-	*	113,680	14,455	49,757	12,577	36,891
Southern Tigray	*	*	*	-	*	173,030	21,895	73,432	21,020	56,683
Western Tigray	*	*	*	*	*	55,865	3,989	36,564	3,642	11,670
Afar	*	-	*	-	-	65,284	8,113	21,171	7,180	28,821
Zone 1	*	-	*	-	-	34,485	4,997	8,321	4,376	16,791
Zone 3	-	-	-	-	-	30,799	3,115	12,850	2,804	12,030
Amhara	417,324	37,950	131,537	40,730	207,107	2,398,190	318,060	702,865	326,798	1,050,467
North Gonder	27,248	*	8,525	*	10,761	376,841	50,991	141,940	44,658	139,252
South Gonder	23,531	*	*	-	11,173	267,333	38,433	57,601	39,358	131,941
North Wolo	35,101	3,923	8,896	4,743	17,539	198,291	33,140	42,728	30,680	91,743
South Wolo	86,221	6,994	17,117	11,053	51,057	380,608	51,110	104,058	51,462	173,978
North Shewa	40,083	3,603	6,688	8,903	20,888	357,383	39,731	140,764	38,439	138,450
East Gojam	98,726	10,579	40,525	7,122	40,499	358,934	50,183	81,881	57,322	169,548
West Gojam	*	*	6,036	*	*	265,963	32,108	64,897	42,422	126,536
Waghamera	*	-	-	-	*	69,575	7,838	30,179	6,595	24,964
Awi	72,224	4,421	32,533	4,639	30,630	76,388	9,383	27,870	9,158	29,977
Oromia	*	-	*	-	-	43,315	4,688	9,872	6,169	22,585
Argoba Special	-	-	-	-	-	3,559	455	1,074	534	1,495
Oromia	1,108,850	120,422	459,181	124,258	404,989	2,810,612	306,103	1,023,786	316,716	1,164,006
West Wellega	*	*	*	-	*	113,441	14,222	31,486	15,195	52,538
East Wellega	*	*	*	*	*	84,711	11,605	30,955	9,435	32,716
Illubabor	52,277	5,589	13,970	7,377	25,341	36,604	3,938	14,506	4,727	13,433
Jimma	89,656	9,355	35,496	13,390	31,415	73,917	5,348	35,023	8,089	25,457
West Shewa	131,487	14,217	63,469	13,508	40,292	212,712	25,941	70,962	27,266	88,543
North Shewa	95,051	12,101	25,416	17,726	39,808	244,823	39,405	58,128	36,579	110,710
East Shewa	10,644	*	9,838	*	*	284,583	26,607	118,785	25,361	113,830
Arsi	216,832	29,762	66,737	26,821	93,513	396,233	39,902	135,560	51,285	169,486
West Harerghe	-	-	-	-	-	218,419	22,696	86,424	19,191	90,109
East Harerghe	*	-	-	-	*	261,985	26,798	97,284	33,513	104,390
Bale	76,833	5,423	40,193	9,522	21,695	223,336	19,396	91,278	24,531	88,130
Borena	840	-	*	-	*	73,224	6,849	31,031	7,565	27,780
South West Shewa	55,047	4,362	38,925	2,519	9,241	195,043	22,652	71,459	17,873	83,060
Guji	129,778	12,443	59,407	8,643	49,286	74,477	7,079	32,028	6,914	28,456
West Arsi	197,112	20,637	86,584	18,104	71,787	208,118	21,948	76,682	17,070	92,418
Kelem Wellega	10,569	1,038	4,614	1,289	3,627	41,093	3,152	21,285	3,178	13,478
Horoguduru Wellega	36,619	4,334	12,764	4,860	14,661	67,892	8,567	20,909	8,944	29,473

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS									
		HORSES					DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
	ALL HORSES	< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more	ALL DONKEYS	< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Somale	*	-	*	-	-	130,730	12,634	55,569	11,004	51,522
Shinele	-	-	-	-	-	9,256	891	3,849	808	3,707
Jijiga	-	-	-	-	-	70,913	7,344	27,098	6,921	29,550
Liben	*	-	*	-	-	50,561	4,399	24,621	3,276	18,265
Benshangul-Gumuz	*	*	*	*	*	64,679	7,143	37,946	4,313	15,276
Metekel	*	*	*	*	*	29,766	2,203	21,737	713	5,112
Asosa	-	-	-	-	-	25,877	4,325	9,565	3,271	8,716
Kemeshi	-	-	-	-	-	6,547	351	5,456	*	611
Mao Komo	-	-	-	-	-	2,489	265	1,188	198	839
SNNP	376,627	30,154	160,086	29,449	156,938	558,990	38,100	233,773	38,432	248,686
Gurage	63,281	6,380	16,543	5,845	34,512	81,489	7,081	27,191	4,361	42,856
Hadiya	30,725	1,998	9,403	2,300	17,024	89,108	5,587	28,114	5,217	50,190
Kembata Tembaro	9,367	1,180	3,573	*	3,469	26,274	1,839	19,365	*	4,340
Sidama	68,388	*	32,830	4,380	27,184	54,093	*	37,187	*	11,340
Gedio	18,889	*	11,670	829	5,159	3,834	-	3,108	*	*
Wolayita	*	-	*	-	-	40,385	*	35,146	*	*
South Omo	12,791	*	5,502	*	4,981	28,716	2,819	8,221	4,350	13,327
Shaka	8,258	*	4,577	445	2,277	2,736	-	2,736	-	-
Kaffa	71,159	6,105	42,819	5,332	16,903	*	-	*	-	*
Gamo Gofa	37,586	3,288	12,694	4,464	17,140	46,059	1,189	21,496	4,939	18,435
Bench Maji	8,243	*	3,204	843	3,581	*	*	*	-	-
Yem Sp. Wereda	856	175	152	*	504	3,688	400	951	439	1,899
Dawro	5,543	354	2,378	436	2,375	1,994	*	1,327	*	497
Basketo Sp. Wereda	401	-	370	*	-	967	*	288	*	498
Konta Sp. Wereda	2,177	*	*	*	505	*	*	*	-	*
Silte	32,292	2,317	9,367	1,357	19,250	98,807	6,862	18,870	8,181	64,894
Alaba Sp. Wereda	4,123	*	2,721	*	954	38,947	3,486	6,965	4,326	24,170
Segen People	*	*	707	*	1,118	38,328	3,440	20,006	2,676	12,206
Gambela Region	474	*	422	-	-	*	*	*	-	*
Angnuwak	-	-	-	-	-	*	*	*	-	*
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	474	*	422	-	-	*	-	*	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	11,110	749	6,207	630	3,524
Hundene	-	-	-	-	-	11,110	749	6,207	630	3,524
Dire Dawa	-	-	-	-	-	16,118	2,140	4,125	1,867	7,986

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

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Ethiopia	350,026	23,681	147,138	24,247	154,960	915,518	105,317	210,722	132,064	467,415
Tigray	4,690	-	1,664	-	3,026	52,541	7,965	42,845	*	*
North West Tigray	*	-	-	-	*	14,929	*	14,189	-	-
Central Tigray	*	-	*	-	*	3,762	-	3,762	-	-
Eastern Tigray	*	-	-	-	*	-	-	-	-	-
Southern Tigray	1,707	-	*	-	1,017	26,280	*	18,137	*	*
Western Tigray	886	-	748	-	*	7,569	*	6,757	*	*
Afar	*	-	*	*	*	270,402	22,900	37,394	48,902	161,206
Zone 1	*	-	*	-	*	116,382	10,895	19,962	19,557	65,967
Zone 3	*	-	*	*	*	154,020	12,005	17,432	29,344	95,239
Amhara	134,168	14,992	44,572	14,333	60,272	60,576	8,027	52,125	*	*
North Gonder	9,695	*	3,913	*	4,483	*	*	*	-	-
South Gonder	17,182	*	*	2,295	5,603	-	-	-	-	-
North Wolo	12,587	2,190	3,351	*	5,860	10,298	*	9,938	-	-
South Wolo	29,229	*	6,193	5,743	14,175	13,101	*	12,319	-	-
North Shewa	12,912	*	4,735	*	6,037	18,293	*	17,429	-	-
East Gojam	*	*	*	*	*	*	*	-	-	-
West Gojam	22,968	*	4,302	*	14,172	-	-	-	-	-
Waghamera	2,942	-	1,465	-	1,478	-	-	-	-	-
Awi	12,414	2,117	7,485	-	2,812	-	-	-	-	-
Oromia	-	-	-	-	-	14,244	*	9,564	*	*
Argoba Special	-	-	-	-	-	801	71	731	-	-
Oromia	152,345	7,573	69,434	8,418	66,920	264,175	41,369	28,819	48,884	145,104
West Wellega	3,955	*	1,532	-	2,234	-	-	-	-	-
East Wellega	4,551	-	2,281	-	2,270	-	-	-	-	-
Illubabor	16,550	*	3,365	*	11,825	-	-	-	-	-
Jimma	17,190	*	3,566	*	10,647	-	-	-	-	-
West Shewa	8,245	*	3,112	*	3,398	-	-	-	-	-
North Shewa	3,919	*	*	*	1,565	-	-	-	-	-
East Shewa	7,039	-	7,039	-	-	*	*	*	*	*
Arsi	27,273	1,784	14,115	2,324	9,050	*	*	*	*	*
West Harerghe	4,263	*	2,410	-	1,687	30,893	4,052	*	8,190	16,764
East Harerghe	*	-	-	-	*	37,547	8,033	*	5,896	19,858
Bale	23,251	*	13,879	*	8,856	21,782	*	4,336	*	9,473
Borena	*	-	*	-	*	62,789	10,017	10,682	9,793	32,297
South West Shewa	7,170	*	*	*	3,778	-	-	-	-	-
Guji	12,541	*	5,300	*	5,766	44,964	*	*	*	27,086
West Arsi	3,267	-	2,807	-	*	-	-	-	-	-
Kelem Wellega	4,822	*	2,849	-	1,843	-	-	-	-	-
Horoguduru Wellega	3,951	*	2,385	-	1,470	-	-	-	-	-

TABLE 3-6 CONT'D

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Somale	*	-	*	-	*	260,695	24,279	47,336	32,111	156,970
Shinele	-	-	-	-	-	12,333	1,501	3,154	1,200	6,477
Jijiga	-	-	-	-	-	87,835	9,137	17,262	12,649	48,787
Liben	*	-	*	-	*	160,527	13,640	26,920	18,262	101,705
Benshangul-Gumuz	2,532	*	1,524	-	916	-	-	-	-	-
Metekel	2,375	*	*	-	865	-	-	-	-	-
Asosa	*	-	*	-	-	-	-	-	-	-
Kemeshi	*	-	*	-	*	-	-	-	-	-
Mao komo	-	-	-	-	-	-	-	-	-	-
SNNP	54,212	1,025	29,097	1,430	22,660	-	-	-	-	-
Gurage	3,614	-	*	-	1,477	-	-	-	-	-
Hadiya	5,319	-	*	-	3,019	-	-	-	-	-
Kembata Tembaro	2,093	-	983	*	968	-	-	-	-	-
Sidama	*	-	*	-	*	-	-	-	-	-
Gedio	4,259	-	2,920	-	*	-	-	-	-	-
Wolayita	*	*	*	*	*	-	-	-	-	-
South Omo	5,678	*	2,780	*	2,509	-	-	-	-	-
Shaka	1,024	-	841	-	*	-	-	-	-	-
Kaffa	8,853	-	5,835	*	2,844	-	-	-	-	-
Gamo Gofa	8,387	-	3,482	*	4,619	-	-	-	-	-
Bench Maji	*	-	*	-	*	-	-	-	-	-
Yem Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Dawro	5,704	358	2,740	*	2,462	-	-	-	-	-
Basketo Sp. Wereda	627	*	449	-	*	-	-	-	-	-
Konta Sp. Wereda	446	-	399	-	*	-	-	-	-	-
Silte	2,439	-	1,478	*	*	-	-	-	-	-
Alaba Sp. Wereda	550	*	*	-	367	-	-	-	-	-
Segen People	873	*	619	*	*	-	-	-	-	-
Gambela Region	*	-	*	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	*	-	*	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	*	-	*	-	-	*	*	*	*	*
Hundene	*	-	*	-	-	*	*	*	*	*
Dire Dawa	-	-	-	-	-	5,624	699	2,024	909	1,992

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

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Ethiopia	34,357,783	13,205,545	359,810	632,151	651,015	6,747,005	146,752	78,158	11,207,567	1,329,780
Tigray	2,545,146	1,159,319	3,460	33,146	11,893	49,180	28,558	*	1,245,057	11,277
North West Tigray	855,170	321,665	*	14,321	*	8,404	16,145	*	485,632	*
Central Tigray	520,960	286,931	*	7,384	4,882	16,986	6,922	*	190,966	4,853
Eastern Tigray	266,495	142,125	-	2,002	1,219	5,834	974	-	114,342	-
Southern Tigray	467,882	246,898	*	1,301	*	16,155	1,538	-	196,952	*
Western Tigray	434,639	161,700	*	8,139	*	1,802	2,979	*	257,165	*
Afar	689,020	44,522	3,285	55,725	*	218,395	*	*	365,119	*
Zone 1	467,820	30,049	*	38,121	-	135,630	*	*	263,652	*
Zone 3	221,200	14,473	3,221	17,604	*	82,765	*	*	101,467	-
Amhara	9,089,862	4,433,475	45,076	59,178	154,880	288,465	72,590	18,953	3,698,747	318,498
North Gonder	1,785,006	759,014	4,894	23,155	33,464	74,693	*	3,585	804,052	74,447
South Gonder	1,019,258	519,797	*	3,980	16,701	31,234	11,536	*	408,139	26,147
North Wolo	559,247	267,434	-	972	7,736	24,589	3,366	-	247,625	7,524
South Wolo	1,030,193	562,244	*	3,337	*	68,638	7,516	*	375,647	*
North Shewa	942,986	540,294	7,465	5,046	21,694	25,036	4,699	*	304,179	31,642
East Gojam	1,246,325	642,175	10,647	5,403	18,008	11,765	9,647	*	492,952	54,448
West Gojam	1,430,052	691,831	15,458	*	33,156	13,259	12,876	6,084	569,401	75,711
Waghamera	222,114	98,362	*	2,601	*	12,772	2,389	-	101,625	2,975
Awi	658,198	260,477	5,434	1,473	18,238	*	11,767	3,134	321,551	34,452
Oromia	182,254	84,839	*	858	*	24,557	1,081	*	67,143	*
Argoba Special	14,229	7,007	*	77	193	250	*	-	6,433	217
Oromia	14,276,225	5,623,639	219,388	212,352	266,199	2,661,194	32,949	36,971	4,792,672	430,861
West Wellega	691,468	248,403	5,712	8,509	24,856	44,651	2,207	*	301,703	54,539
East Wellega	590,265	240,447	4,716	2,865	12,530	5,877	2,444	*	304,289	16,800
Illubabor	700,550	286,322	5,588	2,858	13,176	109,436	2,255	-	256,434	24,481
Jimma	1,458,572	605,205	*	*	30,110	353,513	*	*	354,895	59,916
West Shewa	1,255,225	560,385	10,401	11,200	23,312	148,969	*	3,441	465,352	26,492
North Shewa	990,472	455,472	11,770	*	11,749	172,939	*	5,423	291,724	31,148
East Shewa	746,048	401,333	4,842	7,385	9,526	87,818	*	*	212,937	18,551
Arsi	1,619,066	735,016	16,456	18,545	42,044	326,211	3,047	3,726	410,799	63,223
West Harerghe	610,497	252,236	30,085	3,930	4,205	84,341	*	1,587	227,064	6,513
East Harerghe	561,755	124,767	26,933	1,584	*	99,220	*	*	299,402	7,578
Bale	977,515	393,894	10,508	*	36,734	358,915	*	*	133,569	37,008
Borena	667,770	95,676	9,364	69,220	3,203	123,504	*	615	360,885	*
South West Shewa	724,563	371,369	4,491	2,085	13,999	92,776	*	*	221,560	13,456
Guji	788,335	187,016	9,606	41,417	2,571	223,370	*	*	310,698	12,441
West Arsi	1,142,862	314,270	19,742	24,738	20,799	403,095	*	4,718	321,263	32,240
Kelem Wellega	324,587	166,402	3,870	631	1,718	21,542	*	-	126,961	1,898
Horoguduru Wellega	426,676	185,426	2,264	2,618	14,989	*	*	*	193,137	20,006

TABLE 3-7 CONT'D

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Somale	351,029	56,705	3,628	16,882	*	128,660	*	*	141,543	2,766
Shinele	12,980	2,002	516	*	-	466	-	*	9,085	*
Jijiga	207,320	42,230	1,409	4,812	*	95,777	-	*	61,018	1,528
Liben	130,729	12,472	*	12,046	*	32,417	*	-	71,440	*
Benshangul-Gumuz	361,668	139,319	2,686	10,204	5,678	36,405	6,181	*	154,911	5,416
Metekel	287,274	113,113	2,599	8,702	4,206	23,219	2,413	*	127,827	4,676
Asosa	47,798	16,533	-	*	*	6,208	*	*	18,998	*
Kemeshi	19,660	6,678	*	*	238	5,941	*	*	5,361	*
Mao komo	6,937	2,995	-	*	-	1,037	*	-	2,724	-
SNNP	6,831,819	1,723,221	78,726	225,206	211,179	3,282,414	5,989	16,045	730,503	558,536
Gurage	581,931	125,439	*	3,856	17,926	307,198	1,457	1,512	34,585	87,778
Hadiya	543,780	176,656	*	*	27,276	262,001	-	*	11,924	64,207
Kembata Tembaro	229,538	59,942	2,306	685	8,043	117,342	-	*	4,343	36,735
Sidama	1,180,997	49,711	12,819	23,728	13,730	857,424	-	3,932	116,113	103,540
Gedio	71,080	10,180	21,426	*	*	14,725	-	4,946	16,439	*
Wolayita	469,113	124,695	*	*	27,648	235,831	*	*	6,625	71,249
South Omo	953,995	127,371	*	175,299	*	289,843	*	*	247,894	*
Shaka	78,709	24,801	1,527	*	*	38,371	*	*	12,104	*
Kaffa	556,527	210,624	8,357	2,216	1,159	217,682	-	928	110,760	4,801
Gamo Gofa	842,510	268,011	10,418	4,013	27,817	421,472	*	*	41,782	67,505
Bench Maji	204,190	79,603	*	*	-	91,352	*	439	25,952	*
Yem Sp. Wereda	49,087	21,469	811	*	2,546	9,211	*	*	11,267	3,532
Dawro	193,786	59,302	1,610	-	6,859	104,715	*	374	751	20,090
Basketo Sp. Wereda	32,314	11,890	116	*	1,876	12,153	*	-	3,618	2,449
Konta Sp. Wereda	60,874	23,013	*	*	2,652	30,584	*	*	*	3,680
Silte	373,334	160,263	*	3,319	7,854	148,559	1,400	*	34,919	15,787
Alaba Sp. Wereda	117,263	51,183	*	*	4,347	46,621	*	*	5,104	8,714
Segen People	292,790	139,069	8,798	5,272	7,142	77,331	*	-	46,111	*
Gambela Region	158,438	13,766	520	18,739	284	76,571	*	*	48,100	214
Angnuwak	19,761	12,259	*	*	-	4,965	*	*	1,847	*
Nuware	120,323	*	*	16,715	284	58,700	-	*	44,138	*
Mezhenger	10,541	1,354	*	*	-	7,341	-	-	1,673	*
Itang Special	7,814	*	-	1,717	-	*	-	-	*	-
Harari	29,743	5,665	1,696	326	*	4,163	*	*	16,442	1,151
Hundene	29,743	5,665	1,696	326	*	4,163	*	*	16,442	1,151
Dire Dawa	24,832	5,913	1,345	393	*	1,558	-	-	14,473	995

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

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	13,456,639	526,745	7,815	838,981	71,169	50,175	48,420	11,852,753	60,580
Tigray	736,871	6,365	*	64,788	6,219	1,172	-	652,249	5,874
North West Tigray	70,265	*	-	*	-	-	-	64,763	-
Central Tigray	165,497	*	-	20,920	*	519	-	139,309	2,441
Eastern Tigray	323,369	*	*	24,921	2,179	653	-	292,055	2,807
Southern Tigray	154,898	*	-	13,103	*	-	-	136,600	303
Western Tigray	22,841	*	-	1,746	*	-	-	19,522	323
Afar	488,264	7,039	*	46,360	*	4,057	979	428,023	1,179
Zone 1	315,128	1,452	*	27,828	*	342	700	284,475	-
Zone 3	173,136	5,587	*	18,532	*	3,715	279	143,548	1,179
Amhara	4,847,942	235,954	3,957	225,612	48,820	24,898	29,561	4,255,398	23,742
North Gonder	443,145	9,121	*	24,173	*	955	5,476	397,183	1,917
South Gonder	482,044	12,930	-	14,067	*	389	-	448,267	4,002
North Wolo	502,242	20,367	*	40,617	*	223	2,469	433,735	2,031
South Wolo	1,101,819	62,477	-	93,731	26,607	3,273	4,570	908,979	2,181
North Shewa	883,659	85,414	*	31,867	*	2,666	13,386	737,227	6,195
East Gojam	598,200	22,887	*	4,300	*	7,278	2,074	555,526	4,093
West Gojam	475,302	12,076	-	4,955	*	1,436	391	451,704	1,993
Waghamera	93,567	*	-	7,268	*	402	488	75,853	1,064
Awi	217,007	*	-	2,495	*	8,275	706	201,307	266
Oromia	49,059	*	-	2,021	2,691	-	-	43,917	-
Argoba Special	1,900	*	-	118	*	-	-	1,701	-
Oromia	4,380,037	170,221	2,865	165,828	9,746	15,542	11,657	3,988,608	15,571
West Wellega	128,994	*	*	5,224	*	1,976	613	117,859	611
East Wellega	92,541	1,994	-	1,231	*	365	225	87,752	244
Illubabor	196,916	3,539	-	4,976	*	203	1,472	183,819	2,138
Jimma	462,378	13,410	-	4,231	*	1,571	2,323	438,717	828
West Shewa	425,239	10,594	*	7,293	*	324	298	405,291	577
North Shewa	587,111	24,072	*	14,614	*	3,930	-	540,215	1,956
East Shewa	161,242	*	-	8,512	*	-	275	148,704	259
Arsi	646,211	38,529	-	24,581	*	2,059	1,302	576,108	2,771
West Harerghe	94,855	1,626	-	1,901	-	-	212	90,682	433
East Harerghe	194,683	14,289	*	*	*	370	631	171,433	410
Bale	141,301	5,681	-	6,478	-	-	642	128,499	-
Borena	220,482	*	*	34,835	*	138	538	179,240	659
South West Shewa	204,614	16,765	*	5,348	*	1,175	952	179,190	628
Guji	193,750	2,958	-	13,831	-	643	-	176,064	255
West Arsi	433,930	*	-	18,050	-	2,223	1,234	385,257	3,250
Kelem Wellega	105,026	2,374	-	6,202	-	457	456	95,187	351
Horoguduru Wellega	90,764	2,391	-	1,939	*	109	483	84,592	200

TABLE 3-8 CONT'D

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Somale	696,397	28,745	*	123,035	*	1,508	782	539,428	1,876
Shinele	33,995	2,503	*	3,853	-	69	-	27,478	14
Jijiga	519,958	25,968	-	94,186	-	1,439	-	398,198	167
Liben	142,444	*	*	24,997	*	-	782	113,752	1,695
Benshangul-Gumuz	44,268	651	-	4,498	*	40	-	38,743	244
Metekel	25,821	*	-	2,977	-	-	-	22,611	-
Asosa	9,372	*	-	827	*	-	-	8,168	92
Kemeshi	4,522	*	-	281	-	-	-	4,100	-
Mao Komo	4,554	*	-	413	-	40	-	3,864	152
SNNP	2,201,140	76,204	*	204,582	5,164	2,958	5,256	1,894,846	11,948
Gurage	185,818	2,405	-	10,829	*	1,039	634	169,251	949
Hadiya	130,254	3,763	-	7,817	*	-	-	116,706	1,380
Kembata Tembaro	56,298	6,479	-	3,685	*	132	-	45,590	142
Sidama	220,986	*	-	7,235	-	-	-	208,497	2,659
Gedio	91,693	4,845	*	5,760	-	382	251	80,104	168
Wolayita	79,291	1,748	-	*	-	450	-	76,070	289
South Omo	489,508	13,600	-	*	*	231	1,670	361,125	116
Shaka	30,860	*	-	*	-	70	-	27,397	334
Kaffa	230,505	6,249	-	6,777	*	156	1,141	215,832	-
Gamo Gofa	261,509	8,204	-	18,970	*	-	322	233,390	-
Bench Maji	70,242	3,540	-	1,863	*	94	139	63,623	94
Yem Sp. Wereda	15,927	*	-	232	*	-	-	15,270	27
Dawro	47,014	2,322	-	2,361	*	73	-	41,950	227
Basketo Sp. Wereda	11,098	*	-	703	*	-	-	10,010	219
Konta Sp. Wereda	12,168	*	-	*	-	-	52	9,095	-
Silte	138,119	*	-	7,257	*	204	1,048	121,042	4,770
Alaba Sp. Wereda	26,604	*	-	1,376	-	-	-	24,969	177
Segen People	103,246	13,096	-	14,705	-	126	-	74,924	395
Gambela Region	23,723	*	-	3,368	*	-	58	19,957	113
Angnuwak	*	*	-	*	-	-	-	346	-
Nuware	20,640	-	-	3,000	*	-	58	17,473	91
Mezhenger	1,970	*	-	152	-	-	-	1,679	22
Itang Special	*	-	-	*	-	-	-	458	-
Harari	3,294	180	-	*	*	-	-	2,955	-
Hundene	3,294	180	-	*	*	-	-	2,955	-
Dire Dawa	34,702	1,178	-	*	-	-	127	32,545	35

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

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
		MALE			FEMALE			
	Total	Meat	Breeding	Other	Meat	Milk	Breeding	Other
Ethiopia	12,376,722	613,042	1,268,357	66,678	35,720	667,163	9,683,793	41,969
Tigray	1,628,729	23,439	206,430	12,036	4,874	10,094	1,363,352	*
North West Tigray	549,095	8,585	57,190	*	*	*	471,664	*
Central Tigray	580,618	4,039	94,982	*	*	*	467,243	*
Eastern Tigray	119,127	*	12,950	*	-	*	102,324	-
Southern Tigray	205,277	7,393	24,528	-	*	-	172,475	*
Western Tigray	174,613	3,304	16,779	1,846	*	*	149,646	*
Afar	1,028,155	11,210	87,214	*	*	189,711	729,765	*
Zone 1	610,250	2,032	53,128	*	*	77,216	476,564	*
Zone 3	417,906	9,179	34,086	*	*	112,496	253,201	*
Amhara	2,556,345	271,717	161,473	31,323	11,815	11,968	2,052,612	15,436
North Gonder	549,870	30,828	27,495	7,972	*	*	468,250	6,044
South Gonder	211,373	20,288	16,908	-	*	-	173,844	-
North Wolo	265,337	24,209	24,034	1,595	*	-	213,049	*
South Wolo	407,208	38,359	41,587	7,794	*	*	313,840	3,518
North Shewa	357,883	85,077	12,829	3,227	*	*	246,896	*
East Gojam	205,273	25,142	3,389	*	*	-	165,764	*
West Gojam	147,357	18,233	*	-	-	*	126,735	-
Waghamera	262,144	21,638	23,867	*	*	*	213,905	*
Awi	55,264	5,963	3,020	*	-	-	45,386	-
Oromia	83,642	1,633	6,193	*	-	*	75,377	-
Argoba Special	10,994	348	900	80	*	*	9,565	*
Oromia	3,700,637	163,828	251,626	16,028	5,085	243,400	3,014,091	6,578
West Wellega	60,739	*	2,623	-	*	*	57,017	-
East Wellega	57,879	3,956	2,989	*	-	*	49,443	*
Illubabor	89,569	1,319	3,035	*	*	*	83,294	*
Jimma	165,326	*	*	*	-	-	158,434	-
West Shewa	155,956	6,777	8,988	*	-	*	137,242	*
North Shewa	110,161	13,690	*	*	-	-	88,219	*
East Shewa	280,802	4,154	19,532	*	*	*	252,090	*
Arsi	366,238	27,590	15,846	*	-	*	300,771	*
West Harerghe	366,441	19,922	8,661	*	*	*	302,214	*
East Harerghe	448,068	39,559	13,109	*	1,608	20,388	372,661	*
Bale	392,835	15,666	33,101	*	-	111,538	231,489	*
Borena	565,226	7,539	78,769	*	*	*	453,430	-
South West Shewa	135,576	11,189	7,371	-	*	-	115,989	-
Guji	227,840	4,079	34,450	-	*	10,487	178,055	*
West Arsi	161,762	*	7,401	-	-	23,206	128,598	*
Kelem Wellega	48,215	842	*	-	*	*	43,867	*
Horoguduru Wellega	68,003	3,172	2,149	*	*	*	61,280	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
		MALE			FEMALE			
	Total	Meat	Breeding	Other	Meat	Milk	Breeding	Other
Somale	927,547	37,844	142,226	*	520	39,885	702,216	*
Shinele	111,219	8,813	11,059	-	*	2,941	87,982	-
Jijiga	405,741	24,703	63,337	-	-	19,742	297,329	*
Liben	410,587	*	67,830	*	*	*	316,905	*
Benshangul-Gumuz	192,259	3,225	14,742	892	*	*	170,923	*
Metekel	75,221	1,810	4,798	*	*	*	67,092	*
Asosa	76,479	*	7,173	*	*	-	67,738	*
Kemeshi	29,096	*	2,273	*	-	-	25,562	*
Mao Komo	11,464	*	498	-	-	*	10,531	*
SNNP	2,189,813	92,862	395,717	3,863	3,288	166,910	1,521,862	5,311
Gurage	59,430	*	2,753	-	-	*	49,393	*
Hadiya	75,861	*	5,826	*	-	*	65,012	*
Kembata Tembaro	28,042	*	2,292	-	*	860	24,062	*
Sidama	108,126	8,377	*	-	-	25,567	69,444	-
Gedio	4,096	*	*	-	-	-	3,551	-
Wolayita	55,625	*	2,019	-	*	-	51,898	*
South Omo	1,117,110	37,617	323,123	*	*	*	636,131	-
Shaka	10,437	909	*	-	-	-	8,871	*
Kaffa	125,681	1,935	2,505	-	*	*	120,408	-
Gamo Gofa	161,854	6,397	11,361	*	-	*	142,048	*
Bench Maji	37,796	*	840	*	*	-	33,469	-
Yem Sp. Wereda	15,054	*	*	*	*	*	14,304	*
Dawro	27,577	1,380	*	*	*	*	25,005	*
Basketo Sp. Wereda	6,859	*	632	*	*	-	5,716	*
Konta Sp. Wereda	8,694	453	758	-	*	-	7,431	-
Silte	88,660	3,020	7,207	*	*	*	67,370	*
Alaba Sp. Wereda	31,976	*	2,023	*	-	5,304	23,670	*
Segen People	226,933	*	28,002	*	*	*	174,077	*
Gambela Region	38,394	*	5,179	*	*	1,930	30,751	*
Angnuwak	8,000	*	668	*	*	-	6,987	-
Nuware	27,712	-	3,878	*	-	1,871	21,939	*
Mezhenger	718	*	*	-	*	-	527	-
Itang Special	1,964	-	607	-	-	*	1,298	-
Harari	25,659	1,956	1,012	*	*	498	21,538	*
Hundene	25,659	1,956	1,012	*	*	498	21,538	*
Dire Dawa	89,184	6,585	2,739	-	*	2,434	76,683	*

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

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
		MALE			FEMALE		
	Total	Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	1,523,422	651,913	94,315	6,698	460,602	105,464	204,431
Tigray	1,950	*	-	-	*	-	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	*	-	-
Southern Tigray	*	*	-	-	-	-	*
Western Tigray	*	*	-	-	*	-	-
Afar	*	*	-	-	-	-	-
Zone 1	*	*	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	338,644	49,699	80,243	*	30,580	92,901	83,627
North Gonder	19,286	3,786	*	*	4,006	*	*
South Gonder	21,952	*	*	-	*	*	*
North Wolo	26,435	*	6,815	-	*	13,310	*
South Wolo	68,175	11,120	*	*	6,656	*	*
North Shewa	27,576	4,562	*	-	12,957	*	5,739
East Gojam	81,025	15,013	25,512	-	4,429	12,418	23,653
West Gojam	*	4,329	*	-	*	*	*
Waghamera	*	-	-	-	*	-	-
Awi	63,164	4,973	27,560	-	*	24,045	*
Oromia	*	*	-	-	-	-	-
Argoba special	-	-	-	-	-	-	-
Oromia	864,170	447,661	7,356	4,164	319,253	3,650	82,086
West Wellega	*	*	-	-	*	*	-
East Wellega	*	*	-	-	*	-	-
Illubabor	39,311	12,871	*	*	9,787	*	15,179
Jimma	66,911	34,437	-	*	15,520	-	15,895
West Shewa	103,761	60,113	*	-	25,793	*	12,816
North Shewa	65,224	25,146	-	*	34,056	-	*
East Shewa	10,097	9,838	-	-	*	-	-
Arsi	160,250	65,710	*	*	85,547	*	7,272
West Harerghe	-	-	-	-	-	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	61,888	40,193	-	-	17,066	-	*
Borena	840	*	-	-	*	-	-
South West Shewa	48,166	38,694	-	*	6,073	*	*
Guji	108,692	57,949	*	-	46,982	-	*
West Arsi	158,371	83,565	*	*	63,777	*	*
Kelem Wellega	8,242	4,614	-	-	*	*	*
Horoguduru Wellega	27,425	12,764	-	-	7,561	-	7,099

TABLE 3-10 CONT'D

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	*	*	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	*	-	-	-	-	-
Benshangul-Gumuz	*	*	*	*	*	*	*
Metekel	*	*	*	*	*	*	*
Asosa	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-
SNNP	317,024	152,691	*	*	109,912	8,849	38,177
Gurage	51,056	16,543	-	-	25,273	-	*
Hadiya	26,427	8,062	*	*	*	*	7,123
Kembata Tembaro	7,041	3,440	-	*	1,942	-	1,527
Sidama	60,014	32,830	-	-	25,610	-	*
Gedio	16,829	11,670	-	-	3,690	-	*
Wolayita	*	*	-	-	-	-	-
South Omo	10,483	5,284	*	*	2,961	*	*
Shaka	6,854	4,577	-	-	*	*	*
Kaffa	59,723	42,819	-	-	8,021	-	8,882
Gamo Gofa	29,834	*	*	-	*	*	*
Bench Maji	6,785	3,204	-	-	3,555	-	*
Yem Sp. Wereda	656	122	-	*	314	*	*
Dawro	4,753	2,378	-	-	1,654	-	*
Basketo Sp. Wereda	370	*	188	-	-	-	-
Konta Sp. Wereda	1,828	*	-	-	448	-	*
Silte	28,617	9,163	-	*	17,835	*	*
Alaba Sp. Wereda	3,675	2,721	-	-	868	-	*
Segen People	1,825	707	-	-	864	-	*
Gambela Region	422	290	-	*	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	422	290	-	*	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-

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

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	5,190,057	1,946,545	378,954	46,290	2,166,058	504,584	147,627
Tigray	533,907	224,824	60,381	*	203,470	40,248	4,237
North West Tigray	124,633	49,157	*	-	71,677	*	*
Central Tigray	144,278	43,642	32,374	-	43,728	23,989	*
Eastern Tigray	86,648	36,022	13,327	*	30,243	5,956	*
Southern Tigray	130,115	60,645	12,787	-	47,282	8,266	*
Western Tigray	48,233	35,358	*	*	10,539	*	*
Afar	49,992	21,021	-	*	28,318	-	*
Zone 1	25,112	8,321	-	-	16,438	-	*
Zone 3	24,880	12,700	-	*	11,880	-	*
Amhara	1,753,332	515,013	169,915	17,937	670,859	292,141	87,467
North Gonder	281,192	123,362	*	*	124,089	*	*
South Gonder	189,542	50,920	6,307	*	100,779	14,285	16,877
North Wolo	134,471	30,508	12,220	-	59,896	29,220	2,626
South Wolo	278,036	85,144	7,525	11,389	132,775	12,618	28,585
North Shewa	279,213	133,315	7,143	*	114,745	*	*
East Gojam	251,429	34,638	46,391	*	38,235	116,823	14,490
West Gojam	191,433	10,152	54,009	*	44,448	78,134	3,953
Waghamera	55,143	28,752	1,182	*	20,880	1,396	2,687
Awi	57,847	7,542	17,973	*	11,723	12,460	*
Oromia	32,457	9,604	*	*	21,813	*	*
Argoba Special	2,569	1,074	-	-	1,474	-	*
Oromia	2,187,792	914,836	94,401	14,548	983,804	134,525	45,678
West Wellega	84,024	30,794	*	*	49,060	-	3,477
East Wellega	63,671	26,861	*	*	29,457	*	*
Illubabor	27,939	12,606	1,352	*	11,797	*	1,072
Jimma	60,480	33,029	*	*	22,521	*	1,470
West Shewa	159,505	55,234	12,939	*	67,268	18,486	*
North Shewa	168,838	39,199	18,930	-	61,825	48,588	*
East Shewa	232,615	114,520	*	-	105,746	5,956	*
Arsi	305,046	133,148	*	*	163,915	*	*
West Harerghe	176,533	80,245	*	*	73,953	*	11,525
East Harerghe	201,674	63,613	32,601	*	74,920	25,888	*
Bale	179,409	91,278	-	-	88,130	-	-
Borena	58,810	30,225	*	*	25,688	*	*
South West Shewa	154,519	59,112	10,641	*	58,182	23,713	*
Guji	60,484	31,203	*	*	25,250	*	*
West Arsi	169,100	74,939	-	*	88,582	-	*
Kelem Wellega	34,763	20,191	*	*	13,048	*	-
Horoguduru Wellega	50,381	18,639	*	-	24,462	*	4,831

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	107,091	52,979	*	*	47,835	*	*
Shinele	7,557	3,840	-	*	3,598	-	*
Jijiga	56,648	26,866	*	-	29,550	-	-
Liben	42,886	22,273	*	*	14,687	*	*
Benshangul-Gumuz	53,222	21,660	14,978	*	11,444	*	1,165
Metekel	26,849	9,864	11,781	*	2,999	*	*
Asosa	18,280	7,782	*	*	7,067	*	*
Kemeshi	6,067	2,942	*	*	579	-	*
Mao Komo	2,026	1,072	*	*	800	*	-
SNNP	482,459	186,378	37,110	10,285	209,649	33,860	5,176
Gurage	70,047	26,751	*	*	42,630	-	*
Hadiya	78,304	27,853	*	-	49,336	*	-
Kembata Tembaro	23,704	19,365	-	-	4,340	-	-
Sidama	48,527	36,569	-	*	10,757	-	*
Gedio	3,652	3,108	-	-	*	-	-
Wolayita	38,004	27,592	-	7,554	*	-	*
South Omo	21,548	916	*	*	*	11,512	-
Shaka	2,736	2,377	*	*	-	-	-
Kaffa	*	*	-	-	*	-	-
Gamo Gofa	39,931	*	14,630	*	*	*	*
Bench Maji	*	*	-	-	-	-	-
Yem Sp. Wereda	2,849	885	*	-	1,532	*	-
Dawro	1,824	1,327	-	-	*	-	*
Basketo Sp. Wereda	786	125	163	-	*	382	-
Konta Sp. Wereda	*	*	-	*	*	-	-
Silte	83,764	18,092	-	*	61,761	*	*
Alaba Sp. Wereda	31,135	6,731	*	-	24,014	*	-
Segen People	32,211	5,365	14,520	*	4,505	7,044	*
Gambela Region	*	*	-	*	-	-	*
Angnuwak	*	*	-	-	-	-	*
Nuware	-	-	-	-	-	-	-
Mezhenger	*	-	-	*	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	9,730	5,502	584	*	3,113	*	*
Hundene	9,730	5,502	584	*	3,113	*	*
Dire Dawa	12,111	3,985	*	-	7,566	*	*

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	302,098	129,563	13,695	3,881	142,172	9,875	2,912
Tigray	4,690	1,438	*	-	3,026	-	-
North West Tigray	*	-	-	-	*	-	-
Central Tigray	*	-	*	-	*	-	-
Eastern Tigray	*	-	-	-	*	-	-
Southern Tigray	1,707	*	-	-	1,017	-	-
Western Tigray	886	748	-	-	*	-	-
Afar	*	*	-	-	*	-	-
Zone 1	*	*	-	-	*	-	-
Zone 3	*	*	-	-	*	-	-
Amhara	104,843	31,780	10,709	2,083	51,903	6,423	*
North Gonder	8,396	3,004	*	-	3,373	-	*
South Gonder	13,719	4,388	*	-	5,189	*	-
North Wolo	9,211	2,667	-	*	4,915	*	*
South Wolo	20,368	5,814	-	*	13,795	-	*
North Shewa	10,772	4,735	-	-	6,037	-	-
East Gojam	*	*	*	-	*	*	-
West Gojam	18,474	3,518	-	*	12,512	*	-
Waghamera	2,942	1,465	-	-	1,478	-	-
Awi	10,297	5,349	*	*	2,812	-	-
Oromia	-	-	-	-	-	-	-
Argoba Special	-	-	-	-	-	-	-
Oromia	136,354	67,907	*	*	65,394	*	*
West Wellega	3,766	1,532	-	-	2,234	-	-
East Wellega	4,551	2,281	-	-	2,270	-	-
Illubabor	15,190	3,365	-	-	11,825	-	-
Jimma	14,214	3,566	-	-	10,265	*	-
West Shewa	6,510	2,561	*	*	3,083	-	*
North Shewa	1,849	*	-	-	1,565	-	-
East Shewa	7,039	7,039	-	-	-	-	-
Arsi	23,165	13,751	-	*	8,532	*	-
West Harerghe	4,097	2,410	-	-	1,520	-	*
East Harerghe	*	-	-	-	*	-	-
Bale	22,735	13,879	-	-	8,856	-	-
Borena	*	*	-	-	*	-	-
South West Shewa	6,000	*	*	-	3,778	-	-
Guji	11,066	4,978	*	-	5,766	-	-
West Arsi	3,267	2,807	-	-	*	-	-
Kelem Wellega	4,692	2,849	-	-	1,698	*	-
Horoguduru Wellega	3,856	2,385	-	-	1,470	-	-

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	2,440	*	*	-	901	*	-
Metekel	2,283	*	*	-	865	-	-
Asosa	*	*	-	-	-	-	-
Kemeshi	*	-	*	-	*	*	-
Mao Komo	-	-	-	-	-	-	-
SNNP	51,757	26,273	1,691	*	19,783	*	*
Gurage	3,614	*	-	-	1,477	-	-
Hadiya	5,319	*	*	-	2,758	*	-
Kembata Tembaro	1,951	983	-	-	968	-	-
Sidama	*	*	-	-	*	-	-
Gedio	4,259	2,920	-	-	*	-	-
Wolayita	1,163	*	-	-	*	-	-
South Omo	5,289	*	*	*	*	*	*
Shaka	1,024	841	-	-	*	-	-
Kaffa	8,680	5,549	-	*	2,844	-	-
Gamo Gofa	8,101	2,598	*	*	2,956	*	-
Bench Maji	*	*	-	-	*	-	-
Yem Sp. Wereda	*	*	-	-	*	-	-
Dawro	5,201	2,662	-	*	2,462	-	-
Basketo Sp. Wereda	588	148	301	-	*	*	-
Konta Sp. Wereda	446	399	-	-	*	-	-
Silte	2,257	1,478	-	-	*	-	-
Alaba Sp. Wereda	451	*	-	-	367	-	-
Segen People	733	*	*	-	*	-	-
Gambela Region	*	*	-	*	-	-	-
Angnuwak	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	*	-	-	-
Itang Special	-	-	-	-	-	-	-
Harari	*	*	-	-	-	-	-
Hundene	*	*	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-

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

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALE				FEMALE				
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
Ethiopia	678,138	161,180	10,976	8,751	29,814	*	35,881	*	281,852	144,758
Tigray	43,932	34,108	-	*	5,744	-	*	-	*	-
North West Tigray	14,189	14,189	-	-	-	-	-	-	-	-
Central Tigray	3,762	3,533	-	*	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-
Southern Tigray	18,890	12,393	-	-	5,744	-	*	-	-	-
Western Tigray	7,091	3,994	-	*	-	-	*	-	*	-
Afar	198,601	35,165	*	-	*	*	21,033	-	83,216	54,419
Zone 1	85,930	19,383	*	-	*	*	*	-	30,361	29,832
Zone 3	112,671	15,781	*	-	*	*	15,546	-	52,855	*
Amhara	52,337	46,150	-	*	*	-	-	-	*	-
North Gonder	*	*	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-
North Wolo	9,938	8,473	-	*	-	-	-	-	-	-
South Wolo	12,319	11,363	-	-	*	-	-	-	-	-
North Shewa	17,429	13,875	-	*	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-
Oromia	9,776	9,564	-	-	-	-	-	-	*	-
Argoba Special	731	731	-	-	-	-	-	-	-	-
Oromia	173,923	16,620	4,246	-	7,953	-	6,856	-	96,786	41,462
West Wellega	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	-	-	*	-	-	-	*	*
Arsi	*	*	*	-	-	-	-	-	*	-
West Harerghe	18,651	*	-	-	*	-	-	-	*	9,145
East Harerghe	23,618	*	2,557	-	-	-	*	-	16,359	*
Bale	13,809	*	*	-	*	-	*	-	*	*
Borena	42,980	6,414	*	-	3,787	-	*	-	17,268	12,810
South West Shewa	-	-	-	-	-	-	-	-	-	-
Guji	31,820	*	-	-	*	-	*	-	*	*
West Arsi	-	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-	-	-	-	-

TABLE 3-13 CONT'D

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALE				FEMALE				
		Transportation	Meat	Draught	Other	Transportation	Meat	Draught	Milk	Others
Somale	204,306	27,179	*	*	14,069	*	6,717	*	99,535	48,332
Shinele	9,631	2,992	-	*	*	*	667	*	*	3,040
Jijiga	66,049	13,766	*	*	*	*	2,143	-	35,525	10,568
Liben	128,625	10,421	*	-	*	*	3,906	-	61,311	34,724
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-
Harari	*	*	*	-	-	-	-	-	*	-
Hundene	*	*	*	-	-	-	-	-	*	-
Dire Dawa	4,016	1,835	*	*	-	-	365	-	1,081	545

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

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	53,990,061	23,840,315	172,325	21,252	29,585,189	334,380	36,601
Tigray	4,065,082	1,916,540	14,595	2,769	2,098,023	26,857	6,298
North West Tigray	1,436,922	603,265	*	*	830,888	*	*
Central Tigray	751,696	417,916	5,102	*	319,647	6,142	*
Eastern Tigray	418,666	211,967	6,265	1,592	181,653	15,012	2,178
Southern Tigray	715,973	371,391	2,661	*	336,011	*	*
Western Tigray	741,824	312,001	-	-	429,823	-	-
Afar	1,190,166	261,403	*	-	927,160	*	-
Zone 1	767,303	163,109	-	-	604,194	-	-
Zone 3	422,864	98,294	*	-	322,966	*	-
Amhara	13,766,923	7,008,807	44,648	4,711	6,623,088	78,803	6,865
North Gonder	2,771,701	1,280,727	*	*	1,475,973	*	*
South Gonder	1,566,375	821,919	*	-	740,097	2,848	-
North Wolo	872,821	434,920	*	-	434,485	1,855	-
South Wolo	1,564,091	827,726	15,136	*	687,207	32,129	*
North Shewa	1,323,720	753,451	17,416	-	531,600	21,253	-
East Gojam	1,844,674	1,011,509	*	*	819,552	5,624	*
West Gojam	2,182,636	1,126,235	*	-	1,052,211	*	-
Waghamera	333,225	155,457	*	-	177,653	-	-
Awi	1,007,102	454,129	*	-	546,589	*	*
Oromia	278,789	131,623	-	-	147,045	*	-
Argoba Special	21,788	11,111	-	-	10,677	-	-
Oromia	22,354,053	10,038,011	94,877	11,899	12,029,483	164,537	15,247
West Wellega	1,005,827	438,774	-	-	567,054	-	-
East Wellega	925,144	416,428	*	-	508,159	*	*
Illubabor	1,106,785	501,000	*	-	604,920	*	-
Jimma	2,214,385	1,050,129	*	-	1,161,972	*	-
West Shewa	2,015,696	972,249	1,211	*	1,038,969	*	*
North Shewa	1,507,349	697,868	39,569	4,195	708,318	53,502	*
East Shewa	1,090,091	599,912	*	*	485,126	*	1,943
Arsi	2,467,531	1,171,712	30,357	4,627	1,204,938	52,135	*
West Harerghe	980,914	466,076	-	-	514,175	*	*
East Harerghe	1,057,948	390,883	*	*	657,209	*	*
Bale	1,521,621	679,032	4,684	-	828,802	8,695	*
Borena	1,048,909	337,276	-	-	711,633	-	-
South West Shewa	1,111,401	596,097	*	*	510,889	2,422	*
Guji	1,282,354	466,778	*	-	814,029	*	-
West Arsi	1,897,896	697,143	13,744	*	1,150,109	33,972	*
Kelem Wellega	481,041	247,471	-	-	233,570	-	-
Horoguduru Wellega	639,162	309,183	*	-	329,612	*	-

TABLE 3-14 CONT'D

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	597,427.00	187,446.00	-	-	409,982.00	-	-
Shinele	21,627.00	6,801.00	-	-	14,826.00	-	-
Jijiga	368,156.00	122,827.00	-	-	245,328.00	-	-
Liben	207,645.00	57,818.00	-	-	149,827.00	-	-
Benshangul-Gumuz	558,551	255,487	*	*	302,739	*	*
Metekel	444,595	207,186	*	-	237,167	-	*
Asosa	71,351	30,070	-	-	41,282	-	-
Kemeshi	32,034	13,270	-	-	18,764	-	-
Mao Komo	10,571	4,962	-	*	5,526	*	-
SNNP	11,080,824	4,056,628	17,605	1,704	6,935,158	62,273	7,455
Gurage	956,577	300,160	*	*	648,819	4,502	*
Hadiya	821,370	330,814	*	*	482,119	*	*
Kembata Tembaro	351,151	111,438	8,121	*	189,638	35,210	5,588
Sidama	2,096,120	468,017	*	-	1,615,854	10,215	-
Gedio	107,738	53,575	-	-	53,935	*	-
Wolayita	762,684	295,399	*	-	461,054	*	*
South Omo	1,593,195	607,556	-	-	985,409	*	-
Shaka	137,286	54,962	*	-	82,259	-	-
Kaffa	917,793	380,856	-	-	536,936	-	-
Gamo Gofa	1,326,114	536,032	-	-	789,494	*	-
Bench Maji	323,737	138,436	-	-	185,302	-	-
Yem Sp. Wereda	67,751	33,502	*	-	34,091	*	-
Dawro	325,871	126,971	-	-	198,900	-	-
Basketo Sp. Wereda	48,331	21,409	-	*	26,860	*	-
Konta Sp. Wereda	101,133	45,059	-	-	56,017	*	-
Silte	563,734	252,301	*	-	308,450	1,631	*
Alaba Sp. Wereda	167,188	79,259	-	-	87,851	*	-
Segen People	413,049	220,882	-	-	192,167	-	-
Gambela Region	277,050	80,131	-	-	196,875	*	*
Angnuwak	28,456	17,319	-	-	11,137	-	-
Nuware	212,633	52,318	-	-	160,315	-	-
Mezhenger	20,860	5,944	-	-	14,871	*	*
Itang Special	15,101	4,549	-	-	10,552	-	-
Harari	52,832	17,880	349	*	33,512	*	553
Hundene	52,832	17,880	349	*	33,512	*	553
Dire Dawa	47,153	17,983	-	-	29,170	-	-

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

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	25,489,204	6,718,092	16,156	2,684	18,721,349	23,535	7,388
Tigray	1,381,622	351,521	-	*	1,029,093	*	*
North West Tigray	118,247	25,379	-	-	92,868	-	-
Central Tigray	322,860	89,706	-	-	232,933	*	-
Eastern Tigray	601,412	145,754	-	-	455,476	*	-
Southern Tigray	295,360	78,327	-	-	217,033	-	-
Western Tigray	43,743	12,355	-	*	30,784	-	*
Afar	916,353	198,527	-	-	717,826	-	-
Zone 1	574,546	117,186	-	-	457,359	-	-
Zone 3	341,807	81,340	-	-	260,467	-	-
Amhara	8,825,061	2,296,892	15,333	*	6,487,409	*	*
North Gonder	815,716	178,839	*	-	623,154	*	-
South Gonder	876,075	201,229	*	-	674,018	*	-
North Wolo	862,546	220,182	*	*	631,628	*	*
South Wolo	1,948,943	610,630	*	*	1,330,269	*	*
North Shewa	1,644,881	461,267	*	*	1,176,185	*	*
East Gojam	1,142,377	253,572	-	-	888,805	-	-
West Gojam	893,368	218,277	-	-	675,090	-	-
Waghamera	162,068	39,842	-	-	122,227	-	-
Awi	389,245	86,368	-	-	302,877	-	-
Oromia	86,780	25,977	-	-	60,803	-	-
Argoba Special	3,063	709	-	-	2,354	-	-
Oromia	8,748,537	2,306,692	*	*	6,436,674	*	*
West Wellega	296,593	84,337	-	*	212,065	-	-
East Wellega	220,875	66,782	-	-	154,093	-	-
Illubabor	412,020	103,005	-	-	309,016	-	-
Jimma	870,764	219,037	-	-	651,727	-	-
West Shewa	841,001	202,732	-	-	638,268	-	-
North Shewa	1,126,029	293,264	*	-	830,126	*	-
East Shewa	319,598	82,075	-	-	237,523	-	-
Arsi	1,374,425	384,767	-	-	989,657	-	-
West Harerghe	175,269	35,161	-	-	140,108	-	-
East Harerghe	359,341	97,348	-	-	261,993	-	-
Bale	307,776	83,319	-	-	224,457	-	-
Borena	396,819	108,554	-	-	288,265	-	-
South West Shewa	411,216	122,362	-	-	288,854	-	-
Guji	379,420	94,755	-	-	284,665	-	-
West Arsi	835,224	214,326	-	-	618,559	-	*
Kelem Wellega	234,042	65,005	-	-	169,037	-	-
Horoguduru Wellega	188,125	49,862	-	-	138,263	-	-

TABLE 3-15 CONT'D

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,281,998	379,320	-	-	902,679	-	-
Shinele	59,482	17,061	-	-	42,421	-	-
Jijiga	972,528	291,804	-	-	680,724	-	-
Liben	249,988	70,454	-	-	179,534	-	-
Benshangul-Gumuz	93,131	27,994	-	-	65,046	-	*
Metekel	54,168	16,678	-	-	37,489	-	-
Asosa	19,997	5,276	-	-	14,629	-	*
Kemeshi	9,393	3,109	-	-	6,284	-	-
Mao Komo	9,574	2,930	-	-	6,644	-	-
SNNP	4,118,382	1,125,166	*	-	2,990,555	*	*
Gurage	358,840	83,299	-	-	275,541	-	-
Hadiya	240,725	59,013	-	-	181,712	-	-
Kembata Tembaro	105,824	35,193	-	-	70,361	*	-
Sidama	430,490	105,641	-	-	324,849	-	-
Gedio	167,520	46,654	-	-	120,866	-	-
Wolayita	182,480	47,275	-	-	135,205	-	-
South Omo	842,712	278,941	-	-	563,771	-	-
Shaka	64,201	18,712	-	-	45,489	-	-
Kaffa	449,008	107,419	-	-	341,590	-	-
Gamo Gofa	473,753	112,785	*	-	359,063	*	*
Bench Maji	130,384	34,391	-	-	95,993	-	-
Yem Sp. Wereda	30,544	6,818	*	-	23,596	*	-
Dawro	105,335	31,287	-	-	74,048	-	-
Basketo Sp. Wereda	20,075	4,569	-	-	15,480	-	*
Konta Sp. Wereda	24,393	9,831	-	-	14,562	-	-
Silte	282,338	76,258	-	-	205,893	*	-
Alaba Sp. Wereda	49,712	12,298	-	-	37,271	-	*
Segen People	160,047	54,781	-	-	105,266	-	-
Gambela Region	49,934	14,410	-	-	35,524	-	-
Angnuwak	*	*	-	-	640	-	-
Nuware	41,417	10,774	-	-	30,644	-	-
Mezhenger	6,042	2,564	-	-	3,479	-	-
Itang Special	*	*	-	-	*	-	-
Harari	6,395	1,705	-	-	4,690	-	-
Hundene	6,395	1,705	-	-	4,690	-	-
Dire Dawa	67,790	15,867	-	-	51,853	*	-

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

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	24,060,792	6,963,137	-	*	17,095,759	*	*
Tigray	3,191,184	880,181	-	-	2,311,003	-	-
North West Tigray	1,194,801	304,020	-	-	890,781	-	-
Central Tigray	1,006,957	305,212	-	-	701,745	-	-
Eastern Tigray	217,262	59,100	-	-	158,163	-	-
Southern Tigray	402,218	107,998	-	-	294,220	-	-
Western Tigray	369,945	103,851	-	-	266,094	-	-
Afar	1,935,611	375,210	-	-	1,560,401	-	-
Zone 1	1,164,580	215,216	-	-	949,364	-	-
Zone 3	771,031	159,994	-	-	611,037	-	-
Amhara	5,102,580	1,647,364	-	-	3,455,216	-	-
North Gonder	1,251,867	376,192	-	-	875,675	-	-
South Gonder	382,383	118,134	-	-	264,250	-	-
North Wolo	501,259	157,583	-	-	343,676	-	-
South Wolo	720,700	241,366	-	-	479,334	-	-
North Shewa	732,433	293,497	-	-	438,936	-	-
East Gojam	394,402	121,451	-	-	272,950	-	-
West Gojam	339,858	115,066	-	-	224,792	-	-
Waghamera	467,816	125,279	-	-	342,537	-	-
Awi	124,595	45,874	-	-	78,721	-	-
Oromia	164,891	46,110	-	-	118,781	-	-
Argoba Special	22,375	6,810	-	-	15,565	-	-
Oromia	7,554,869	2,164,339	-	-	5,390,151	-	*
West Wellega	155,054	46,658	-	-	108,396	-	-
East Wellega	146,775	51,371	-	-	95,404	-	-
Illubabor	224,989	63,457	-	-	161,532	-	-
Jimma	345,105	89,761	-	-	255,344	-	-
West Shewa	392,473	127,714	-	-	264,759	-	-
North Shewa	234,652	75,277	-	-	159,375	-	-
East Shewa	568,761	151,248	-	-	417,513	-	-
Arsi	683,053	178,109	-	-	504,944	-	-
West Harerghe	704,732	177,121	-	-	527,611	-	-
East Harerghe	916,571	287,608	-	-	628,963	-	-
Bale	772,723	226,848	-	-	545,875	-	-
Borena	989,691	263,889	-	-	725,802	-	-
South West Shewa	308,121	97,468	-	-	210,653	-	-
Guji	488,466	147,087	-	-	341,379	-	-
West Arsi	353,223	99,052	-	-	254,171	-	-
Kelem Wellega	111,203	30,602	-	-	80,601	-	-
Horoguduru Wellega	159,278	51,068	-	-	107,831	-	*

TABLE 3-16 CONT'D

Geographic Area		MALE			FEMALE		
	Total	Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	1,639,080	457,216	-	-	1,181,864	-	-
Shinele	194,362	50,602	-	-	143,760	-	-
Jijiga	747,685	217,117	-	-	530,569	-	-
Liben	697,033	189,497	-	-	507,535	-	-
Benshangul-Gumuz	411,503	110,692	-	-	300,811	-	-
Metekel	160,879	48,684	-	-	112,196	-	-
Asosa	162,097	37,452	-	-	124,645	-	-
Kemeshi	64,873	18,295	-	-	46,578	-	-
Mao Komo	23,654	6,261	-	-	17,393	-	-
SNNP	3,912,131	1,244,229	-	*	2,666,385	*	*
Gurage	125,794	37,761	-	-	88,033	-	-
Hadiya	148,705	41,764	-	-	106,942	-	-
Kembata Tembaro	55,341	12,780	-	*	41,044	*	*
Sidama	236,416	72,100	-	-	164,315	-	-
Gedio	8,033	2,986	-	-	5,047	-	-
Wolayita	129,475	31,948	-	-	97,527	-	-
South Omo	1,774,657	633,120	-	-	1,141,537	-	-
Shaka	21,632	6,496	-	-	15,136	-	-
Kaffa	264,122	66,274	-	-	197,848	-	-
Gamo Gofa	336,439	101,995	-	-	234,444	-	-
Bench Maji	77,439	20,401	-	-	57,039	-	-
Yem Sp. Wereda	28,903	7,056	-	-	21,847	-	-
Dawro	67,803	20,035	-	-	47,768	-	-
Basketo Sp. Wereda	12,973	3,965	-	-	9,008	-	-
Konta Sp. Wereda	20,077	5,848	-	-	14,229	-	-
Silte	170,460	45,178	-	-	125,282	-	-
Alaba Sp. Wereda	64,814	17,077	-	-	47,737	-	-
Segen People	369,048	117,446	-	-	251,602	-	-
Gambela Region	84,229	23,777	-	-	60,451	-	-
Angnuwak	19,254	5,344	-	-	13,910	-	-
Nuware	58,783	15,878	-	-	42,905	-	-
Mezhenger	2,255	1,144	-	-	1,112	-	-
Itang Special	3,936	1,411	-	-	2,525	-	-
Harari	51,039	14,659	-	-	36,379	-	-
Hundene	51,039	14,659	-	-	36,379	-	-
Dire Dawa	178,567	45,470	-	-	133,097	-	-

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	50,377,142	5,190,884	2,687,894	4,863,762	1,525,680	19,602,682	16,506,239
Tigray	5,242,699	470,726	347,830	626,952	282,296	2,036,848	1,478,046
North West Tigray	1,557,283	115,781	110,116	196,525	91,085	700,151	343,625
Central Tigray	1,307,969	126,042	82,279	158,045	56,465	465,576	419,562
Eastern Tigray	763,542	81,761	49,712	76,415	39,874	216,785	298,996
Southern Tigray	922,256	103,438	49,105	110,039	50,326	328,064	281,283
Western Tigray	691,649	43,703	56,619	85,929	44,546	326,272	134,580
Afar	42,951	4,638	2,823	6,679	4,526	14,211	10,075
Zone 1	*	*	-	*	-	-	*
Zone 3	40,414	4,044	2,823	6,484	4,526	14,211	8,327
Amhara	14,610,770	1,367,696	771,727	1,406,185	355,079	5,937,362	4,772,722
North Gonder	3,628,832	273,881	255,448	418,281	44,606	1,727,819	908,797
South Gonder	1,581,841	110,064	85,143	153,620	42,443	622,604	567,968
North Wolo	1,015,569	183,813	43,840	85,039	27,230	380,083	295,565
South Wolo	1,662,389	285,722	59,609	124,548	75,423	477,858	639,229
North Shewa	1,679,373	164,621	61,403	159,098	54,312	595,503	644,436
East Gojam	1,151,578	90,497	46,871	95,226	39,717	378,900	500,367
West Gojam	2,285,542	127,452	125,286	225,737	19,866	1,049,121	738,079
Waghamera	420,267	40,967	31,357	39,797	21,488	181,523	105,134
Awi	885,867	61,381	46,197	78,410	16,184	383,087	300,608
Oromia	265,447	25,092	14,382	23,084	12,617	124,922	65,349
Argoba Special	34,066	4,206	2,191	3,346	1,194	15,941	7,188
Oromia	18,850,439	2,167,299	1,003,037	1,788,509	610,935	6,643,465	6,637,193
West Wellega	1,492,250	149,252	92,389	164,264	25,118	659,034	402,193
East Wellega	794,484	83,293	44,692	76,874	11,598	363,845	214,181
Illubabor	1,121,694	130,905	36,360	72,610	54,938	476,796	350,084
Jimma	1,496,886	169,890	36,776	90,569	19,692	591,936	588,023
West Shewa	1,450,265	168,649	49,105	96,976	64,030	535,854	535,651
North Shewa	855,166	104,314	38,251	49,546	38,541	192,318	432,196
East Shewa	1,250,059	136,423	75,800	155,213	33,834	377,076	471,712
Arsi	2,233,963	275,313	140,160	249,063	99,039	629,215	841,174
West Harerghe	1,260,059	140,672	77,034	162,950	29,692	437,318	412,392
East Harerghe	1,388,785	134,153	98,830	165,826	32,335	382,724	574,917
Bale	830,568	108,770	71,199	105,011	28,693	238,229	278,665
Borena	556,466	68,762	34,145	39,960	18,100	221,271	174,228
South West Shewa	1,062,629	120,315	31,288	51,537	40,277	412,907	406,307
Guji	828,478	127,664	59,335	91,715	36,486	281,794	231,483
West Arsi	1,064,958	113,345	60,629	103,681	52,265	345,333	389,705
Kelem Wellega	679,876	80,340	32,711	57,736	15,795	285,669	207,626
Horoguduru Wellega	483,853	55,241	24,333	54,978	10,501	212,145	126,655

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	159,293	28,180	10,678	14,133	11,061	41,247	53,993
Shinele	5,010	871	214	749	187	1,166	1,823
Jijiga	14,331	2,236	*	977	*	*	*
Liben	139,952	25,073	9,659	12,407	10,270	37,329	45,214
Benshangul-Gumuz	1,305,785	107,911	81,103	158,256	25,662	650,487	282,367
Metekel	547,136	44,879	32,640	61,311	15,186	278,003	115,117
Asosa	540,930	45,398	33,970	70,573	6,982	260,491	123,516
Kemeshi	144,751	12,296	9,939	17,420	1,458	74,682	28,957
Mao Komo	72,968	5,338	4,554	8,952	2,037	37,312	14,777
SNNP	9,732,061	991,047	434,884	813,420	221,435	4,129,943	3,141,332
Gurage	668,843	72,855	22,344	41,069	32,290	238,197	262,089
Hadiya	932,568	74,220	32,661	72,437	10,366	469,916	272,968
Kembata Tembaro	399,220	23,201	9,209	23,596	4,372	208,731	130,111
Sidama	1,532,589	127,602	63,397	117,722	34,467	624,916	564,484
Gedio	237,696	27,549	13,991	24,122	1,931	82,965	87,137
Wolayita	886,674	61,374	43,901	83,705	14,495	429,681	253,519
South Omo	628,764	93,257	35,700	68,105	24,579	228,122	179,001
Shaka	152,078	12,736	8,667	14,229	966	56,505	58,976
Kaffa	918,824	111,631	44,378	76,420	15,883	379,958	290,554
Gamo Gofa	1,126,176	115,297	50,240	92,860	23,627	485,206	358,947
Bench Maji	426,096	47,365	23,326	40,573	7,153	186,435	121,243
Yem Sp. Wereda	50,782	6,734	1,309	3,338	971	16,082	22,349
Dawro	208,971	25,335	7,145	15,755	11,522	85,162	64,052
Basketo Sp. Wereda	57,841	7,577	2,405	4,755	2,529	23,843	16,731
Konta Sp. Wereda	104,771	14,466	4,281	10,557	2,734	43,539	29,194
Silte	736,154	88,536	38,164	69,433	20,778	279,842	239,401
Alaba Sp. Wereda	215,810	16,730	9,711	16,617	5,813	112,428	54,510
Segen People	448,205	64,584	24,055	38,127	6,959	178,416	136,064
Gambela Region	298,849	39,234	27,017	33,984	10,774	115,068	72,772
Angnuwak	104,561	11,935	8,967	15,388	2,721	40,144	25,407
Nuware	110,762	17,745	11,752	10,853	6,530	40,333	23,550
Mezhenge**r**	48,859	4,570	1,591	3,308	1,408	21,439	16,543
Itang Special	34,667	4,984	4,708	4,436	*	13,152	7,272
Harari	50,589	5,635	4,830	6,600	1,392	14,413	17,719
Hundene	50,589	5,635	4,830	6,600	1,392	14,413	17,719
Dire Dawa	83,706	8,519	3,966	9,044	2,518	19,639	40,020

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	48,815,313	5,019,894	2,612,154	4,703,986	1,481,920	19,144,542	15,852,818
Tigray	4,765,588	420,795	318,299	563,279	270,688	1,882,136	1,310,391
North West Tigray	1,466,754	109,636	105,953	182,599	89,647	663,124	315,796
Central Tigray	1,122,264	106,323	69,955	130,215	50,848	414,828	350,095
Eastern Tigray	663,679	70,441	43,635	66,445	37,132	186,556	259,470
Southern Tigray	842,473	93,824	43,766	100,295	48,940	301,056	254,591
Western Tigray	670,418	40,570	54,990	83,725	44,121	316,572	130,439
Afar	42,789	4,619	2,785	6,679	4,526	14,211	9,969
Zone 1	*	*	-	*	-	-	*
Zone 3	40,252	4,025	2,785	6,484	4,526	14,211	8,221
Amhara	14,154,431	1,325,783	758,978	1,373,731	342,440	5,794,388	4,559,110
North Gonder	3,564,304	268,703	252,945	413,488	43,161	1,691,967	894,040
South Gonder	1,551,537	109,229	85,143	151,008	42,443	609,993	553,721
North Wolo	994,578	180,595	43,554	85,039	26,937	372,032	286,422
South Wolo	1,628,267	278,159	59,230	122,218	74,627	475,883	618,150
North Shewa	1,617,191	157,947	59,660	153,320	48,526	589,803	607,936
East Gojam	1,048,185	83,100	43,573	90,005	36,795	347,559	447,153
West Gojam	2,208,236	122,875	122,059	219,863	19,866	1,022,827	700,746
Waghamera	406,839	39,572	30,894	39,011	20,924	178,217	98,220
Awi	840,554	56,562	45,717	73,641	15,463	366,503	282,667
Oromia	260,762	24,846	14,013	22,838	12,505	123,664	62,898
Argoba Special	33,978	4,195	2,191	3,301	1,194	15,941	7,156
Oromia	18,398,495	2,112,425	980,438	1,742,161	597,545	6,528,266	6,437,660
West Wellega	1,478,594	148,234	91,835	162,759	25,118	655,966	394,681
East Wellega	786,319	81,739	44,692	76,874	11,291	360,911	210,812
Illubabor	1,101,585	127,130	36,360	71,527	53,930	471,017	341,621
Jimma	1,481,554	167,617	36,776	89,867	19,692	588,221	579,381
West Shewa	1,389,531	162,569	49,105	95,748	60,072	514,905	507,131
North Shewa	805,481	98,633	34,734	47,266	37,447	184,171	403,232
East Shewa	1,169,710	128,758	73,802	141,017	32,016	354,837	439,280
Arsi	2,135,800	261,871	130,787	232,949	94,441	612,329	803,423
West Harerghe	1,252,195	139,920	76,442	162,359	29,397	434,655	409,422
East Harerghe	1,368,337	129,551	97,723	162,287	32,335	378,878	567,563
Bale	802,860	105,236	67,243	102,296	28,693	231,226	268,166
Borena	556,000	68,762	34,145	39,960	17,789	221,271	174,073
South West Shewa	1,030,561	118,146	29,921	50,280	40,277	397,948	393,988
Guji	828,091	127,664	59,335	91,715	36,486	281,794	231,096
West Arsi	1,052,030	111,260	60,629	103,125	52,265	342,322	382,429
Kelem Wellega	677,281	80,191	32,575	57,154	15,795	285,669	205,897
Horoguduru Wellega	482,564	55,143	24,333	54,978	10,501	212,145	125,464

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	158,644	28,050	10,678	14,133	10,932	41,247	53,603
Shinele	5,010	871	214	749	187	1,166	1,823
Jijiga	14,331	2,236	*	977	*	*	*
Liben	139,303	24,943	9,659	12,407	10,140	37,329	44,825
Benshangul-Gumuz	1,293,358	106,639	80,884	157,534	25,123	643,564	279,614
Metekel	537,029	43,713	32,515	60,682	14,903	272,023	113,194
Asosa	538,948	45,292	33,877	70,480	6,726	259,653	122,919
Kemeshi	144,525	12,296	9,939	17,420	1,458	74,577	28,836
Mao Komo	72,856	5,338	4,554	8,952	2,037	37,312	14,665
SNNP	9,583,862	969,776	424,707	797,890	216,410	4,093,774	3,081,305
Gurage	636,345	67,810	21,234	39,729	29,673	228,264	249,635
Hadiya	918,006	72,083	32,661	72,184	10,109	465,584	265,384
Kembata Tembaro	392,171	22,628	8,000	23,047	4,243	207,777	126,476
Sidama	1,515,111	126,288	60,375	113,106	33,726	624,916	556,700
Gedio	236,442	27,549	13,991	24,122	1,931	82,275	86,574
Wolayita	867,146	58,548	43,636	82,021	14,495	421,743	246,704
South Omo	614,810	90,650	34,426	66,103	23,836	225,079	174,717
Shaka	149,795	12,322	8,607	13,893	966	56,505	57,503
Kaffa	914,672	110,787	44,186	76,223	15,690	379,958	287,828
Gamo Gofa	1,120,416	113,224	49,978	92,860	23,627	485,206	355,521
Bench Maji	424,282	47,082	23,116	40,471	7,153	186,025	120,435
Yem Sp. Wereda	46,841	5,978	1,124	2,807	732	15,206	20,993
Dawro	208,188	24,923	7,145	15,682	11,522	85,162	63,753
Basketo Sp. Wereda	57,660	7,487	2,405	4,755	2,529	23,843	16,641
Konta Sp. Wereda	104,308	14,250	4,190	10,557	2,734	43,539	29,038
Silte	719,888	87,393	37,363	67,591	20,778	272,402	234,362
Alaba Sp. Wereda	214,813	16,730	9,620	16,345	5,813	111,974	54,331
Segen People	442,968	64,042	22,650	36,397	6,851	178,316	134,711
Gambela Region	294,698	38,691	26,966	33,750	10,609	114,819	69,863
Angnuwak	101,339	11,502	8,916	15,211	2,585	40,144	22,981
Nuware	110,762	17,745	11,752	10,853	6,530	40,333	23,550
Mezhenger	47,930	4,460	1,591	3,251	1,378	21,190	16,060
Itang Special	34,667	4,984	4,708	4,436	*	13,152	7,272
Harari	50,028	5,528	4,764	6,463	1,392	14,413	17,468
Hundene	50,028	5,528	4,764	6,463	1,392	14,413	17,468
Dire Dawa	73,421	7,588	3,654	8,365	2,255	17,724	33,835

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,290,364	130,032	64,631	124,746	33,204	433,067	504,684
Tigray	352,256	29,608	25,709	46,744	5,755	139,320	105,120
North West Tigray	82,102	4,819	-	*	1,205	37,027	22,610
Central Tigray	126,925	10,002	10,355	20,186	1,746	44,758	39,879
Eastern Tigray	64,385	6,800	4,788	5,932	2,187	24,260	20,418
Southern Tigray	59,836	5,946	4,774	6,520	*	23,818	18,525
Western Tigray	-	2,041	-	*	*	*	*
Afar	*	-	-	-	-	-	*
Zone 1	-	-	-	-	-	-	-
Zone 3	*	-	-	-	-	-	*
Amhara	421,979	35,799	12,369	29,762	12,639	142,238	189,173
North Gonder	60,093	3,683	-	-	-	35,852	11,816
South Gonder	26,782	-	-	*	-	-	11,142
North Wolo	18,725	2,255	-	-	-	-	7,840
South Wolo	27,876	5,261	*	*	-	-	18,652
North Shewa	57,965	5,933	1,743	5,778	5,786	5,701	33,025
East Gojam	99,157	7,397	-	4,784	2,923	31,341	49,414
West Gojam	71,681	4,577	-	*	-	26,294	32,178
Waghamera	13,253	*	-	-	-	-	6,840
Awi	41,685	4,307	-	4,537	-	15,848	15,791
Oromia	-	-	-	-	-	-	-
Argoba Special	*	-	-	-	-	-	*
Oromia	367,128	44,669	17,311	32,630	10,041	107,561	154,916
West Wellega	9,172	*	-	1,313	-	-	3,859
East Wellega	7,440	-	-	-	-	-	2,644
Illubabor	14,715	3,414	-	894	*	5,057	4,527
Jimma	*	*	-	-	-	-	*
West Shewa	50,239	4,691	-	-	*	-	22,032
North Shewa	37,275	4,342	-	*	-	-	18,531
East Shewa	69,562	7,665	1,999	7,175	-	20,671	30,233
Arsi	89,194	11,818	8,382	13,706	4,347	16,886	34,056
West Harerghe	*	-	-	-	*	-	2,164
East Harerghe	14,846	*	-	*	-	-	6,954
Bale	19,508	1,582	*	2,715	-	-	7,478
Borena	-	-	-	-	-	-	-
South West Shewa	24,926	2,169	*	-	-	*	11,592
Guji	*	-	-	-	-	-	*
West Arsi	11,665	2,084	-	*	-	-	6,309
Kelem Wellega	*	*	-	*	-	-	*
Horoguduru Wellega	*	-	-	-	-	-	*

TABLE 3 -17 – c CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	*	*	-	-	*	-	*
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	*	-	-	*	-	*
Benshangul-Gumuz	9,920	529	*	-	*	6,818	1,556
Metekel	8,675	529	*	-	*	5,980	1,335
Asosa	*	*	-	-	*	-	*
Kemeshi	*	-	-	-	-	*	*
Mao Komo	-	-	-	-	-	-	-
SNNP	131,092	18,435	8,683	13,991	*	34,967	50,615
Gurage	*	*	*	*	-	-	9,465
Hadiya	12,009	*	-	-	*	-	6,049
Kembata Tembaro	3,960	*	*	*	*	*	2,201
Sidama	16,225	-	-	-	-	-	6,532
Gedio	-	-	-	-	-	-	-
Wolayita	19,291	-	-	1,684	-	7,937	6,579
South Omo	13,280	2,382	-	2,003	-	-	3,835
Shaka	1,772	286	*	*	-	-	1,211
Kaffa	*	-	-	-	-	-	*
Gamo Gofa	5,760	2,073	-	-	-	-	-
Bench Maji	*	-	-	-	-	-	649
Yem Sp. Wereda	2,505	464	*	*	*	*	1,046
Dawro	497	*	-	-	-	-	*
Basketo Sp. Wereda	*	*	-	-	-	-	*
Konta Sp. Wereda	-	216	-	-	-	-	-
Silte	14,898	*	-	*	-	*	*
Alaba Sp. Wereda	-	-	-	-	-	-	-
Segen People	-	541	-	-	-	-	1,353
Gambela Region	*	*	-	*	-	-	*
Angnuwak	*	*	-	*	-	-	*
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	-	-	-	*
Itang Special	-	-	-	-	-	-	-
Harari	526	-	-	-	-	-	*
Hundene	526	-	-	-	-	-	*
Dire Dawa	6,343	782	312	628	*	1,915	2,707

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	271,465	40,958	11,109	35,030	10,557	25,072	148,737
Tigray	124,855	20,323	3,822	16,930	5,854	15,392	62,535
North West Tigray	8,427	1,326	*	*	-	-	5,219
Central Tigray	58,780	9,717	-	7,644	3,872	-	29,588
Eastern Tigray	35,478	4,520	-	4,037	-	-	19,109
Southern Tigray	19,947	3,668	-	-	*	-	8,167
Western Tigray	2,223	-	*	*	*	*	*
Afar	*	*	*	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	*	*	*	-	-	-	-
Amhara	34,360	6,114	-	-	-	-	24,440
North Gonder	-	-	*	*	*	-	-
South Gonder	-	*	-	*	-	*	-
North Wolo	2,266	-	*	-	*	*	1,303
South Wolo	6,246	2,302	-	*	*	*	-
North Shewa	4,217	-	-	-	-	-	3,475
East Gojam	4,236	-	*	-	-	-	3,800
West Gojam	-	-	*	*	-	-	-
Waghamera	-	*	*	*	*	*	-
Awi	3,628	-	*	-	*	-	2,149
Oromia	*	*	*	*	*	*	*
Argoba Special	*	*	-	*	-	-	*
Oromia	84,816	10,205	-	-	-	-	44,617
West Wellega	4,484	*	*	-	-	*	-
East Wellega	-	*	-	-	*	*	-
Illubabor	5,394	-	-	-	*	-	3,936
Jimma	*	*	-	*	-	*	*
West Shewa	10,496	-	-	*	*	*	6,488
North Shewa	-	-	*	*	*	*	-
East Shewa	-	-	-	-	*	-	-
Arsi	8,969	1,624	-	-	-	-	3,695
West Harerghe	*	*	*	*	-	*	-
East Harerghe	-	*	*	*	-	*	-
Bale	-	-	*	-	-	*	-
Borena	*	-	-	-	*	-	*
South West Shewa	-	-	*	*	-	*	-
Guji	-	-	-	-	-	-	-
West Arsi	-	-	-	*	-	*	-
Kelem Wellega	*	-	*	*	-	-	*
Horoguduru Wellega	*	*	-	-	-	-	*

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	2,508	-	*	*	*	-	1,197
Metekel	1,433	-	-	*	*	-	-
Asosa	*	-	*	*	-	*	*
Kemeshi	*	-	-	-	-	-	*
Mao Komo	*	-	-	-	-	-	*
SNNP	17,107	2,835	-	1,539	*	-	9,412
Gurage	*	*	*	*	*	*	-
Hadiya	-	*	-	*	-	*	-
Kembata Tembaro	3,089	*	*	*	-	*	-
Sidama	-	*	*	*	*	-	-
Gedio	*	-	-	-	-	*	*
Wolayita	-	*	*	-	-	-	-
South Omo	-	-	*	-	*	*	-
Shaka	-	-	-	*	-	-	-
Kaffa	*	*	*	*	*	-	*
Gamo Gofa	-	-	*	-	-	-	*
Bench Maji	*	*	*	*	-	*	-
Yem Sp. Wereda	1,436	291	*	*	-	*	-
Dawro	-	*	-	*	-	-	*
Basketo Sp. Wereda	*	*	-	-	-	-	*
Konta Sp. Wereda	*	-	*	-	-	-	*
Silte	-	*	*	*	-	*	*
Alaba Sp. Wereda	*	-	*	*	-	*	*
Segen People	*	-	*	*	*	*	-
Gambela Region	*	*	*	*	*	*	*
Angnuwak	*	-	*	*	*	-	-
Nuware	-	-	-	-	-	-	-
Mezhenger	*	*	-	*	*	*	*
Itang Special	-	-	-	-	-	-	-
Harari	-	*	*	*	-	-	*
Hundene	-	*	*	*	-	-	*
Dire Dawa	3,941	149	-	-	-	-	3,478

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

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Ethiopia	5,207,300	45,905,201	4,996,933	1.61	41,742,903	54,991	1.65	1,086,990	155,376	1.52	3,075,308
Tigray	229,626	3,271,658	168,315	1.52	2,207,707	*	1.36	*	59,751	1.47	1,053,202
North West Tigray	46,175	821,693	36,486	1.58	592,207	-	-	-	9,689	1.53	229,486
Central Tigray	71,192	1,222,070	51,923	1.41	816,441	-	*	-	19,269	1.22	405,629
Eastern Tigray	49,374	394,626	29,270	1.58	179,126	*	*	*	19,023	1.62	208,839
Southern Tigray	41,888	339,396	33,535	1.45	207,642	*	*	*	7,875	1.53	127,666
Western Tigray	20,997	493,873	17,102	1.78	412,291	-	-	-	*	1.72	*
Afar	*	*	*	*	*	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	*	-	-	*	-	-
Amhara	1,032,927	9,925,199	74,903.00	1.63	8,956,327	16,738	1.55	214,643	41,286	1.40	754,230
North Gonder	227,463	3,214,200	19,628.00	1.74	2,935,409	*	*	*	4,957	1.52	203,237
South Gonder	153,746	1,307,815	44,514.00	1.60	1,076,579	3,456	1.81	55,759	5,776	1.58	*
North Wolo	58,352	371,275	52,708	1.98	306,454	*	-	-	5,412	1.48	64,821
South Wolo	112,656	1,028,376	106,225	1.61	983,263	*	*	*	3,361	1.79	28,840
North Shewa	54,314	274,670	53,084	1.71	266,661	*	-	-	*	*	*
East Gojam	125,354	1,120,499	118,182	1.54	1,036,319	*	*	*	3,835	1.25	53,441
West Gojam	165,390	1,317,975	159,881	1.57	1,227,782	*	*	*	4,404	1.39	87,249
Waghamera	53,193	382,149	45,992	1.3	322,054	*	*	*	6,605	1.05	42,223
Awi	75,084	867,939	68,482	1.62	773,820	*	*	*	*	1.36	*
Oromia	6,416	35,075	5,314	1.11	22,987	*	*	*	*	*	*
Argoba Special	958	5,226	892	1.63	4,999	-	-	-	*	*	*
Oromia	2,723,783	20,282,133	2,666,980	1.51	18,771,401	25,375	1.8	708,952	31,427	1.83	801,780
West Wellega	292,680	1,226,667	291,498	1.05	1,214,771	*	*	4,563	*	*	*
East Wellega	176,532	471,304	174,428	1.13	458,079	*	1.22	*	*	*	*
Illubabor	482,357	2,187,051	475,388	1.22	2,135,784	*	1.58	33,843	*	1.32	*
Jimma	450,047	4,476,317	420,443	1.42	3,460,970	*	2	*	*	2.08	*
West Shewa	217,718	2,865,979	213,589	1.47	2,700,829	*	*	*	*	-	-
North Shewa	64,783	612,984	61,113	1.6	493,336	*	*	*	*	*	*
East Shewa	14,627	130,542	13,776	1.94	114,840	-	*	*	*	*	*
Arsi	107,734	891,049	105,329	1.61	840,235	*	*	*	*	*	*
West Harerghe	69,124	560,244	68,597	1.94	547,924	*	*	*	*	*	*
East Harerghe	45,535	273,589	43,685	1.69	261,297	-	-	-	1,849	*	*
Bale	139,306	1,349,801	138,760	1.5	1,346,235	-	-	-	*	*	*
Borena	98,829	751,423	98,512	1.68	743,478	-	-	-	*	*	*
South West Shewa	98,118	752,530	96,984	2.01	742,873	-	-	-	1,134	1.67	*
Guji	197,149	2,323,824	196,057	1.63	2,305,799	*	*	*	*	*	*
West Arsi	65,379	484,421	65,379	1.54	484,421	-	-	-	-	-	-
Kelem Wellega	108,403	*	108,068	1.07	*	-	-	-	*	*	*
Horoguduru Wellega	95,460	328,135	95,374	1.09	327,704	-	-	-	*	*	*

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	*	5,228	*	1.89	5,228	*	-	-	-	-	-
Shinele	*	*	-	*	*	*	-	-	-	-	-
Jijiga	*	5,032	*	1.89	5,032	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	259,664	1,960,992	254,735	1.34	1,751,898	*	*	*	*	*	*
Metekel	81,128	852,082	80,759	1.52	850,137	*	*	*	-	*	*
Asosa	115,471	*	110,910	1.17	500,112	*	*	*	*	*	*
Kemeshi	19,761	*	19,761	1.19	*	-	-	-	-	-	-
Mao Komo	43,305	325,867	43,305	1.34	325,867	-	-	-	-	-	-
SNNP	870,544	7,873,606	841,724	1.88	7,466,343	9,516	1.75	125,849	19,303	1.63	281,414
Gurage	48,912	383,400	43,631	2.31	275,546	*	*	*	5,070	*	*
Hadiya	65,961	1,007,717	65,682	2.31	1,006,880	*	*	*	-	-	-
Kembata Tembaro	31,925	259,847	28,392	2.04	222,331	*	*	*	*	*	*
Sidama	88,728	754,364	82,948	1.82	675,723	*	*	*	*	*	*
Gedio	36,887	209,055	36,489	1.19	206,469	*	*	*	-	-	-
Wolayita	47,527	511,907	38,958	2.84	*	*	*	*	*	*	*
South Omo	107,619	1,116,729	107,272	1.96	1,116,729	-	-	-	*	-	-
Shaka	67,081	507,238	66,146	1.1	497,008	*	*	*	*	*	*
Kaffa	125,330	972,098	123,916	1.19	962,844	*	*	*	*	*	*
Gamo Gofa	78,936	456,919	78,285	1.73	455,023	*	*	*	*	*	*
Bench Maji	51,495	*	51,402	1.89	*	*	*	*	-	-	-
Yem Sp. Wereda	9,799	80,591	9,599	1.79	78,161	*	*	*	*	*	*
Dawro	29,376	216,355	29,302	1.66	216,059	*	*	*	-	-	-
Basketo Sp. Wereda	4,217	23,007	4,217	1.6	23,007	-	-	-	-	-	-
Konta Sp. Wereda	6,079	56,545	6,079	1.89	56,545	-	-	-	-	-	-
Silte	28,177	193,300	27,590	2.07	188,282	-	-	-	*	*	*
Alaba Sp. Wereda	7,115	123,215	6,709	2	108,743	-	-	-	406	*	*
Segen People	35,377	189,462	35,105	1.54	173,121	*	*	*	-	*	-
Gambella Region	86,300	2,574,964	86,251	2.55	2,574,114	-	-	-	*	*	*
Agnuwak	*	*	*	2.64	*	-	-	-	*	*	*
Nuware	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	34,489	1,478,379	34,489	2.45	1,478,379	-	-	-	-	-	-
Itang Special	*	-	*	-	-	-	-	-	-	-	-
Harari	854	5,055	785	1.65	3,907	*	*	*	-	-	-
Hundene	854	5,055	785	1.65	3,907	*	*	*	-	-	-
Dire Dawa	1,003	3,222	893	1.67	2,834	*	*	*	-	-	-

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	9,736,395	4,713,153	5,023,242	4,041,702	2,447,200	1,594,502	722,455	284,515	437,940
Tigray	699,657	328,965	370,692	171,888	112,679	59,209	18,081	7,723	10,357
North West Tigray	253,323	120,623	132,700	26,403	14,912	11,491	*	*	*
Central Tigray	98,403	45,924	52,479	47,713	35,020	12,694	*	*	*
Eastern Tigray	75,239	36,639	38,600	28,939	20,117	8,822	1,161	*	*
Southern Tigray	128,242	60,249	67,993	50,932	34,610	16,323	5,802	2,661	3,141
Western Tigray	144,451	65,530	78,921	17,900	8,020	9,880	3,284	1,459	1,824
Afar	239,752	84,104	155,649	8,800	3,597	5,204	3,344	1,122	2,222
Zone 1	155,472	52,293	103,179	822	*	296	2,562	*	1,778
Zone 3	84,280	31,810	52,470	7,978	3,070	4,908	*	*	*
Amhara	2,148,654	1,066,981	1,081,674	1,153,009	791,926	361,083	70,705	23,557	47,148
North Gonder	498,072	244,810	253,262	151,207	102,956	48,251	*	6,409	*
South Gonder	238,292	117,855	120,437	120,148	78,346	41,802	8,149	2,915	5,235
North Wolo	166,203	83,035	83,168	91,088	60,969	30,119	11,749	3,770	7,978
South Wolo	276,768	140,059	136,709	169,498	110,809	58,690	7,840	*	7,120
North Shewa	177,914	83,373	94,541	131,652	97,374	34,278	12,952	2,127	10,825
East Gojam	224,699	118,580	106,119	188,560	125,372	63,188	5,364	1,781	3,584
West Gojam	306,065	148,233	157,832	198,404	154,908	43,496	4,676	*	2,653
Waghamera	49,645	23,811	25,834	12,131	6,522	5,609	3,129	1,572	1,557
Awi	156,930	81,136	75,794	71,608	42,588	29,020	*	1,364	*
Oromia	50,192	24,074	26,117	17,765	11,449	6,316	1,377	*	*
Argoba Special	3,876	2,015	1,860	946	633	313	314	178	135
Oromia	4,062,549	1,979,222	2,083,327	1,701,198	1,077,862	623,336	366,772	158,537	208,234
West Wellega	157,060	78,331	78,728	63,038	39,895	23,143	*	*	*
East Wellega	166,404	78,949	87,455	65,829	41,650	24,179	8,145	3,506	4,639
Illubabor	226,851	113,202	113,649	91,567	57,207	34,360	13,982	3,848	10,134
Jimma	405,688	210,141	195,547	163,655	107,629	56,027	136,263	75,607	60,656
West Shewa	343,772	169,302	174,470	193,371	141,680	51,690	15,632	8,082	7,550
North Shewa	237,652	114,795	122,858	137,123	80,415	56,708	30,907	10,893	20,015
East Shewa	136,536	68,292	68,244	65,953	44,994	20,959	12,485	5,025	7,460
Arsi	420,115	192,548	227,568	266,388	181,158	85,230	13,894	3,081	10,813
West Harerghe	199,467	98,607	100,861	111,975	67,715	44,260	32,486	12,466	20,020
East Harerghe	220,457	110,491	109,966	81,891	43,013	38,878	30,808	8,825	21,983
Bale	309,406	138,966	170,440	82,068	52,031	30,037	8,670	2,740	5,930
Borena	225,090	106,074	119,016	24,517	12,808	11,709	7,416	2,407	5,010
South West Shewa	148,182	74,009	74,174	91,344	52,126	39,218	20,343	10,924	9,419
Guji	270,971	130,897	140,075	69,236	34,151	35,085	4,585	*	3,521
West Arsi	411,704	206,024	205,680	100,877	61,645	39,232	20,365	*	14,406
Kelem Wellega	86,361	41,496	44,865	57,675	41,271	16,404	1,801	*	1,134
Horoguduru Wellega	96,832	47,100	49,732	34,691	18,474	16,217	2,398	861	1,537

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	154,371	72,253	82,118	3,669	2,041	1,628	1,515	*	*
Shinele	5,425	2,579	2,846	236	*	*	216	*	*
Jijiga	102,790	49,592	53,198	2,029	*	687	*	*	*
Liben	46,156	20,083	26,074	1,404	*	805	*	-	*
Benshangul-Gumuz	105,573	54,535	51,039	42,292	19,962	22,330	*	549	*
Metekel	81,795	42,094	39,702	21,437	10,787	10,651	1,279	431	848
Asosa	13,443	7,479	5,964	13,688	5,798	7,890	*	-	*
Kemeshi	7,418	3,588	3,829	5,053	2,354	2,700	*	*	*
Mao Komo	2,918	1,373	1,544	2,114	1,023	1,091	*	*	*
SNNP	2,240,701	1,089,124	1,151,577	939,251	428,455	510,796	250,490	90,251	160,238
Gurage	186,356	92,295	94,061	86,971	32,096	54,875	22,844	8,857	13,987
Hadiya	156,882	74,722	82,160	88,225	47,254	40,972	23,345	8,706	14,639
Kembata Tembaro	80,332	37,709	42,623	35,131	16,378	18,753	14,559	5,966	8,593
Sidama	532,758	263,419	269,339	167,372	25,627	141,746	11,797	*	9,983
Gedio	13,796	7,769	6,027	47,267	31,522	15,745	*	*	*
Wolayita	173,830	87,947	85,883	134,690	73,455	61,235	11,682	*	6,044
South Omo	198,022	91,887	106,135	25,967	13,752	12,215	32,951	12,257	20,694
Shaka	34,603	16,507	18,096	13,963	7,671	6,292	9,357	3,123	6,234
Kaffa	215,720	98,968	116,752	64,312	38,410	25,902	27,398	9,596	17,802
Gamo Gofa	268,835	136,696	132,139	107,080	52,662	54,419	39,270	10,953	28,317
Bench Maji	73,034	36,095	36,939	39,716	22,083	17,633	25,991	8,638	17,353
Yem Sp. Wereda	10,145	4,467	5,678	7,085	4,243	2,842	2,006	959	1,048
Dawro	71,458	34,814	36,643	25,160	10,675	14,485	2,973	1,255	1,718
Basketo Sp. Wereda	8,616	4,055	4,561	4,392	2,201	2,191	2,601	794	1,806
Konta Sp. Wereda	20,823	9,470	11,353	13,943	7,098	6,845	*	503	*
Silte	105,235	46,341	58,894	49,282	23,996	25,286	10,435	5,320	5,115
Alaba Sp. Wereda	30,200	14,885	15,316	7,677	4,588	3,089	7,487	3,559	3,928
Segen People	60,055	31,076	28,979	21,018	14,746	6,272	4,301	1,959	2,341
Gambela Region	64,583	28,244	36,338	16,722	7,957	8,765	6,309	1,664	4,645
Angnuwak	5,118	2,464	2,654	4,913	3,661	1,252	*	*	*
Nuware	49,333	21,231	28,101	6,345	1,781	4,564	4,613	1,303	3,310
Mezhenger	7,342	3,334	4,008	5,413	2,511	2,902	*	*	*
Itang Special	2,790	1,214	1,575	*	*	*	*	*	*
Harari	11,040	5,159	5,880	2,444	1,248	1,195	618	359	259
Hundene	11,040	5,159	5,880	2,444	1,248	1,195	618	359	259
Dire Dawa	9,515	4,566	4,948	2,429	1,474	955	921	312	609

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	11,100,572	5,244,294	5,856,278	3,961,624	2,021,666	1,939,958	516,932	105,211	411,721
Tigray	544,287	252,762	291,524	141,479	62,722	78,757	8,167	3,526	4,640
North West Tigray	33,269	15,768	17,501	5,460	*	4,795	-	-	-
Central Tigray	119,759	54,713	65,046	17,655	3,633	14,022	*	*	*
Eastern Tigray	239,668	111,225	128,443	47,948	21,093	26,855	3,114	*	*
Southern Tigray	116,488	53,842	62,646	64,648	35,925	28,724	*	*	*
Western Tigray	35,103	17,214	17,889	5,768	*	4,362	*	*	*
Afar	294,740	109,432	185,308	10,488	4,893	5,595	4,034	*	*
Zone 1	188,096	71,603	116,494	4,980	2,623	2,357	3,961	*	*
Zone 3	106,644	37,830	68,814	5,508	2,270	3,238	*	-	*
Amhara	4,092,812	1,993,636	2,099,176	2,070,728	1,151,661	919,067	158,407	30,604	127,803
North Gonder	378,682	162,851	215,831	126,440	71,982	54,457	*	*	*
South Gonder	467,158	235,115	232,042	138,300	62,099	76,201	5,515	*	5,064
North Wolo	356,026	173,026	183,000	125,024	60,739	64,284	24,953	3,176	21,778
South Wolo	699,478	336,695	362,784	340,430	202,723	137,707	49,532	*	43,210
North Shewa	736,265	342,927	393,338	139,607	91,809	47,798	37,254	12,173	25,081
East Gojam	649,867	339,034	310,833	603,708	296,242	307,466	*	*	*
West Gojam	492,378	255,475	236,903	326,051	216,223	109,828	3,335	*	2,907
Waghamera	53,905	21,796	32,109	10,519	5,845	4,673	*	*	*
Awi	219,604	108,196	111,408	239,053	133,216	105,838	9,636	1,328	8,308
Oromia	38,406	18,005	*	20,579	10,463	10,117	*	-	*
Argoba Special	1,043	516	527	1,018	*	698	-	-	-
Oromia	4,147,592	1,966,306	2,181,286	1,221,451	615,216	606,235	209,237	42,462	166,775
West Wellega	140,910	71,053	69,857	40,156	11,355	28,801	*	*	*
East Wellega	116,086	57,861	58,225	40,697	21,625	19,072	5,487	894	4,593
Illubabor	197,229	94,257	102,972	48,301	13,646	34,655	11,082	788	10,294
Jimma	420,173	213,389	206,784	114,887	52,996	61,891	73,345	4,854	68,491
West Shewa	436,039	213,273	222,766	69,702	32,262	37,441	4,587	*	4,265
North Shewa	567,164	273,664	293,500	325,287	250,569	74,718	65,306	28,478	36,829
East Shewa	131,901	63,460	68,441	31,188	10,536	20,652	2,648	*	1,892
Arsi	688,051	308,977	379,073	155,640	63,517	92,123	12,416	*	11,788
West Harerghe	78,649	35,670	42,980	15,712	1,808	13,904	4,230	*	3,708
East Harerghe	125,813	59,184	66,629	47,932	20,676	27,256	9,537	1,570	7,967
Bale	146,684	67,641	79,043	30,982	6,599	24,383	*	*	*
Borena	139,208	60,757	78,451	17,305	1,923	15,382	1,562	*	1,340
South West Shewa	160,985	75,384	85,601	89,671	58,322	*	*	*	*
Guji	160,418	70,850	89,568	43,104	10,424	32,679	*	-	*
West Arsi	397,162	185,865	211,297	86,859	*	52,720	3,045	*	*
Kelem Wellega	137,026	63,575	73,451	37,829	11,919	25,910	*	*	*
Horoguduru Wellega	104,094	51,447	52,648	26,200	12,901	13,299	*	*	*

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	384,753	160,008	224,744	9,182	3,688	5,494	3,009	1,664	1,345
Shinele	19,226	8,890	10,336	885	513	372	570	187	383
Jijiga	280,706	115,381	165,325	4,133	1,340	2,793	*	*	*
Liben	84,821	35,737	49,083	4,164	1,835	2,329	*	*	*
Benshangul-Gumuz	50,723	23,903	26,819	15,988	6,382	9,606	868	*	589
Metekel	29,017	13,511	15,505	7,020	2,979	4,040	435	-	435
Asosa	10,589	4,596	5,992	5,188	2,026	3,162	*	*	-
Kemeshi	5,087	3,066	2,021	2,196	*	1,153	*	-	*
Mao Komo	6,031	2,730	3,301	1,585	*	1,251	147	-	147
SNNP	1,537,840	715,821	822,019	480,945	169,809	311,135	130,944	24,137	106,808
Gurage	145,937	64,514	81,422	29,518	11,617	17,901	6,747	*	5,996
Hadiya	97,631	45,859	51,772	28,838	8,338	20,499	8,526	*	7,777
Kembata Tembaro	30,151	15,910	14,241	18,055	10,984	7,072	8,455	2,026	6,429
Sidama	159,002	78,645	80,357	64,908	11,761	53,147	*	*	*
Gedio	69,252	32,014	37,238	42,559	15,245	27,313	*	-	*
Wolayita	69,328	34,480	34,848	56,031	16,029	40,001	6,701	1,578	5,123
South Omo	238,809	102,146	136,663	21,664	5,507	16,157	24,141	*	15,519
Shaka	28,690	12,364	16,327	21,098	13,318	7,781	2,251	*	2,140
Kaffa	225,044	106,312	118,732	50,509	24,502	26,007	21,654	1,335	20,319
Gamo Gofa	165,380	71,065	94,315	52,841	21,242	31,599	19,664	2,096	17,568
Bench Maji	62,999	32,618	30,382	26,805	12,265	14,540	11,728	1,072	10,656
Yem Sp. Wereda	13,918	6,561	7,357	2,470	625	1,845	920	133	787
Dawro	40,975	19,617	21,359	16,440	6,390	10,050	1,198	*	862
Basketo Sp. Wereda	7,072	3,366	3,706	2,387	630	1,757	519	*	413
Konta Sp. Wereda	7,860	4,092	3,768	8,170	4,442	3,728	*	*	*
Silte	113,208	54,931	58,277	29,218	4,567	24,651	6,318	*	5,159
Alaba Sp. Wereda	21,511	10,200	11,312	2,324	*	1,984	2,374	*	2,209
Segen People	41,072	21,128	19,944	7,109	2,007	5,103	2,332	692	1,641
Gambela Region	18,295	7,949	10,346	7,957	5,338	2,619	673	361	312
Angnuwak	701	*	289	*	*	241	*	*	*
Nuware	14,304	5,834	8,470	1,402	616	785	*	*	*
Mezhenger	2,990	1,565	1,425	5,870	4,319	1,551	*	*	-
Itang Special	*	*	*	52	*	*	-	-	-
Harari	2,196	964	1,233	594	269	325	*	*	*
Hundene	2,196	964	1,233	594	269	325	*	*	*
Dire Dawa	27,333	13,512	13,821	2,812	1,688	1,124	1,474	430	1,045

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	9,612,724	4,418,099	5,194,625	1,860,273	716,043	1,144,230	282,490	55,645	226,846
Tigray	1,208,236	530,658	677,578	147,871	47,861	100,011	9,013	3,681	5,332
North West Tigray	443,062	185,150	257,912	38,569	6,125	32,445	1,068	*	*
Central Tigray	350,876	157,169	193,707	29,894	11,688	18,206	4,147	*	3,485
Eastern Tigray	82,399	40,257	42,142	20,092	8,076	12,016	*	*	*
Southern Tigray	159,054	69,454	89,600	39,469	16,152	23,317	*	*	*
Western Tigray	172,845	78,629	94,216	19,847	5,820	14,028	*	-	*
Afar	591,402	207,697	383,705	22,265	13,592	8,674	3,264	*	2,426
Zone 1	370,543	128,841	241,702	*	*	3,220	2,320	*	2,086
Zone 3	220,859	78,857	142,002	11,351	5,898	5,453	*	*	*
Amhara	2,439,654	1,177,218	1,262,436	766,988	378,252	388,736	56,409	10,822	45,586
North Gonder	679,801	325,419	354,382	136,034	58,136	77,897	*	*	*
South Gonder	157,708	74,972	82,736	78,568	39,420	39,148	*	*	-
North Wolo	233,043	113,654	119,389	106,472	50,223	56,249	15,069	3,462	11,607
South Wolo	287,997	147,575	140,422	140,214	62,734	77,480	*	*	*
North Shewa	353,495	167,045	186,449	103,377	69,080	34,297	7,079	*	5,312
East Gojam	201,973	103,697	98,276	68,608	30,966	37,642	*	-	*
West Gojam	187,722	93,326	94,396	37,887	22,819	15,068	-	-	-
Waghamera	179,683	75,893	103,790	28,597	11,085	17,512	*	*	*
Awi	63,970	30,753	33,218	40,351	25,694	14,656	*	*	*
Oromia	84,255	39,936	44,319	23,814	7,481	16,333	*	*	5,606
Argoba Special	10,007	4,950	5,057	3,067	612	2,454	234	*	189
Oromia	3,238,536	1,552,428	1,686,108	568,670	165,159	403,511	123,842	17,649	106,193
West Wellega	90,152	47,472	42,680	17,310	3,196	14,114	*	*	*
East Wellega	81,640	41,133	40,508	17,730	7,647	10,083	1,695	*	1,580
Illubabor	109,139	55,055	54,084	28,848	5,177	23,671	11,430	2,639	8,790
Jimma	161,666	77,107	84,559	26,626	9,325	17,301	20,217	*	19,879
West Shewa	212,502	103,740	108,762	26,574	8,086	18,488	*	-	*
North Shewa	117,904	57,129	60,775	19,669	10,876	8,793	2,747	-	2,747
East Shewa	229,492	106,607	122,885	27,432	8,934	18,498	5,502	*	4,428
Arsi	263,780	119,323	144,457	72,695	18,354	54,340	4,449	*	*
West Harerghe	313,494	143,352	170,142	63,418	16,422	46,996	20,119	3,447	16,672
East Harerghe	358,135	188,497	169,638	75,128	30,954	44,174	28,662	6,394	22,268
Bale	343,134	167,918	175,216	55,849	10,453	45,396	4,543	*	4,161
Borena	322,256	142,486	179,770	21,070	2,648	18,422	8,134	*	7,355
South West Shewa	133,063	62,467	70,596	34,688	14,380	20,308	3,811	*	3,534
Guji	190,717	85,605	105,112	15,662	3,239	12,424	1,241	-	1,241
West Arsi	159,083	79,777	79,306	21,896	4,251	17,645	*	*	*
Kelem Wellega	64,721	29,960	34,762	31,066	6,223	24,843	*	*	*
Horoguduru Wellega	87,657	44,800	42,857	13,010	4,994	8,016	*	-	*

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	511,743	210,361	301,382	21,201	7,778	13,423	6,856	2,425	4,431
Shinele	60,137	25,011	35,126	3,178	2,378	799	1,349	311	1,038
Jijiga	227,369	92,983	134,386	5,084	*	3,550	3,001	*	1,356
Liben	224,237	92,367	131,870	12,939	3,866	9,073	2,506	*	2,036
Benshangul-Gumuz	233,784	103,973	129,811	45,211	10,605	34,607	1,061	*	757
Metekel	84,066	38,838	45,227	15,527	4,387	11,140	-	-	-
Asosa	95,862	40,044	55,818	19,899	4,999	14,900	*	*	*
Kemeshi	39,555	18,171	21,384	6,988	934	6,054	*	*	*
Mao Komo	14,301	6,919	7,382	2,798	285	2,512	*	-	*
SNNP	1,262,389	578,980	683,409	272,179	85,574	186,604	77,809	19,005	58,804
Gurage	53,465	25,328	28,137	10,598	3,863	6,735	*	-	*
Hadiya	57,487	28,986	28,502	19,530	3,314	16,216	5,335	1,062	4,273
Kembata Tembaro	18,433	8,085	10,347	8,329	1,948	6,381	2,875	*	2,607
Sidama	90,963	43,992	46,971	43,870	10,521	33,348	*	*	*
Gedio	3,072	1,918	1,154	1,780	*	1,242	-	-	-
Wolayita	42,111	20,343	21,768	28,279	7,792	20,487	*	-	*
South Omo	425,378	179,021	246,357	33,984	*	14,925	23,733	*	12,760
Shaka	11,738	5,442	6,296	5,945	2,868	3,077	1,679	*	1,385
Kaffa	126,693	60,066	66,628	23,643	8,197	15,446	13,903	1,113	12,790
Gamo Gofa	138,912	71,136	67,776	33,694	7,690	26,004	8,308	*	7,338
Bench Maji	35,354	14,378	20,976	17,431	*	7,757	4,716	447	4,269
Yem Sp. Wereda	13,342	6,906	6,435	2,364	375	1,989	1,549	*	1,493
Dawro	29,412	13,680	15,732	7,327	1,876	5,451	*	*	*
Basketo Sp. Wereda	5,161	2,574	2,587	1,886	523	1,363	314	*	171
Konta Sp. Wereda	7,763	3,706	4,056	3,844	1,032	2,812	*	*	*
Silte	71,395	30,630	40,765	14,977	3,217	11,760	1,524	-	1,524
Alaba Sp. Wereda	27,055	12,068	14,987	1,653	-	1,653	2,421	*	1,948
Segen People	104,654	50,720	53,934	13,045	3,085	9,959	3,225	*	*
Gambela Region	33,601	14,269	19,332	6,587	2,498	4,089	1,680	538	1,142
Angnuwak	8,231	3,610	4,621	1,926	647	1,280	1,099	*	799
Nuware	22,881	9,500	13,381	2,642	*	2,027	*	*	*
Mezhenger	1,053	600	453	1,874	1,202	672	*	*	*
Itang Special	1,436	559	877	*	*	*	*	*	*
Harari	19,393	9,471	9,922	2,526	1,290	1,236	595	*	540
Hundene	19,393	9,471	9,922	2,526	1,290	1,236	595	*	540
Dire Dawa	73,986	33,044	40,943	6,774	3,435	3,340	1,962	326	1,636

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	224,700	115,622	109,078	247,221	141,809	105,412	15,239	5,211	10,027
Tigray	*	10,526	*	1,827	936	*	-	-	-
North West Tigray	*	*	-	-	-	-	-	-	-
Central Tigray	*	*	*	960	*	*	-	-	-
Eastern Tigray	*	*	-	*	*	-	-	-	-
Southern Tigray	*	-	*	-	-	-	-	-	-
Western Tigray	*	*	*	*	*	*	-	-	-
Afar	*	*	*	*	*	-	-	-	-
Zone 1	-	-	-	*	*	-	-	-	-
Zone 3	*	*	*	-	-	-	-	-	-
Amhara	57,888	30,749	27,139	84,223	44,678	39,546	*	*	*
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	-	-	-	-	-	-	-
North Wolo	*	*	*	*	*	3,712	-	-	-
South Wolo	4,635	*	3,409	10,933	4,012	6,921	*	-	*
North Shewa	*	*	*	10,588	4,933	5,655	*	*	*
East Gojam	12,222	6,956	5,266	*	*	*	-	-	-
West Gojam	*	*	-	*	*	*	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	*	*	2,958	9,867	5,564	4,303	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Argoba Special	*	*	*	*	*	-	-	-	-
Oromia	121,193	61,511	59,681	114,581	69,664	44,917	8,574	3,144	5,431
West Wellega	*	*	-	*	*	*	-	-	-
East Wellega	*	*	*	*	*	-	-	-	-
Illubabor	7,250	4,073	3,177	4,993	2,605	2,388	*	*	*
Jimma	5,556	*	*	11,496	8,075	3,421	4,362	*	*
West Shewa	10,080	5,628	4,451	8,702	6,019	2,683	*	*	-
North Shewa	13,706	5,832	7,874	7,243	4,681	2,562	1,540	*	*
East Shewa	-	-	-	2,260	2,001	*	-	-	-
Arsi	32,692	16,297	16,395	27,915	13,666	14,248	*	*	-
West Harerghe	*	-	*	-	-	-	-	-	-
East Harerghe	-	-	-	-	-	-	-	-	-
Bale	9,135	4,040	5,095	6,830	4,254	2,576	*	*	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	*	*	*	6,657	4,982	*	*	-	*
Guji	16,171	9,532	6,639	16,899	11,528	5,371	-	-	-
West Arsi	14,939	8,785	6,154	16,027	8,308	*	*	*	*
Kelem Wellega	*	*	*	1,708	*	*	-	-	-
Horoguduru Wellega	5,203	2,261	2,942	2,697	1,589	1,107	-	-	-

TABLE 3-19 - d CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	-	-	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	*	*	-	*	*	*	*	*	-
Metekel	*	*	-	*	*	*	*	*	-
Asosa	-	-	-	*	*	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	25,851	12,166	13,686	45,766	26,033	19,734	3,862	1,605	2,257
Gurage	*	*	1,988	6,318	3,580	2,738	*	-	*
Hadiya	*	*	*	4,614	3,137	*	*	*	*
Kembata Tembaro	*	*	-	943	801	*	709	*	*
Sidama	*	*	*	7,344	*	*	-	-	-
Gedio	*	*	*	3,280	1,896	*	-	-	-
Wolayita	-	-	-	*	*	-	-	-	-
South Omo	*	*	*	*	*	*	*	*	*
Shaka	*	*	*	709	405	*	-	-	-
Kaffa	*	*	*	6,448	5,043	1,405	*	*	*
Gamo Gofa	3,974	*	2,296	*	*	*	*	-	*
Bench Maji	1,076	*	*	*	*	*	*	*	*
Yem Sp. Wereda	*	*	-	*	-	*	-	-	-
Dawro	*	*	*	429	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	-	-	-
Konta Sp. Wereda	*	*	*	*	*	*	-	-	-
Silte	2,295	*	*	*	*	*	-	-	-
Alaba Sp. Wereda	*	*	*	524	446	*	*	-	*
Segen People	*	*	*	*	-	*	-	-	-
Gambela Region	*	*	*	*	*	*	*	*	*
Angnuwak	-	-	-	*	*	*	*	*	*
Nuware	*	*	*	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	*	*	*	-	-	-	*	*	-

e. Donkeys

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	598,384	303,045	295,339	694,104	405,928	288,176	32,622	11,658	20,964
Tigray	58,779	32,494	26,285	58,450	39,144	19,306	*	*	*
North West Tigray	14,260	7,238	7,023	9,772	5,288	4,484	*	*	-
Central Tigray	14,353	8,764	5,589	14,862	9,213	5,649	-	-	-
Eastern Tigray	8,873	5,267	3,606	11,364	7,682	3,682	*	*	-
Southern Tigray	18,242	8,948	9,294	16,225	11,629	4,596	*	-	*
Western Tigray	3,051	2,277	773	6,227	5,331	896	-	-	-
Afar	5,505	3,360	2,145	*	*	*	*	-	*
Zone 1	4,714	3,080	1,634	*	*	*	*	-	*
Zone 3	791	280	511	*	*	*	-	-	-
Amhara	234,636	119,413	115,223	296,040	162,099	133,941	5,643	1,549	4,094
North Gonder	33,792	18,831	14,961	28,360	15,792	12,568	-	-	-
South Gonder	33,143	17,752	15,391	31,545	11,988	19,557	*	*	-
North Wolo	25,555	11,669	13,886	26,223	13,263	12,960	*	*	*
South Wolo	35,005	18,670	16,334	52,880	29,083	23,797	*	*	*
North Shewa	29,287	14,436	14,851	32,304	21,975	10,329	*	-	*
East Gojam	35,436	18,654	16,782	60,859	31,710	29,149	*	-	*
West Gojam	27,187	11,824	15,362	27,468	13,240	14,228	-	-	-
Waghamera	4,123	2,134	1,989	10,993	5,959	5,033	*	*	-
Awi	7,009	3,836	3,174	21,698	18,100	3,598	*	-	*
Oromia	3,483	1,310	2,172	3,398	*	2,585	*	-	*
Argoba Special	614	295	320	311	175	136	*	-	*
Oromia	251,302	123,997	127,305	251,996	147,510	104,486	19,207	7,775	11,431
West Wellega	12,859	6,181	6,678	14,863	7,258	7,605	*	*	*
East Wellega	10,084	4,705	5,379	12,875	8,723	4,152	-	-	-
Illubabor	3,795	1,236	2,559	7,585	4,915	2,669	-	-	-
Jimma	5,018	2,976	2,041	12,772	10,844	*	1,529	-	1,529
West Shewa	19,922	11,015	8,907	14,786	7,129	7,657	-	-	-
North Shewa	35,050	17,889	17,161	18,473	10,269	8,204	*	*	*
East Shewa	16,119	7,840	8,279	17,102	11,031	6,072	1,465	*	*
Arsi	42,064	19,412	22,652	42,411	20,852	21,559	1,845	-	1,845
West Harerghe	20,701	10,571	10,130	18,349	10,257	8,093	4,296	*	2,771
East Harerghe	16,378	6,038	10,340	15,090	10,261	4,829	4,959	3,601	1,358
Bale	17,687	7,828	9,859	24,138	14,462	9,676	*	*	*
Borena	4,283	1,980	2,303	2,911	2,242	*	*	*	*
South West Shewa	16,255	9,242	7,013	14,406	6,546	7,860	*	-	*
Guji	4,596	2,130	2,466	5,149	2,760	2,389	-	-	-
West Arsi	13,216	7,534	5,682	10,522	6,297	4,226	*	*	*
Kelem Wellega	3,391	2,191	1,200	13,395	10,037	3,357	-	-	-
Horoguduru Wellega	9,885	5,229	4,656	7,169	3,627	3,542	-	-	-

TABLE 3-19 - e CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	6,923	3,717	3,205	1,702	1,487	*	*	*	*
Shinele	529	190	339	189	*	98	*	*	*
Jijiga	5,199	*	2,579	*	*	*	*	*	*
Liben	1,195	907	*	*	*	-	-	-	-
Benshangul-Gumuz	5,063	2,834	2,230	16,157	13,160	2,997	*	*	*
Metekel	944	*	*	6,522	5,684	*	*	*	-
Asosa	3,714	1,982	1,732	4,782	2,883	1,899	-	-	-
Kemeshi	*	*	*	*	*	*	*	*	*
Mao Komo	271	165	106	642	494	148	-	-	-
SNNP	34,913	16,487	18,426	67,601	41,592	26,009	6,267	1,563	4,703
Gurage	5,296	3,697	*	3,044	1,847	1,198	*	-	*
Hadiya	6,026	*	3,722	11,485	5,684	5,801	1,341	*	*
Kembata Tembaro	*	*	-	4,596	4,036	*	-	-	-
Sidama	*	*	-	8,007	8,007	-	-	-	-
Gedio	*	-	*	*	*	-	-	-	-
Wolayita	*	*	*	11,940	10,902	*	-	-	-
South Omo	*	*	*	*	*	*	*	*	*
Shaka	-	-	-	596	495	*	-	-	-
Kaffa	*	*	*	*	*	*	-	-	-
Gamo Gofa	*	*	*	7,442	3,368	4,074	-	-	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	*	*	*	351	*	130	-	-	-
Dawro	*	-	*	570	485	*	*	-	*
Basketo Sp. Wereda	*	*	*	271	*	175	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	6,490	2,447	4,043	11,507	2,379	9,128	2,666	*	2,071
Alaba Sp. Wereda	3,773	1,651	2,123	2,599	572	2,027	*	*	*
Segen People	1,608	*	807	2,451	1,588	863	*	*	*
Gambela Region	*	-	*	*	*	-	-	-	-
Angnuwak	*	-	*	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	*	*	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	475	387	*	*	-	*
Hundene	*	*	*	475	387	*	*	-	*
Dire Dawa	1,064	652	412	329	*	278	*	*	188

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	24,564	10,129	14,435	58,513	30,397	28,116	2,163	*	1,433
Tigray	*	*	*	1,272	1,078	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	*	-	-	-	-	-	-
Eastern Tigray	-	-	-	*	*	-	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	*	*	-	*	*	-	-	-	-
Afar	-	-	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Amhara	13,385	5,929	7,456	25,918	13,496	12,423	*	*	-
North Gonder	-	-	-	*	*	-	-	-	-
South Gonder	*	*	*	1,647	*	*	-	-	-
North Wolo	*	*	*	*	*	*	-	-	-
South Wolo	7,244	3,665	3,579	4,545	1,623	2,922	-	-	-
North Shewa	*	*	-	*	*	*	-	-	-
East Gojam	*	-	*	*	*	-	-	-	-
West Gojam	*	*	*	5,818	2,404	3,414	-	-	-
Waghamera	-	-	-	*	*	*	-	-	-
Awi	*	*	*	3,994	3,718	*	*	*	-
Oromia	-	-	-	*	*	-	-	-	-
Argoba Special	-	-	-	-	-	-	-	-	-
Oromia	6,855	2,621	4,234	22,040	10,742	11,298	*	-	*
West Wellega	-	-	-	*	*	*	-	-	-
East Wellega	-	-	-	*	*	*	-	-	-
Illubabor	*	*	*	1,106	*	*	*	-	*
Jimma	*	*	*	3,603	*	3,301	*	-	*
West Shewa	*	*	*	1,335	*	*	-	-	-
North Shewa	*	*	*	*	*	*	-	-	-
East Shewa	-	-	-	1,527	1,527	-	-	-	-
Arsi	*	-	*	3,092	1,827	1,265	-	-	-
West Harerghe	-	-	-	*	*	*	*	-	*
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	*	*	*	4,100	2,296	1,803	-	-	-
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	-	-	-	*	*	*	-	-	-
Guji	*	-	*	*	*	*	*	-	*
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	*	-	*	1,580	*	682	-	-	-
Horoguduru Wellega	*	*	-	*	*	-	-	-	-

TABLE 3-19 - f CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-	-	-
Jijiga	*	*	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	*	*	*	*	*	-
Metekel	-	-	-	*	*	*	*	*	-
Asosa	-	-	-	*	-	*	-	-	-
Kemeshi	-	-	-	*	*	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	*	*	*	8104	4301	3803	855	*	*
Gurage	-	-	-	*	*	*	-	-	-
Hadiya	-	-	-	*	*	*	-	-	-
Kembata Tembaro	*	-	*	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	*	*	*	-	-	-
Wolayita	*	*	*	*	*	*	-	-	-
South Omo	*	*	*	480	*	*	*	-	*
Shaka	-	-	-	*	*	-	-	-	-
Kaffa	-	-	-	*	*	*	*	*	-
Gamo Gofa	*	-	*	2035	*	*	-	-	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	-	-	-	*	*	-	-	-	-
Dawro	*	*	*	1054	516	538	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	-	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	-	-	-	*	-	*	*	*	-
Alaba Sp. Wereda	*	*	-	*	-	*	-	-	-
Segen People	*	-	*	*	*	*	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	120,534	51,343	69,190	63,407	56,742	6,665	4,667	3,557	*
Tigray	1,410	1,044	*	13,538	13,538	-	*	*	-
North West Tigray	*	*	-	*	*	-	-	-	-
Central Tigray	-	-	-	*	*	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	-	*	10,100	10,100	-	*	*	-
Western Tigray	*	*	*	*	*	-	-	-	-
Afar	34,205	11,424	22,780	1,309	360	*	*	*	*
Zone 1	15,212	5,008	10,204	*	*	*	-	-	-
Zone 3	18,993	6,417	12,576	*	*	*	*	*	*
Amhara	*	-	*	*	*	*	*	*	-
North Gonder	-	-	-	*	*	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	-	-	-	*	*	-	*	*	-
South Wolo	-	-	-	*	*	-	*	*	-
North Shewa	-	-	-	*	3,061	*	-	-	-
East Gojam	*	-	*	*	*	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	3,196	2,984	*	*	*	-
Argoba Special	-	-	-	221	221	-	-	-	-
Oromia	53,962	25,672	28,290	5,724	2,328	3,396	*	*	*
West Wellega	*	*	*	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	*	-	*	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	*	*	-	*	*	*
Arsi	*	*	*	*	-	*	-	-	-
West Harerghe	8,880	2,821	6,059	*	-	*	-	-	-
East Harerghe	10,744	6,358	4,386	*	*	*	-	-	-
Bale	*	*	*	*	*	*	-	-	-
Borena	*	2,469	*	1,782	*	*	*	-	*
South West Shewa	-	-	-	-	-	-	-	-	-
Guji	8,854	*	*	*	*	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-	-	-	-

TABLE 3-19 - g CONT'D

Geographic Area	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	29,269	12,915	16,354	1,219	696	*	*	*	*
Shinele	1,772	1,002	769	*	*	*	*	*	*
Jijiga	12,650	4,988	7,662	-	-	-	*	*	-
Liben	14,847	6,925	7,922	*	613	*	*	*	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	*	*	*	*	-	*
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	*	-	*	-	-	-
South Omo	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	*	-	*	-	-	-
Gamo Gofa	-	-	-	-	-	-	*	-	*
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	-	-	-	*	*	*	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	-	*	-	-	-
Hundene	*	*	*	*	-	*	-	-	-
Dire Dawa	656	249	408	*	*	*	-	-	-

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	79,054,318	9,368,135	536,032
Tigray	8,742,266	781,474	54,076
North West Tigray	3,286,686	107,678	17,950
Central Tigray	1,835,016	256,017	12,121
Eastern Tigray	826,867	111,914	11,212
Southern Tigray	1,580,110	217,397	8,927
Western Tigray	1,213,588	88,468	3,866
Afar	38,858	2,700	*
Zone 1	*	*	-
Zone 3	32,587	2,500	*
Amhara	29,730,609	4,152,110	112,141
North Gonder	9,262,728	723,060	21,330
South Gonder	3,230,560	506,400	13,315
North Wolo	1,611,398	342,686	8,595
South Wolo	1,759,498	650,192	17,769
North Shewa	2,419,916	602,442	16,210
East Gojam	1,531,192	363,037	7,869
West Gojam	6,512,780	599,772	15,472
Waghamera	594,044	68,056	3,164
Awi	2,220,732	248,144	6,557
Oromia	528,640	44,562	1,740
Argoba Special	59,121	3,758	123
Oromia	24,938,842	2,702,195	240,195
West Wellega	2,562,421	171,081	8,108
East Wellega	1,204,608	106,847	10,627
Illubabor	1,561,061	129,363	17,081
Jimma	2,075,807	166,328	44,315
West Shewa	1,515,137	371,794	16,747
North Shewa	708,602	134,525	*
East Shewa	1,513,352	154,007	*
Arsi	2,709,680	471,538	20,453
West Harerghe	2,218,955	135,722	21,376
East Harerghe	1,773,692	79,906	43,276
Bale	1,108,107	129,875	4,602
Borena	667,118	66,854	3,541
South West Shewa	1,018,773	167,061	11,721
Guji	1,000,940	79,214	2,817
West Arsi	1,189,560	139,291	*
Kelem Wellega	1,316,613	121,140	9,065
Horoguduru Wellega	794,418	77,649	1,650

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	90,007	4320	959
Shinele	6,924	*	268
Jijiga	*	-	*
Liben	78,546	3,927	458
Benshangul-Gumuz	2,103,072	155,657	3,571
Metekel	994,196	62,651	*
Asosa	778,902	67,388	2,710
Kemeshi	207,723	16,762	*
Mao Komo	122,252	8,856	*
SNNP	12,881,145	1,537,192	115,230
Gurage	454,560	136,320	*
Hadiya	1,306,607	103,751	20,688
Kembata Tembaro	467,105	55,424	6,839
Sidama	1,746,670	324,852	*
Gedio	303,177	119,593	*
Wolayita	1,033,701	129,918	10,323
South Omo	539,965	46,146	9,825
Shaka	484,969	59,970	2,292
Kaffa	2,252,867	132,916	13,483
Gamo Gofa	1,416,246	125,312	13,204
Bench Maji	1,072,575	100,927	6,110
Yem Sp. Wereda	62,062	8,618	1,699
Dawro	177,711	25,825	*
Basketo Sp. Wereda	67,654	8,373	386
Konta Sp. Wereda	132,425	15,556	*
Silte	706,674	89,096	8,000
Alaba Sp. Wereda	215,205	12,104	4,927
Segen People	440,971	42,491	4,014
Gambela Region	389,958	29,350	*
Angnuwak	176,493	6,345	*
Nuware	64,947	2,495	-
Mezhenger	82,893	19,160	670
Itang Special	65,625	1,350	*
Harari	50,151	1,595	1,126
Hundene	50,151	1,595	1,126
Dire Dawa	89,410	1,542	3,034

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

a. Cattle

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	5,755,743	3,485,221	2,270,523	338,150	78,411	159,739	3,663,778	1,608,326	2,055,452	602,270	239,263	363,006
Tigray	256,089	165,241	90,848	33,714	17,084	16,630	207,096	88,470	118,626	36,163	17,635	18,527
North West Tigray	69,693	40,054	29,639	8,568	3,664	4,905	76,711	30,574	46,137	11,830	5,549	6,280
Central Tigray	55,646	39,426	16,220	5,641	1,251	4,390	23,685	8,921	14,764	6,802	3,647	3,156
Eastern Tigray	32,905	22,151	10,754	5,351	4,195	1,156	14,841	7,669	7,172	4,291	2,102	2,189
Southern Tigray	50,327	34,827	15,500	6,538	2,968	3,570	35,652	18,910	16,742	11,283	5,325	5,958
Western Tigray	47,518	28,782	18,736	7,616	5,007	2,610	56,207	22,396	33,811	1,956	1,012	944
Afar	63,300	32,219	31,081	6,564	3,729	2,835	76,791	17,890	58,901	4,357	733	3,624
Zone 1	41,159	17,653	23,506	3,570	1,953	1,617	59,631	12,905	46,725	2,709	*	2,293
Zone 3	22,141	14,567	7,574	2,995	1,776	1,218	17,160	4,985	12,175	*	*	*
Amhara	1,503,650	973,798	529,852	81,382	37,477	43,905	790,449	376,514	413,935	74,519	29,133	45,386
North Gonder	241,924	155,357	86,568	13,897	6,456	7,441	206,283	103,617	102,667	7,774	3,629	4,145
South Gonder	141,275	86,330	54,945	6,223	2,799	3,424	66,323	34,420	31,903	7,309	4,526	2,783
North Wolo	123,915	76,743	47,172	6,526	2,454	4,072	52,107	24,255	27,852	8,576	2,711	5,866
South Wolo	244,485	150,727	93,758	18,606	4,680	13,926	83,465	36,057	47,408	8,811	*	7,408
North Shewa	133,689	90,698	42,991	16,655	9,586	7,069	79,203	42,323	36,880	8,004	3,023	4,981
East Gojam	221,464	155,557	65,907	7,360	4,425	2,936	101,554	45,810	55,745	14,261	6,137	8,124
West Gojam	242,605	171,877	70,728	4,434	3,237	*	97,028	43,562	53,466	6,939	2,335	4,604
Waghamera	24,190	13,255	10,935	3,171	1,343	1,828	19,561	8,616	10,945	4,777	2,116	2,660
Awi	90,489	51,068	39,421	*	*	*	45,162	21,264	23,899	5,776	2,878	2,898
Oromia	36,705	20,466	16,239	1,448	814	*	37,355	15,465	21,890	2,156	*	1,815
Argoba Special	2,910	1,721	1,189	214	84	131	2,406	1,124	1,282	136	34	103
Oromia	2,569,427	1,586,377	983,050	132,356	68,152	64,204	1,623,588	716,671	906,917	276,810	109,965	166,845
West Wellega	71,751	45,016	26,734	*	*	-	77,194	34,619	42,575	3,738	*	2,551
East Wellega	93,855	59,960	33,895	2,314	1,245	1,069	70,627	30,151	40,476	8,224	3,471	4,753
Illubabor	128,182	81,137	47,045	1,791	780	*	114,158	55,601	58,557	13,904	6,035	7,869
Jimma	275,762	182,024	93,738	6,063	3,167	2,896	223,896	102,096	121,800	64,522	21,724	42,798
West Shewa	241,047	163,225	77,822	12,036	5,202	6,834	127,166	58,727	68,438	15,931	8,322	7,609
North Shewa	166,435	97,637	68,797	13,191	7,034	6,157	87,058	44,461	42,598	22,475	9,820	12,655
East Shewa	93,498	60,030	33,467	8,793	5,097	3,696	58,901	27,072	31,829	7,487	2,899	4,588
Arsi	319,412	189,965	129,447	*	*	*	123,623	57,189	66,434	21,330	6,878	14,452
West Harerghe	187,513	122,932	64,581	5,315	2,448	2,867	93,978	42,669	51,310	25,771	12,533	13,239
East Harerghe	171,672	91,481	80,191	3,583	1,744	*	100,451	33,749	66,702	24,360	7,079	17,281
Bale	149,749	97,267	52,482	3,887	*	2,477	129,339	53,798	75,541	12,622	4,947	7,675
Borena	102,599	64,989	37,611	3,978	2,101	1,876	58,562	16,597	41,964	8,880	3,485	5,395
South West Shewa	99,901	60,990	38,911	14,228	7,030	7,198	63,484	33,876	29,609	9,760	6,315	3,444
Guji	139,192	75,545	63,648	3,023	1,594	1,430	61,145	21,938	39,207	11,938	3,526	8,413
West Arsi	233,295	135,325	97,970	10,148	8,037	2,111	133,620	55,524	78,096	21,427	9,593	11,834
Kelem Wellega	47,975	31,336	16,638	2,193	1,205	988	38,377	18,656	19,721	2,863	1,410	1,453
Horoguduru	47,590	27,517	20,072	2,898	1,197	1,701	62,009	29,948	32,060	1,577	740	837

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	30,356	19,373	10,983	2,653	*	768	50,968	15,625	35,343	2,046	*	1,899
Shinele	1,111	631	480	*	*	-	3,940	1,199	2,741	354	-	354
Jijiga	15,825	10,411	5,414	451	*	*	13,236	5,620	7,616	*	-	*
Liben	13,420	8,331	5,088	*	*	*	*	*	*	*	*	*
Benshangul-Gumuz	43,340	26,466	16,874	2,997	1,681	1,316	50,523	24,244	26,278	2,398	1,142	1,256
Metekel	29,078	17,631	11,447	2,316	1,427	889	33,644	14,855	18,788	2,157	940	1,218
Asosa	9,646	5,744	3,901	*	-	*	8,680	5,976	2,704	*	*	-
Kemeshi	3,394	2,297	1,097	*	*	*	2,607	940	1,667	*	*	*
Mao Komo	1,222	794	428	*	*	*	5,592	2,473	3,119	*	*	*
SNNP	260,824	665,884	594,940	75,716	46,383	29,334	823,766	354,006	469,760	186,580	75,997	110,583
Gurage	78,348	38,526	39,822	35,164	19,536	15,627	85,929	31,782	54,148	10,479	4,289	6,191
Hadiya	117,398	65,594	51,804	*	*	*	78,666	32,504	46,162	17,981	7,223	10,757
Kembata Tembaro	50,775	26,360	24,414	552	*	*	35,253	17,289	17,964	9,147	4,578	4,570
Sidama	320,702	120,422	200,280	14,044	10,882	*	85,069	37,154	47,915	8,337	3,714	4,623
Gedio	39,109	26,385	12,724	*	*	*	5,354	*	3,394	*	*	-
Wolayita	147,571	86,058	61,513	*	*	*	70,944	30,322	40,622	8,755	4,625	4,130
South Omo	36,829	25,041	11,787	4,888	3,604	1,284	73,461	28,910	44,551	*	*	*
Shaka	25,875	14,358	11,517	950	*	767	9,612	3,512	6,100	9,596	2,681	6,914
Kaffa	94,768	63,404	31,364	5,387	2,047	3,340	100,511	47,870	52,641	26,109	10,588	15,521
Gamo Gofa	149,219	80,636	68,583	1,771	*	*	119,961	51,316	68,645	14,223	5,432	8,791
Bench Maji	40,536	24,629	15,908	2,505	1,478	1,026	48,904	23,360	25,544	28,421	9,379	19,043
Yem Sp. Wereda	9,119	4,956	4,163	669	384	285	4,582	2,089	2,492	3,043	1,473	1,570
Dawro	38,861	20,511	18,350	*	*	*	27,076	12,443	14,633	*	*	*
Basketo Sp. Wereda	5,404	3,106	2,298	375	293	*	4,624	2,019	2,606	1,474	493	981
Konta Sp. Wereda	13,802	8,118	5,684	*	*	*	10,601	4,588	6,014	*	*	*
Silte	57,393	35,754	21,639	4,390	3,592	798	29,808	11,639	18,169	5,530	3,124	*
Alaba Sp. Wereda	13,880	7,091	6,789	1,402	*	601	13,265	5,440	7,825	3,463	1,940	1,523
Segen People	21,235	14,934	6,301	619	*	*	20,146	9,809	10,337	*	*	*
Gambela Region	19,037	9,856	9,181	2,434	*	650	32,946	11,891	21,054	17,782	4,141	13,642
Angnuwak	3,187	2,232	*	396	*	*	3,896	*	1,512	*	*	-
Nuware	10,284	4,850	5,434	361	276	*	26,209	8,557	17,652	15,911	3,731	12,180
Mezhenger	4,406	1,824	2,582	*	*	*	1,502	558	944	674	*	528
Itang Special	*	*	*	-	-	-	*	393	*	*	*	*
Harari	5,075	3,349	1,726	186	129	*	3,524	1,522	2,002	834	*	745
Hundene	5,075	3,349	1,726	186	129	*	3,524	1,522	2,002	834	*	745
Dire Dawa	4,645	2,658	1,987	*	*	*	4,126	1,491	2,635	781	282	499

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	5,989,600	3,241,306	2,748,294	3,077,367	2,256,494	820,873	4,181,292	1,334,030	2,847,261	324,913	83,688	241,226
Tigray	207,204	114,555	92,649	204,321	150,410	53,911	222,656	64,580	158,076	6,896	2,120	4,776
North West Tigray	12,990	8,137	4,853	11,283	6,400	4,883	17,830	4,342	13,488	-	-	-
Central Tigray	45,496	25,394	20,102	21,212	16,146	5,066	56,107	16,278	39,829	*	*	-
Eastern Tigray	82,678	42,304	40,374	84,812	62,784	22,028	84,063	23,219	60,844	4,178	919	3,259
Southern Tigray	55,976	34,019	21,957	76,046	58,550	17,496	45,475	13,985	31,490	*	*	*
Western Tigray	*	*	*	10,968	6,530	4,437	19,180	*	12,425	-	-	-
Afar	157,796	100,692	57,105	43,379	25,712	17,666	140,168	40,996	99,172	4,163	*	3,707
Zone 1	114,359	72,387	41,972	35,185	20,498	14,687	108,977	32,377	76,599	2,941	*	2,701
Zone 3	43,437	28,304	15,133	8,194	5,215	2,980	31,191	8,618	22,573	1,222	*	*
Amhara	2,467,083	1,280,055	1,187,027	1,923,611	1,393,592	530,019	1,489,186	467,598	1,021,588	116,901	25,456	91,445
North Gonder	205,217	100,067	105,150	153,517	134,496	19,021	280,718	75,703	205,015	4,057	*	2,215
South Gonder	248,799	116,654	132,145	191,254	137,669	53,585	134,433	38,015	96,418	*	*	*
North Wolo	223,880	99,714	124,166	212,299	144,549	67,750	135,090	55,190	79,901	17,295	6,032	11,263
South Wolo	586,716	327,091	259,625	149,592	96,999	52,593	221,529	83,261	138,268	60,431	*	51,042
North Shewa	289,565	160,827	128,739	173,878	133,494	40,384	297,023	103,030	193,993	17,282	4,681	12,600
East Gojam	465,041	234,860	230,181	495,775	339,561	156,214	172,107	33,681	138,426	9,450	*	8,645
West Gojam	302,113	162,967	139,145	269,009	218,361	50,648	121,112	41,884	79,229	*	*	*
Waghamera	28,348	17,087	11,262	19,928	15,295	4,632	41,871	12,912	28,959	*	*	*
Awi	82,892	43,115	39,777	251,294	169,176	82,119	70,452	18,893	51,559	*	*	*
Oromia	33,516	17,006	*	6,863	3,851	3,012	14,331	4,799	9,532	1,231	*	*
Argoba Special	995	668	327	202	*	*	519	230	288	*	-	*
Oromia	2,301,124	1,299,858	1,001,266	685,829	515,861	169,969	1,556,364	514,782	1,041,582	119,652	35,601	84,052
West Wellega	55,653	25,418	30,235	6,857	4,908	1,948	53,088	16,308	36,779	1,143	734	*
East Wellega	49,323	25,779	23,545	17,891	14,407	3,484	37,730	13,242	24,488	*	*	*
Illubabor	84,381	39,830	44,550	18,127	14,263	3,864	84,009	26,973	57,037	6,367	*	5,472
Jimma	205,942	116,357	89,585	50,775	39,833	10,942	212,144	72,546	139,598	27,855	*	22,267
West Shewa	231,682	128,995	102,687	60,912	50,653	10,259	176,303	56,917	119,385	9,457	*	9,189
North Shewa	371,948	264,196	107,752	252,476	171,457	81,019	226,853	78,439	148,414	*	*	10,528
East Shewa	66,377	41,813	24,564	25,997	20,687	5,310	72,051	23,947	48,104	*	*	*
Arsi	395,133	205,963	189,169	64,343	50,013	14,330	133,723	40,185	93,538	11,007	*	9,222
West Harerghe	48,989	25,588	23,401	5,454	4,965	*	23,501	6,899	16,603	4,956	*	4,465
East Harerghe	94,995	49,147	45,848	31,882	27,513	4,369	53,008	16,498	36,510	4,176	*	3,327
Bale	68,415	35,321	33,094	15,095	11,552	3,543	43,055	11,984	31,071	1,608	-	1,608
Borena	48,291	34,687	13,603	17,766	13,130	4,636	70,713	23,909	46,805	4,659	*	3,161
South West Shewa	118,417	61,499	56,918	29,482	27,611	1,871	57,512	20,463	37,050	6,017	*	5,704
Guji	82,312	41,785	40,528	21,154	15,159	5,995	61,793	21,318	40,475	2,541	1,074	*
West Arsi	281,586	151,942	129,644	29,183	23,412	5,771	*	*	102,167	4,685	*	2,302
Kelem Wellega	51,715	26,166	25,549	17,032	10,459	6,573	54,941	21,696	33,245	1,913	806	*
Horoguduru Wellega	45,965	25,372	20,593	21,404	15,839	5,564	44,486	14,173	30,313	387	*	*

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	157,353	115,356	41,997	36,193	26,588	9,604	83,836	28,598	55,238	7,256	2,224	5,032
Shinele	5,627	3,078	2,548	3,011	2,192	819	16,368	5,418	10,950	622	155	468
Jijiga	130,258	97,825	32,433	19,885	13,830	6,055	48,323	17,465	30,859	5,320	1,640	3,680
Liben	21,468	14,452	7,016	13,297	10,567	2,731	19,144	5,715	13,429	*	*	*
Benshangul-Gumuz	16,951	7,526	9,425	14,806	11,843	2,963	23,800	8,378	15,422	438	*	*
Metekel	9,389	3,834	5,555	9,777	7,430	2,347	9,793	3,872	5,921	*	*	*
Asosa	4,250	2,225	2,025	*	*	*	7,610	2,254	5,357	-	-	-
Kemeshi	1,572	773	799	*	*	315	1,915	702	1,213	-	-	-
Mao Komo	1,740	695	1,045	518	366	*	4,482	1,551	2,932	*	-	*
SNNP	666,939	313,475	353,464	159,417	123,804	35,613	642,570	201,403	441,166	67,939	17,084	50,855
Gurage	42,251	18,408	23,844	22,243	18,426	3,817	45,642	13,738	31,904	*	*	*
Hadiya	54,715	20,873	33,842	7,043	4,542	2,501	33,155	10,645	22,510	3,358	*	2,876
Kembata Tembaro	21,377	11,931	9,447	970	*	*	9,730	2,957	6,774	3,253	*	3,092
Sidama	112,093	53,510	58,583	5,599	4,960	*	24,210	8,720	15,490	-	-	-
Gedio	60,274	23,776	36,498	12,673	11,775	898	21,900	8,677	13,222	*	*	*
Wolayita	50,237	23,619	26,617	*	*	*	14,200	5,357	8,843	*	*	*
South Omo	36,052	21,569	14,483	24,876	17,829	7,046	79,371	25,437	53,934	20,974	*	12,808
Shaka	16,834	8,865	7,969	14,268	11,278	2,990	17,593	6,413	11,181	3,693	*	3,184
Kaffa	77,292	43,070	34,222	28,607	22,266	6,340	146,473	48,748	97,725	9,459	848	8,611
Gamo Gofa	78,397	32,321	46,076	12,307	8,062	4,246	132,242	28,897	103,345	4,298	*	*
Bench Maji	26,833	13,262	13,570	12,691	10,216	2,475	34,312	12,979	21,333	7,167	1,593	5,574
Yem Sp. Wereda	7,004	4,115	2,888	637	423	214	4,081	1,324	2,757	1,476	*	1,371
Dawro	19,453	10,008	9,445	992	709	*	13,731	5,032	8,699	1,597	734	863
Basketo Sp. Wereda	2,219	861	1,358	1,011	603	408	4,260	1,071	3,189	296	*	175
Konta Sp. Wereda	4,433	2,293	*	*	*	-	3,640	1,966	1,673	*	*	-
Silte	40,269	17,465	22,804	8,569	7,278	1,292	28,868	8,338	20,530	924	-	924
Alaba Sp. Wereda	7,059	2,597	4,463	2,690	2,289	401	6,843	2,153	4,690	850	*	590
Segen People	10,148	4,932	5,216	3,264	2,205	*	22,320	8,952	13,368	551	*	*
Gambela Region	4,842	2,642	2,200	4,732	3,919	*	7,954	3,198	4,757	635	*	447
Angnuwak	*	*	-	*	*	-	515	227	*	-	-	-
Nuware	2,907	1,622	1,285	-	-	-	5,577	2,297	3,280	510	*	323
Mezhenger	1,612	696	915	4,642	3,828	*	1,752	643	1,109	*	-	*
Itang Special	*	*	-	-	-	-	*	*	*	-	-	-
Harari	374	*	241	658	557	*	439	191	247	*	*	*
Hundene	374	*	241	658	557	*	439	191	247	*	*	*
Dire Dawa	9,935	7,015	2,920	4,420	4,206	*	14,320	4,307	10,013	916	428	488

c. Goats

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	4,021,701	2,164,603	1,857,098	1,771,527	1,260,107	511,421	3,974,817	1,347,100	2,627,717	260,185	72,881	187,304
Tigray	489,135	280,923	208,211	321,448	226,073	95,375	611,238	184,174	427,064	12,974	6,354	6,621
North West Tigray	169,032	99,528	69,504	111,237	73,646	37,592	245,067	68,718	176,349	2,600	*	1,655
Central Tigray	157,232	92,098	65,134	81,991	58,027	23,963	176,909	55,052	121,857	4,698	1,747	2,952
Eastern Tigray	36,951	18,010	18,941	27,897	20,511	7,386	34,394	8,977	25,417	*	*	*
Southern Tigray	77,170	43,941	33,229	54,307	41,943	12,364	73,047	23,360	49,687	2,715	2,148	*
Western Tigray	48,750	27,348	21,403	46,016	31,945	14,071	81,821	28,066	53,755	1,673	534	*
Afar	283,342	165,871	117,471	77,150	51,643	25,507	244,000	67,590	176,411	11,897	2,087	9,809
Zone 1	206,698	112,281	94,417	58,199	39,197	19,003	191,669	53,509	138,160	9,399	1,476	7,923
Zone 3	76,645	53,591	23,054	18,950	12,446	6,505	52,332	14,081	38,251	2,497	611	1,886
Amhara	1,164,989	577,380	587,610	797,883	562,546	235,337	1,229,911	440,987	788,925	52,712	13,149	39,564
North Gonder	276,153	127,454	148,699	184,991	141,781	43,210	383,833	125,130	258,702	9,155	*	5,348
South Gonder	77,600	33,297	44,303	96,838	68,599	28,238	63,688	21,536	42,153	*	*	*
North Wolo	144,375	66,987	77,388	115,039	80,505	34,534	98,372	35,861	62,512	4,329	1,123	3,206
South Wolo	174,714	86,430	88,284	91,824	60,033	31,791	102,435	39,123	63,311	22,097	3,423	18,674
North Shewa	118,537	67,243	51,293	73,974	50,629	23,346	191,826	85,569	106,257	1,991	*	*
East Gojam	85,445	44,643	40,802	87,294	54,785	32,510	113,719	41,581	72,137	*	*	*
West Gojam	97,646	59,359	38,288	30,991	24,296	6,696	59,164	24,743	34,421	*	-	*
Waghamera	95,254	51,791	43,463	54,463	39,328	15,134	148,983	44,681	104,303	5,287	1,774	3,513
Awi	18,624	9,547	9,077	43,482	32,173	11,310	32,300	10,765	21,535	1,496	*	*
Oromia	70,309	27,868	42,441	17,488	9,772	7,716	30,007	9,570	20,438	*	*	*
Argoba Special	6,331	2,760	3,571	1,498	645	853	5,585	2,428	3,156	277	79	198
Oromia	1,415,465	767,767	647,698	359,186	259,184	100,002	1,111,703	382,382	729,321	112,091	27,735	84,356
West Wellega	30,292	11,843	18,448	5,442	4,048	*	25,244	11,602	13,642	*	*	*
East Wellega	26,423	11,679	14,744	9,570	6,049	3,521	28,615	10,890	17,725	2,563	-	2,563
Illubabor	47,008	22,245	24,763	9,464	6,235	3,229	39,905	15,011	24,894	*	*	*
Jimma	51,158	29,149	22,009	7,059	3,890	3,169	46,163	16,580	29,584	9,633	*	8,062
West Shewa	50,346	29,871	20,476	19,537	10,709	8,828	56,786	23,457	33,329	*	*	*
North Shewa	68,530	36,992	31,539	33,584	22,797	10,787	35,384	14,628	20,757	*	-	*
East Shewa	105,422	58,284	47,138	33,633	25,838	7,796	77,015	26,549	50,466	*	*	*
Arsi	116,438	62,665	53,773	34,236	24,967	9,269	105,464	28,220	77,244	*	*	*
West Harerghe	209,307	100,678	108,629	21,888	17,534	4,354	113,602	38,724	74,878	20,998	5,976	15,022
East Harerghe	188,702	94,023	94,679	42,634	37,867	4,766	148,014	44,750	103,264	23,589	7,388	16,201
Bale	148,859	96,433	52,425	25,749	18,991	6,758	141,407	44,177	97,230	7,229	2,654	4,575
Borena	141,260	87,325	53,934	29,548	20,427	9,120	117,817	37,010	80,807	18,922	6,673	12,250
South West Shewa	58,957	35,673	23,284	19,521	14,541	4,980	43,558	16,733	26,825	-	-	-
Guji	69,288	39,992	29,296	20,167	16,249	3,917	40,969	16,694	24,275	*	*	*
West Arsi	48,850	25,786	23,064	15,007	10,285	4,722	41,691	15,012	26,679	*	*	*
Kelem Wellega	24,603	9,871	14,732	18,250	8,325	*	22,943	10,880	12,063	*	-	*
Horoguduru w.	30,020	15,258	14,762	13,897	10,430	3,466	27,125	11,468	15,657	*	-	*

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	199,513	141,640	57,873	63,813	47,956	15,858	152,298	50,812	101,486	13,602	4,952	8,651
Shinele	26,760	14,140	12,621	7,852	5,432	2,421	49,916	15,204	34,711	4,047	1,471	2,576
Jijiga	119,818	91,399	28,419	14,795	8,463	6,332	46,874	14,459	32,415	3,986	1,484	2,501
Liben	52,934	36,101	16,833	41,166	34,061	7,105	55,508	21,149	34,360	*	*	*
Benshangul-Gumuz	66,955	33,152	33,803	35,600	22,441	13,159	208,591	73,120	135,471	2,298	708	1,590
Metekel	24,809	12,366	12,443	14,570	8,951	5,620	65,501	22,021	43,480	*	*	*
Asosa	27,545	14,018	13,527	15,482	10,458	5,024	111,165	39,256	71,909	*	*	*
Kemeshi	10,988	5,032	5,957	4,451	2,420	2,032	20,453	7,604	12,849	*	137	*
Mao Komo	3,612	1,736	1,876	1,096	613	484	11,471	4,239	7,233	*	*	*
SNNP	365,629	175,754	189,875	105,639	81,369	24,270	365,587	133,488	232,099	47,143	15,512	31,631
Gurage	16,662	5,371	11,290	*	*	*	*	4,804	*	*	*	*
Hadiya	29,144	11,381	17,763	7,848	4,393	3,455	13,381	4,077	9,305	*	*	*
Kembata Tembaro	8,042	3,997	4,045	2,485	1,126	1,359	4,272	1,206	3,067	*	-	*
Sidama	59,901	22,940	36,961	3,202	3,202	-	12,943	*	8,595	*	*	*
Gedio	*	*	*	676	676	-	*	*	*	-	-	-
Wolayita	28,125	10,775	17,351	*	*	*	10,732	4,168	6,563	*	*	*
South Omo	58,606	42,591	16,016	41,002	33,100	7,902	118,864	38,450	80,414	15,898	*	8,687
Shaka	4,459	2,577	1,882	3,468	2,518	950	*	*	*	1,585	*	1,262
Kaffa	27,678	14,509	13,168	12,455	8,346	4,109	50,152	21,979	28,173	4,322	*	3,739
Gamo Gofa	52,804	24,124	28,680	*	*	*	49,235	18,167	31,067	5,334	*	5,024
Bench Maji	8,104	4,229	3,875	8,761	7,642	1,118	12,270	5,224	7,046	2,207	946	1,261
Yem Sp. Wereda	6,467	2,680	3,787	211	149	*	2,827	1,313	1,514	1,382	240	1,141
Dawro	10,014	4,998	5,016	1,223	1,057	*	9,072	3,208	5,864	*	*	*
Basketo Sp. Wereda	2,092	690	1,403	*	521	*	2,950	1,061	1,889	210	*	*
Konta Sp. Wereda	3,845	1,607	2,237	691	459	*	1,888	1,041	847	*	*	*
Silte	20,404	7,668	12,736	6,059	5,455	*	12,605	4,554	8,052	1,942	*	1,352
Alaba Sp. Wereda	6,720	2,828	3,892	1,698	1,362	*	7,095	2,648	4,447	1,038	*	793
Segen People	21,414	12,587	8,827	6,311	4,740	1,571	39,655	15,071	24,584	4,770	*	3,496
Gambela Region	7,894	4,196	3,698	1,655	831	824	16,289	5,563	10,726	1,336	519	817
Angnuwak	2,241	1,300	941	844	348	*	4,419	1,705	2,714	*	*	*
Nuware	4,474	2,014	2,460	*	-	*	11,048	3,568	7,480	*	*	*
Mezhenger	666	443	223	760	484	276	230	*	*	*	*	*
Itang Special	513	438	*	-	-	-	592	165	428	*	*	*
Harari	4,100	2,520	1,580	4,420	4,031	388	3,818	1,331	2,486	1,034	214	820
Hundene	4,100	2,520	1,580	4,420	4,031	388	3,818	1,331	2,486	1,034	214	820
Dire Dawa	24,679	15,399	9,280	4,733	4,033	701	31,383	7,653	23,729	5,097	1,652	3,445

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	192,513	116,655	75,859	241,035	115,659	125,375	26,032	10,660	15,373
Tigray	*	*	*	3,618	1,926	*	*	*	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	-	*	*	*	*	*	*	-
Eastern Tigray	*	*	-	*	*	*	-	-	-
Southern Tigray	*	-	*	*	*	*	-	-	-
Western Tigray	*	*	*	*	*	*	*	*	*
Afar	*	*	*	*	-	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	-	*	-	-	-
Amhara	75,821	43,562	32,260	78,808	35,032	43,775	12,031	*	6,335
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	*	*	*	*	*	*	-	-	-
North Wolo	4,167	*	2,217	3,713	*	2,463	*	-	*
South Wolo	9,690	*	5,265	5,213	*	4,164	*	-	*
North Shewa	*	*	*	*	*	*	*	*	*
East Gojam	*	*	*	24,874	14,915	9,958	*	*	*
West Gojam	*	*	*	6,019	2,604	3,415	-	-	-
Waghamera	*	*	*	-	-	-	-	-	-
Awi	3,820	2,231	*	9,434	4,768	*	-	-	-
Oromia	-	-	-	*	*	*	-	-	-
Argoba Special	*	*	*	*	*	*	-	-	-
Oromia	85,371	54,404	30,967	118,628	55,939	62,689	7,598	*	5,765
West Wellega	*	-	*	*	*	*	-	-	-
East Wellega	*	*	*	*	*	*	*	*	*
Illubabor	3,959	1,884	2,074	10,895	4,077	6,817	*	-	*
Jimma	6,959	5,872	*	16,970	8,017	8,953	*	*	*
West Shewa	11,252	7,966	3,286	15,232	6,753	8,479	*	-	*
North Shewa	6,575	4,522	2,053	3,141	*	1,988	*	*	*
East Shewa	*	*	-	2,776	2,776	-	-	-	-
Arsi	22,702	12,641	10,062	11,822	5,194	6,628	-	-	-
West Harerghe	*	*	-	*	*	*	*	*	*
East Harerghe	-	-	-	*	*	-	-	-	-
Bale	6,340	4,822	1,519	7,199	3,661	3,538	-	-	-
Borena	-	-	-	*	*	-	-	-	-
South West Shewa	3,528	3,020	*	3,205	2,424	*	-	-	-
Guji	8,295	4,302	*	11,309	5,347	5,962	-	-	-
West Arsi	11,780	6,244	5,536	23,253	10,196	13,057	-	-	-
Kelem Wellega	*	*	*	*	*	*	*	-	*
Horoguduru Wellega	1,444	1,063	*	5,692	2,546	3,145	*	-	*

TABLE 3-20 – d CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	*	*	-	*	*	*	-	-	-
Shinele	-	-	-	*	*	*	-	-	-
Jijiga	-	-	-	-	-	-	-	-	-
Liben	*	*	-	*	*	*	-	-	-
Benshangul-Gumuz	*	*	-	*	*	*	-	-	-
Metekel	*	*	-	*	*	*	-	-	-
Asosa	-	-	-	*	*	*	-	-	-
Kemeshi	*	*	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-
SNNP	29,081	17,395	11,686	37,718	22,119	15,599	2,204	*	*
Gurage	5,084	*	2,831	3,021	*	2,275	*	-	*
Hadiya	3,119	*	*	1,568	*	*	*	*	*
Kembata Tembaro	1,360	952	*	*	*	*	*	-	*
Sidama	5,432	*	2,313	*	*	-	-	-	-
Gedio	*	*	*	*	*	*	-	-	-
Wolayita	*	*	-	-	-	-	-	-	-
South Omo	972	972	-	555	*	*	*	*	-
Shaka	759	759	-	522	*	*	-	-	-
Kaffa	3,488	2,613	*	14,202	9,838	4,364	*	*	-
Gamo Gofa	2,935	1,355	*	*	*	*	-	-	-
Bench Maji	1,442	786	*	2,123	1,100	1,023	*	*	*
Yem Sp. Wereda	*	*	*	282	*	192	*	*	*
Dawro	510	287	*	*	*	*	-	-	-
Basketo Sp. Wereda	-	-	-	316	171	*	-	-	-
Konta Sp. Wereda	*	*	*	*	*	*	-	-	-
Silte	*	*	*	1,613	*	*	-	-	-
Alaba Sp. Wereda	446	*	*	*	*	*	-	-	-
Segen People	*	*	*	*	*	*	-	-	-
Gambela Region	*	*	*	*	*	*	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	*	-	*	-	-	-
Mezhenger	*	*	*	*	*	*	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	*	*	-	-	-	-
Hundene	-	-	-	*	*	-	-	-	-
Dire Dawa	-	-	-	*	*	*	*	*	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	450,969	251,527	199,442	445,311	200,057	245,254	22,415	12,477	9,938
Tigray	27,666	19,138	8,528	36,136	19,977	16,159	1,812	*	*
North West Tigray	5,448	3,940	1,508	11,134	5,960	5,174	*	*	*
Central Tigray	4,861	3,271	*	12,329	6,334	5,996	*	*	*
Eastern Tigray	4,696	3,672	1,024	3,160	1,819	1,341	*	*	-
Southern Tigray	11,096	6,951	4,145	6,600	4,101	2,499	*	*	-
Western Tigray	1,565	1,303	*	2,913	1,764	1,150	-	-	-
Afar	1,861	1,538	*	5,200	2,558	2,641	*	*	*
Zone 1	1,240	*	*	4,496	2,040	2,456	*	*	*
Zone 3	*	*	*	704	519	*	*	-	*
Amhara	216,593	115,110	101,483	173,396	72,496	100,901	6,902	5,602	*
North Gonder	28,325	13,858	14,468	24,580	10,192	14,388	*	*	-
South Gonder	26,028	9,912	16,116	20,913	7,464	13,450	*	*	*
North Wolo	21,781	9,918	11,863	9,832	4,020	5,812	*	*	*
South Wolo	38,560	21,272	17,288	13,831	5,913	7,918	*	*	*
North Shewa	22,721	14,257	8,464	28,663	13,294	15,369	*	*	-
East Gojam	41,160	24,758	16,402	35,014	13,951	21,063	*	*	-
West Gojam	18,435	8,992	9,443	22,999	8,214	14,786	*	*	-
Waghamera	6,440	3,665	*	3,965	1,632	2,334	-	-	-
Awi	9,900	6,638	3,262	11,862	7,178	4,684	*	*	-
Oromia	2,957	1,663	1,295	1,404	457	947	-	-	-
Argoba Special	285	178	107	332	181	151	-	-	-
Oromia	154,658	82,810	71,848	184,059	81,034	103,025	9,532	3,570	5,962
West Wellega	7,450	4,008	3,442	9,408	2,764	6,644	*	*	*
East Wellega	5,156	3,497	1,658	7,272	4,069	3,203	-	-	-
Illubabor	4,233	2,105	2,128	5,744	3,528	2,216	-	-	-
Jimma	10,483	6,607	3,876	5,416	2,117	3,299	*	-	*
West Shewa	5,268	2,674	2,594	9,905	4,342	5,563	*	-	*
North Shewa	15,916	9,409	6,507	16,011	6,694	9,317	2,572	1,023	1,548
East Shewa	11,138	6,773	4,365	19,060	10,129	8,931	*	-	*
Arsi	30,796	14,259	16,537	23,635	8,619	15,016	*	-	*
West Harerghe	13,393	7,321	6,072	23,194	8,610	14,584	1,919	*	*
East Harerghe	7,686	3,501	4,185	13,630	7,326	6,303	*	*	*
Bale	9,279	5,089	4,190	13,941	6,568	7,373	*	*	*
Borena	1,061	*	*	3,973	1,833	2,139	*	*	*
South West Shewa	12,076	4,355	7,721	7,350	2,599	4,752	*	*	-
Guji	1,263	*	*	1,395	878	*	-	-	-
West Arsi	11,192	6,455	4,737	12,446	4,720	7,726	-	-	-
Kelem Wellega	3,516	2,713	802	5,345	3,635	1,711	-	-	-
Horoguduru Wellega	4,752	2,664	2,088	6,333	2,603	3,730	*	-	*

TABLE 3-20 – e CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	1,051	764	*	1,851	644	1,207	*	*	*
Shinele	*	*	*	760	311	449	-	-	-
Jijiga	757	551	*	412	*	*	*	*	*
Liben	*	*	*	679	*	*	-	-	-
Benshangul-Gumuz	6,491	5,309	1,183	13,606	7,794	5,812	*	*	-
Metekel	*	*	-	3,321	2,342	979	*	*	-
Asosa	1,864	762	1,102	6,954	2,658	4,296	-	-	-
Kemeshi	*	*	*	2,390	*	*	*	*	-
Mao Komo	*	*	-	941	608	333	-	-	-
SNNP	42,300	26,587	15,713	29,765	14,928	14,837	3,262	1,876	1,386
Gurage	*	1,452	*	3,351	1,708	*	*	*	-
Hadiya	8,119	4,354	3,765	4,937	*	4,112	*	*	*
Kembata Tembaro	2,270	2,132	*	1,598	1,478	*	-	-	-
Sidama	4,256	3,660	*	5,294	*	*	-	-	-
Gedio	-	-	-	*	*	-	-	-	-
Wolayita	9,361	7,823	*	1,701	1,220	*	*	*	-
South Omo	*	*	*	*	*	*	-	-	-
Shaka	*	*	-	339	*	*	-	-	-
Kaffa	*	*	*	*	*	*	*	*	-
Gamo Gofa	4,887	*	*	1,783	*	*	-	-	-
Bench Maji	-	-	-	*	*	-	-	-	-
Yem Sp. Wereda	464	246	218	*	*	*	*	*	*
Dawro	*	*	-	*	*	*	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	*	-	-	-	-
Silte	5,815	1,956	3,859	1,561	*	*	774	*	*
Alaba Sp. Wereda	1,656	695	961	1,353	*	1,037	*	*	*
Segen People	*	*	*	1,603	*	1,098	-	-	-
Gambela Region	-	-	-	*	*	-	*	*	-
Angnuwak	-	-	-	*	*	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	*	*	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	*	*	*	513	291	222	*	*	-
Hundene	*	*	*	513	291	222	*	*	-
Dire Dawa	271	238	*	603	154	449	177	137	*

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	42,762	22,504	20,258	29,910	15,868	14,042	2,315	1,165	*
Tigray	*	*	-	*	*	*	*	-	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	*	-	*
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	-	-	-	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
Afar	*	-	*	*	*	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	-	*	*	*	*	-	-	-
Amhara	24,596	11,030	13,566	7,950	3,985	3,965	*	*	-
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	2,510	*	*	*	-	*	-	-	-
North Wolo	*	*	*	*	*	*	-	-	-
South Wolo	3,359	*	*	*	-	*	*	*	-
North Shewa	1,261	*	*	-	-	-	-	-	-
East Gojam	1,806	*	*	*	*	*	-	-	-
West Gojam	4,658	2,025	2,632	2,749	*	*	-	-	-
Waghamera	*	*	-	*	*	-	-	-	-
Awi	*	*	*	*	*	-	-	-	-
Oromia	*	*	*	*	-	*	-	-	-
Argoba Special	-	-	-	*	-	*	-	-	-
Oromia	12,398	7,331	5,067	14,145	7,557	6,589	*	*	*
West Wellega	*	*	*	*	*	-	-	-	-
East Wellega	*	*	*	-	-	-	-	-	-
Illubabor	*	*	*	*	*	*	*	*	-
Jimma	2,524	*	1,434	3,265	1,563	1,702	*	*	*
West Shewa	1,708	*	*	1,943	*	*	-	-	-
North Shewa	*	*	*	*	*	-	-	-	-
East Shewa	*	*	-	*	*	-	-	-	-
Arsi	2,713	*	*	*	*	*	-	-	-
West Harerghe	*	*	-	*	*	-	-	-	-
East Harerghe	-	-	-	*	*	*	-	-	-
Bale	*	-	*	*	-	*	-	-	-
Borena	-	-	-	-	-	-	-	-	-
South West Shewa	*	*	-	*	*	-	-	-	-
Guji	*	*	-	*	*	*	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-
Kelem Wellega	*	*	*	1,099	629	*	-	-	-
Horoguduru Wellega	-	-	-	*	*	*	-	-	-

TABLE 3-20 – f CONT'D

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	-	-	-	*	*	*	-	-	-
Shinele	-	-	-	*	*	-	-	-	-
Jijiga	-	-	-	*	-	*	-	-	-
Liben	-	-	-	*	-	*	-	-	-
Benshangul-Gumuz	*	*	*	*	*	*	-	-	-
Metekel	*	*	*	*	*	*	-	-	-
Asosa	*	-	*	-	-	-	-	-	-
Kemeshi	*	*	-	-	-	-	-	-	-
Mao Komo	-	-	-	*	*	-	-	-	-
SNNP	4326	3469	857	6439	3777	2662	*	*	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	*	*	-	*	*	*	-	-	-
Kembata Tembaro	*	-	*	-	-	-	-	-	-
Sidama	*	*	-	*	-	*	-	-	-
Gedio	*	*	-	630	*	*	-	-	-
Wolayita	*	*	-	*	*	*	-	-	-
South Omo	*	*	-	*	*	-	-	-	-
Shaka	*	*	-	*	*	*	-	-	-
Kaffa	*	*	-	1424	1243	*	*	*	-
Gamo Gofa	*	*	*	*	*	*	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Sp. Wereda	*	*	*	-	-	-	-	-	-
Dawro	804	532	*	*	-	*	-	-	-
Basketo Sp. Wereda	*	*	-	146	*	*	-	-	-
Konta Sp. Wereda	-	-	-	*	-	*	-	-	-
Silte	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	*	*	-	-	-	-
Segen People	-	-	-	*	*	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Dire Dawa	-	-	-	-	-	-	-	-	-

g. Camels

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	64,232	53,794	10,438	5,596	*	736	30,490	11,269	19,220	2,084	*	*
Tigray	6,080	4,811	*	*	*	-	1,594	1,376	*	-	-	-
North West Tigray	-	-	-	-	-	-	*	*	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-	-	-	-	-	-
Southern Tigray	4,354	*	*	*	*	-	*	*	*	-	-	-
Western Tigray	*	*	*	-	-	-	*	*	-	-	-	-
Afar	7,456	5,852	1,604	*	*	*	4,260	1,290	2,969	*	*	*
Zone 1	3,004	1,876	1,128	-	-	-	2,727	830	1,897	-	-	-
Zone 3	4,452	3,976	476	*	*	*	1,532	460	*	*	*	*
Amhara	*	*	*	*	*	*	2,189	1,871	*	*	*	-
North Gonder	-	-	-	*	*	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	*	*	-	-	-	-	*	*	-	*	*	-
South Wolo	*	*	-	-	-	-	-	-	-	-	-	-
North Shewa	*	*	-	-	-	-	*	*	-	-	-	-
East Gojam	*	-	*	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	*	*	-	*	*	*	1,371	*	*	-	-	-
Argoba special	156	156	-	-	-	-	-	-	-	-	-	-
Oromia	13,038	7,945	5,093	*	*	*	17,363	5,083	12,280	*	*	*
West Wellega	-	-	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	*	*	*	-	-	-
Arsi	*	*	*	*	*	-	*	*	*	-	-	-
West Harerghe	*	*	*	-	-	-	4,436	*	3,543	*	*	-
East Harerghe	1,851	1,227	*	-	-	-	*	*	1,269	*	*	*
Bale	*	*	*	-	-	-	1,065	*	*	-	-	-
Borena	*	*	*	*	-	*	4,669	1,757	2,912	*	-	*
South West Shewa	-	-	-	-	-	-	*	-	*	-	-	-
Guji	*	*	-	-	-	-	-	-	-	-	-	-
West Arsi	-	-	-	-	-	-	-	-	-	-	-	-
Kelem Wellega	-	-	-	-	-	-	-	-	-	-	-	-
Horoguduru Wellega	*	*	-	-	-	-	-	-	-	-	-	-

TABLE 3-20 – g CONT'D

Geographic Area	Number of Sales			Number of Slaughters			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somale	5,702	4,125	1,577	*	*	*	4,691	1,480	3,211	*	-	*
Shinele	366	*	*	*	*	*	1,265	308	*	*	-	*
Jijiga	*	*	-	-	-	-	*	*	*	-	-	-
Liben	4,955	3,544	1,411	*	*	*	2,725	768	1,957	*	-	*
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Segen People	-	-	-	-	-	-	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-	-	-	-	-	-	-
Nuware	-	-	-	-	-	-	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	*	*	*	-	-	-
Hundene	-	-	-	-	-	-	*	*	*	-	-	-
Dire Dawa	184	*	*	-	-	-	*	*	*	-	-	-

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	12,502,991	13,529,922	51,199,876	502,576
Tigray	1,419,250	2,857,747	4,607,042	82,726
North West Tigray	354,449	884,437	1,587,037	25,216
Central Tigray	424,076	793,413	807,676	20,514
Eastern Tigray	150,160	239,573	512,169	11,271
Southern Tigray	364,378	550,743	823,346	14,204
Western Tigray	126,188	389,581	876,814	11,520
Afar	4,563	4,998	25,476	*
Zone 1	*	*	*	-
Zone 3	*	4,200	20,017	*
Amhara	4,999,168	6,600,856	18,260,285	108,305
North Gonder	1,024,953	2,201,775	5,446,172	23,029
South Gonder	524,522	816,186	1,898,073	22,191
North Wolo	458,605	418,985	916,153	9,014
South Wolo	453,639	392,172	1,054,235	13,362
North Shewa	516,587	742,023	1,619,535	13,979
East Gojam	408,509	235,909	1,028,847	*
West Gojam	964,646	1,147,672	4,186,683	9,534
Waghamera	152,374	167,359	346,384	3,491
Awi	377,638	419,655	1,410,726	2,857
Oromia	108,189	52,457	322,123	*
Argoba Special	9,505	6,663	31,354	170
Oromia	4,157,196	2,861,388	17,137,629	210,548
West Wellega	253,760	213,672	1,559,185	16,879
East Wellega	162,781	172,284	865,197	6,257
Illubabor	172,642	198,338	1,135,079	9,357
Jimma	257,728	160,510	1,601,960	32,907
West Shewa	322,180	413,237	1,066,590	11,835
North Shewa	208,234	77,945	566,891	4,506
East Shewa	394,432	211,013	1,016,611	9,906
Arsi	611,584	491,437	1,737,287	22,005
West Harerghe	334,371	151,149	1,598,564	22,697
East Harerghe	205,957	44,840	1,258,874	21,000
Bale	213,735	85,680	622,754	8,023
Borena	88,566	58,493	364,081	7,120
South West Shewa	236,965	155,643	843,193	9,465
Guji	145,486	55,114	574,259	5,257
West Arsi	289,323	80,121	740,844	10,519
Kelem Wellega	106,461	130,314	1,128,260	10,418
Horoguduru Wellega	152,990	161,597	458,001	2,397

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	11,946	*	62,141	*
Shinele	*	*	4,882	*
Jijiga	*	-	*	*
Liben	8,990	*	48,085	*
Benshangul-Gumuz	180,698	280,908	1,463,946	5,757
Metekel	88,719	174,055	648,330	*
Asosa	63,697	76,401	599,149	2,762
Kemeshi	19,577	20,768	115,051	433
Mao Komo	8,706	9,684	101,416	*
SNNP	1,668,612	887,667	9,270,272	88,120
Gurage	69,990	72,809	313,322	*
Hadiya	200,412	85,264	804,943	12,145
Kembata Tembaro	55,629	25,910	253,188	4,916
Sidama	386,481	170,736	1,133,399	12,012
Gedio	73,574	57,345	220,441	1,999
Wolayita	174,767	13,645	621,324	8,490
South Omo	60,086	40,234	385,492	4,073
Shaka	43,615	52,709	422,225	3,141
Kaffa	128,063	127,137	2,011,339	12,174
Gamo Gofa	133,774	36,071	1,152,492	*
Bench Maji	83,925	105,590	825,319	10,048
Yem Sp. Wereda	12,973	3,088	50,711	2,486
Dawro	20,681	4,821	136,283	*
Basketo Sp. Wereda	5,661	5,670	60,193	449
Konta Sp. Wereda	19,562	6,436	97,968	*
Silte	140,010	59,861	344,193	3,836
Alaba Sp. Wereda	18,787	5,373	125,819	1,673
Segen People	40,622	25,859	14,764	14,969
Gambela Region	45,474	31,892	262,880	2,754
Angnuwak	16,814	14,882	136,828	1,300
Nuware	11,199	313	14,689	*
Mezhenger	5,018	13,136	67,950	*
Itang Special	12,443	3,561	43,414	*
Harari	7,006	975	38,648	1,017
Hundene	7,006	975	38,648	1,017
Dire Dawa	9,078	512	71,557	1,713

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

Geographic Area	Number of Dairy Cows	Number of Milking Cows	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)	Number of Dairy Camels	Number of Milking Camels	Average Daily Milk Prod.	Average Lactation Period (Months)	Total Milk Production (Lt)
Ethiopia	6,747,005	10,711,484	1.318	6	3,804,991,102	281,852	166,647	3.561	9	165,117,260
Tigray	49,180	706,128	1.361	6	264,496,750	*	*	*	*	*
North West Tigray	8,404	218,242	1.409	7	128,326,824	-	-	-	-	-
Central Tigray	16,986	112,569	1.234	6	25,915,634	-	-	-	*	-
Eastern Tigray	5,834	80,561	1.328	6	20,253,570	-	*	-	-	-
Southern Tigray	16,155	140,838	1.168	6	32,718,472	-	*	*	*	*
Western Tigray	1,802	153,918	1.806	6	57,282,250	*	*	-	-	-
Afar	218,395	274,758	2.204	7	229,248,431	83,216	37,014	3.293	9	36,148,993
Zone 1	135,630	178,551	2.05	7	161,077,975	30,361	16,864	2.985	10	16,030,803
Zone 3	82,765	96,207	2.499	7	68,170,455	52,855	20,150	3.629	9	20,118,190
Amhara	288,465	2,380,295	1.122	6	487,621,894	*	*	*	*	-
North Gonder	74,693	535,906	1.266	6	131,863,852	-	-	-	*	-
South Gonder	31,234	280,391	1.036	6	54,739,193	-	-	-	-	-
North Wolo	24,589	175,346	1.297	6	40,894,932	-	-	-	-	-
South Wolo	68,638	273,850	1.353	5	62,666,895	-	-	-	-	-
North Shewa	25,036	168,789	1.25	5	36,321,234	-	-	-	*	-
East Gojam	11,765	281,264	0.944	6	50,945,371	-	*	-	-	-
West Gojam	13,259	366,953	0.879	6	56,019,221	-	-	-	-	-
Waghamera	12,772	56,204	0.909	6	10,055,584	-	*	-	-	-
Awi	*	184,275	1.042	6	33,221,499	-	-	-	-	-
Oromia	24,557	53,206	1.014	5	10,194,307	*	-	*	-	-
Argoba Special	250	4,111	0.894	5	699,807	-	-	-	-	-
Oromia	2,661,194	4,452,181	1.4	6	1,261,443,422	96,786	70,984	3.918	9	84,347,509
West Wellega	44,651	170,159	1.086	7	37,700,248	-	-	-	-	-
East Wellega	5,877	183,746	1	6	35,791,240	-	-	-	-	-
Illubabor	109,436	218,356	1.088	6	49,101,795	-	-	-	-	-
Jimma	353,513	428,095	1.098	6	87,882,852	-	-	-	-	-
West Shewa	148,969	384,293	1.336	6	104,343,551	-	-	-	-	-
North Shewa	172,939	281,976	1.678	7	112,205,225	-	-	-	-	-
East Shewa	87,818	150,504	1.297	6	41,376,989	*	*	*	*	*
Arsi	326,211	473,442	1.734	7	186,621,674	*	*	*	*	*
West Harerghe	84,341	210,376	1.488	6	56,047,869	*	15,142	3.026	8	7,079,791
East Harerghe	99,220	240,328	1.665	5	65,840,402	16,359	10,744	4.238	7	*
Bale	358,915	352,860	1.528	6	103,796,558	*	3,431	*	8	3,002,011
Borena	123,504	244,493	1.416	6	73,042,700	17,268	17,231	3.618	10	16,046,268
South West Shewa	92,776	160,167	1.163	6	34,492,628	-	-	-	-	-
Guji	223,370	264,930	1.439	6	70,440,228	*	9,684	3.908	10	*
West Arsi	403,095	488,016	1.552	7	153,505,185	-	-	-	-	-
Kelem Wellega	21,542	89,351	1.208	7	23,515,503	-	-	-	-	-
Horoguduru Wellega	*	111,087	1.015	7	25,738,775	-	-	-	-	-

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	128,660	161,204	1.669	5	,579,016	99,535	49,842	3.187	9	43,633,867
Shinele	466	5,611	1.356	5	,218,868	*	1,913	2.839	8	1,217,986
Jijiga	95,777	101,346	1.673	5	,720,078	35,525	15,130	3.312	9	12,696,018
Liben	32,417	54,247	1.72	6	31,640,070	61,311	32,800	3.131	10	29,719,863
Benshangul-Gumuz	36,405	104,514	1.19	6	23,458,350	-	-	-	-	-
Metekel	23,219	83,046	1.039	6	17,442,494	-	-	-	-	-
Asosa	6,208	12,780	1.385	6	3,209,000	-	-	-	-	-
Kemeshi	5,941	6,544	1.807	6	2,196,841	-	-	-	-	-
Mao Komo	1,037	2,145	1.325	6	610,016	-	-	-	-	-
SNNP	3,282,414	2,538,883	1.325	6	*	-	*	-	-	-
Gurage	307,198	210,112	1.554	6	54,052,343	-	-	-	-	-
Hadiya	262,001	184,830	1.143	6	38,756,350	-	-	-	-	-
Kembata Tembaro	117,342	99,593	1.337	6	27,279,813	-	-	-	-	-
Sidama	857,424	662,267	1.353	6	*	-	-	-	-	-
Gedio	14,725	15,454	1.162	6	3,250,326	-	-	-	-	-
Wolayita	235,831	209,199	1.454	6	58,662,952	-	*	-	-	-
South Omo	289,843	197,941	1.86	6	91,388,563	-	-	-	-	-
Shaka	38,371	39,768	1.618	6	11,705,384	-	-	-	-	-
Kaffa	217,682	228,583	1.347	5	53,590,217	-	-	-	-	-
Gamo Gofa	421,472	293,889	1.091	6	60,025,789	-	-	-	-	-
Bench Maji	91,352	77,419	1.527	5	20,351,298	-	-	-	-	-
Yem Sp. Wereda	9,211	10,662	0.815	5	1,507,604	-	-	-	-	-
Dawro	104,715	70,193	1.091	6	14,096,333	-	-	-	-	-
Basketo Sp. Wereda	12,153	8,722	0.988	6	1,719,378	-	-	-	-	-
Konta Sp. Wereda	30,584	21,542	1.13	5	4,372,561	-	-	-	-	-
Silte	148,559	114,906	1.118	6	24,209,898	-	-	-	-	-
Alaba Sp. Wereda	46,621	33,869	1.1	6	7,230,632	-	-	-	-	-
Segen People	77,331	59,934	1.134	6	14,230,829	-	-	-	-	-
Gambela Region	76,571	69,975	1.642	6	23,829,158	-	-	-	-	-
Angnuwak	4,965	5,546	1.89	6	2,247,668	-	-	-	-	-
Nuware	58,700	52,936	1.636	6	18,049,232	-	-	-	-	-
Mezhenger	7,341	8,767	1.511	5	2,389,766	-	-	-	-	-
Itang Special	*	2,725	1.858	6	1,142,493	-	-	-	-	-
Harari	4,163	12,266	1.952	5	4,249,130	*	*	*	*	*
Hundene	4,163	12,266	1.952	5	4,249,130	*	*	*	*	*
Dire Dawa	1,558	11,280	1.736	5	3,359,303	1,081	947	2.458	8	622,778

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	15,852,818	4	21	12	85,490,740
Tigray	1,310,391	5	21	13	9,343,260
North West Tigray	315,796	3	17	12	1,596,926
Central Tigray	350,095	6	22	13	2,967,563
Eastern Tigray	259,470	5	22	12	1,966,966
Southern Tigray	254,591	6	22	13	2,184,516
Western Tigray	130,439	3	20	12	627,290
Afar	9,969	5	19	13	74,924
Zone 1	*	*	*	*	*
Zone 3	8,221	5	19	13	63,002
Amhara	4,559,110	4	21	12	25,137,417
North Gonder	894,040	3	20	12	3,706,994
South Gonder	553,721	3	20	12	2,423,107
North Wolo	286,422	4	22	11	1,577,006
South Wolo	618,150	5	22	12	4,282,904
North Shewa	607,936	4	21	12	3,753,086
East Gojam	447,153	4	22	13	3,264,933
West Gojam	700,746	3	21	13	3,654,534
Waghamera	98,220	4	22	11	598,451
Awi	282,667	3	21	13	1,440,050
Oromia	62,898	4	23	12	399,302
Argoba Special	7,156	4	20	11	37,051
Oromia	6,437,660	4	21	12	35,563,396
West Wellega	394,681	3	18	10	1,233,066
East Wellega	210,812	3	19	10	631,046
Illubabor	341,621	3	19	10	1,310,282
Jimma	579,381	3	19	10	2,159,145
West Shewa	507,131	5	23	13	3,645,921
North Shewa	403,232	6	25	14	3,377,197
East Shewa	439,280	5	23	14	3,159,089
Arsi	803,423	5	23	13	6,123,893
West Harerghe	409,422	3	21	12	1,781,993
East Harerghe	567,563	4	19	11	2,746,542
Bale	268,166	4	21	13	1,674,359
Borena	174,073	3	18	11	742,260
South West Shewa	393,988	5	24	13	2,577,644
Guji	231,096	3	20	12	914,825
West arsi	382,429	5	22	13	2,347,453
Kelem Wellega	205,897	3	18	10	675,170
Horoguduru Wellega	125,464	3	21	11	463,511

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	53,603	4	17	12	281,768
Shinele	1,823	3	17	10	8,077
Jijiga	6,956	6	14	12	52,389
Liben	44,825	4	18	12	221,303
Benshangul-Gumuz	279,614	3	18	11	1,105,348
Metekel	113,194	3	19	11	468,049
Asosa	122,919	3	17	11	476,984
Kemeshi	28,836	3	17	10	104,338
Mao Komo	14,665	3	18	11	55,977
SNNP	3,081,305	3	19	11	13,414,314
Gurage	249,635	4	20	11	1,412,531
Hadiya	265,384	3	20	11	1,104,853
Kembata Tembaro	126,476	3	19	11	510,209
Sidama	556,700	4	20	12	2,940,823
Gedio	86,574	3	17	11	409,350
Wolayita	246,704	3	17	10	891,913
South Omo	174,717	3	20	11	738,726
Shaka	57,503	3	20	12	237,901
Kaffa	287,828	3	17	10	963,553
Gamo Gofa	355,521	4	19	11	1,451,266
Bench Maji	120,435	3	18	11	471,713
Yem Sp. Wereda	20,993	4	20	11	94,389
Dawro	63,753	3	16	10	208,038
Basketo Sp. Wereda	16,641	3	22	12	72,121
Konta Sp. Wereda	29,038	3	17	10	84,890
Silte	234,362	4	20	11	1,066,569
Alaba Sp. Wereda	54,331	4	20	11	235,035
Segen People	134,711	3	19	11	520,437
Gambela Region	69,863	3	17	12	323,417
Angnuwak	22,981	3	17	11	117,728
Nuware	23,550	3	16	12	109,828
Mezhenger	16,060	3	18	12	65,199
Itang Special	7,272	3	20	11	30,661
Harari	17,468	4	21	11	83,450
Hundene	17,468	4	21	11	83,450
Dire Dawa	33,835	4	19	11	163,445

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	504,684	5	32	27	6,218,293
Tigray	105,120	6	25	19	990,811
North West Tigray	22,610	4	22	19	174,852
Central Tigray	39,879	6	26	19	403,920
Eastern Tigray	20,418	6	24	17	207,043
Southern Tigray	18,525	5	24	19	182,454
Western Tigray	*	*	*	*	*
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	189,173	4	37	30	2,072,431
North Gonder	11,816	3	35	30	97,773
South Gonder	11,142	4	20	17	64,579
North Wolo	7,840	4	25	21	85,722
South Wolo	18,652	5	24	21	214,757
North Shewa	33,025	4	32	25	327,522
East Gojam	49,414	5	46	37	605,796
West Gojam	32,178	4	31	25	303,362
Waghamera	6,840	6	26	22	117,263
Awi	15,791	4	76	55	241,278
Oromia	*	*	*	*	*
Argoba Special	*	*	*	*	*
Oromia	154,916	7	32	28	2,599,041
West Wellega	3,859	3	20	16	21,100
East Wellega	2,644	3	*	*	32,729
Illubabor	4,527	*	*	*	13,829
Jimma	*	5	21	19	*
West Shewa	22,032	6	28	21	225,272
North Shewa	18,531	5	27	21	246,995
East Shewa	30,233	7	28	24	426,830
Arsi	34,056	7	29	25	551,788
West Harerghe	2,164	*	23	20	*
East Harerghe	6,954	6	19	17	*
Bale	7,478	4	39	35	48,574
Borena	*	*	*	*	*
South West Shewa	11,592	*	*	*	*
Guji	-	*	*	*	*
West Arsi	6,309	5	32	30	104,438
Kelem Wellega	*	*	*	*	*
Horoguduru Wellega	*	3	*	*	6,786

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	1,556	4	18	16	11,327
Metekel	1,335	4	18	13	6,435
Asosa	*	*	*	*	*
Kemeshi	*	*	*	*	*
Mao komo	*	*	*	*	*
SNNP	50,615	4	26	22	510,419
Gurage	9,465	4	27	24	84,628
Hadiya	6,049	5	23	21	95,207
Kembata Tembaro	2,201	3	29	23	16,987
Sidama	6,532	4	26	25	57,439
Gedio	*	3	30	29	12,558
Wolayita	6,579	4	24	17	43,001
South Omo	3,835	4	21	18	*
Shaka	1,211	4	*	*	*
Kaffa	*	*	*	*	20,083
Gamo Gofa	*	5	24	18	*
Bench Maji	649	4	19	16	5,097
Yem Sp. Wereda	1,046	4	27	24	10,019
Dawro	*	*	*	*	*
Basketo Sp. Wereda	*	*	*	*	*
Konta Sp. Wereda	*	*	*	*	*
Silte	*	6	31	27	59,978
Alaba Sp. Wereda	*	*	*	*	*
Segen People	1,353	*	21	*	19,634
Gambela Region	*	4	*	*	3,369
Angnuwak	-	-	-	-	-
Nuware	-	*	*	*	*
Mezhenger	*	4	*	*	3,234
Itang Special	-	-	-	-	-
Harari	*	*	*	*	*
Hundene	*	*	*	*	*
Dire Dawa	2,707	6	29	24	29,284

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	148,737	-	93	87	1,424,152
Tigray	62,535	-	119	111	739,812
North West Tigray	5,219	-	*	*	*
Central Tigray	29,588	-	142	135	428,991
Eastern Tigray	19,109	-	122	117	242,467
Southern Tigray	8,167	-	60	49	35,846
Western Tigray	*	-	*	*	*
Afar	*	-	*	*	*
Zone 1	-	-	-	-	-
Zone 3	*	-	*	*	*
Amhara	24,440	-	82	79	256,965
North Gonder	*	-	*	*	*
South Gonder	*	-	*	*	*
North Wolo	*	-	116	116	25,911
South Wolo	*	-	*	*	*
North Shewa	3,475	-	*	*	*
East Gojam	3,800	-	57	59	*
West Gojam	*	-	35	34	26,158
Waghamera	*	-	*	*	*
Awi	2,149	-	205	193	55,097
Oromia	-	-	*	*	*
Argoba Special	*	-	*	*	*
Oromia	44,617	-	71	65	296,935
West Wellega	*	-	*	*	*
East Wellega	*	-	*	*	*
Illubabor	3,936	-	*	*	*
Jimma	*	-	*	*	*
West Shewa	6,488	-	212	189	54,578
North Shewa	*	-	*	*	*
East Shewa	*	-	*	*	*
Arsi	3,695	-	29	29	16,223
West Harerghe	*	-	*	*	*
East Harerghe	*	-	-	-	-
Bale	3,021	-	30	30	6,581
Borena	-	-	-	-	-
South West Shewa	*	-	*	*	*
Guji	387	-	30	30	1,160
West Arsi	*	-	*	*	*
Kelem Wellega	*	-	*	*	*
Horoguduru Wellega	*	-	*	*	*

-

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	*	-	*	*	*
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	*	-	*	*	*
Benshangul-Gumuz	1,197	-	*	*	*
Metekel	*	-	*	*	*
Asosa	*	-	*	*	*
Kemeshi	*	-	-	-	-
Mao Komo	-	-	*	*	*
SNNP	9,412	-	72	64	58,295
Gurage	*	-	*	*	*
Hadiya	1,535	-	*	*	*
Kembata Tembaro	1,434	-	*	*	*
Sidama	*	-	*	*	*
Gedio	-	-	-	-	-
Wolayita	*	-	*	*	*
South Omo	*	-	*	*	*
Shaka	*	-	*	*	*
Kaffa	*	-	*	*	*
Gamo Gofa	-	-	-	-	-
Bench Maji	*	-	*	*	*
Yem Sp. Wereda	*	-	*	*	*
Dawro	*	-	*	*	*
Basketo Sp. Wereda	*	-	*	*	*
Konta Sp. Wereda	-	-	-	-	-
Silte	*	-	*	*	*
Alaba Sp. Wereda	-	-	-	-	-
Segen People	-	-	-	-	-
Gambela Region	*	-	*	*	*
Angnuwak	*	-	*	*	*
Nuware	-	-	-	-	-
Mezhenger	*	-	*	*	*
Itang Special	-	-	-	-	-
Harari	*	-	*	*	*
Hundene	*	-	*	*	*
Dire Dawa	3,478	-	49	41	14,015

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

a. Cattle

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	20,748,062	6,255,220	6,526,943	2,620,525	3,407,172	1,935,591
Tigray	2,689,789	1,004,281	881,114	366,337	306,609	131,448
North West Tigray	388,721	74,949	134,150	98,919	*	*
Central Tigray	544,936	260,238	186,467	*	57,531	*
Eastern Tigray	544,631	204,777	217,756	94,867	*	*
Southern Tigray	849,853	232,740	286,043	116,763	161,291	53,017
Western Tigray	361,648	231,577	56,698	40,124	*	*
Afar	*	*	*	*	-	*
Zone 1	4,190	-	-	4,034	-	*
Zone 3	*	*	*	*	-	*
Amhara	2,771,395	994,337	702,082	324,509	245,619	503,600
North Gonder	254,345	114,729	*	*	*	80,072
South Gonder	177,489	*	*	67,187	*	49,898
North Wolo	183,640	43,870	77,510	30,347	*	*
South Wolo	544,442	119,329	210,847	*	97,089	116,326
North Shewa	263,676	37,945	124,432	*	*	28,582
East Gojam	614,985	337,068	*	*	*	99,701
West Gojam	330,387	140,395	*	*	*	30,298
Waghamera	42,519	25,474	*	*	*	*
Awi	289,678	91,460	82,747	*	*	79,237
Oromia	69,755	*	*	*	*	*
Argoba Special	*	-	*	*	-	-
Oromia	10,628,648	2,895,328	3,432,077	1,134,286	2,270,915	894,678
West Wellega	534,918	155,538	84,539	*	163,523	62,247
East Wellega	466,800	103,814	109,578	55,301	188,109	*
Illubabor	408,994	109,837	*	*	209,014	48,167
Jimma	474,715	88,974	192,316	*	160,421	*
West Shewa	562,379	128,927	217,702	*	141,563	22,960
North Shewa	850,194	211,070	259,016	143,784	152,584	82,377
East Shewa	743,201	299,875	248,357	*	153,325	*
Arsi	971,708	359,769	313,881	*	120,754	*
West Harerghe	692,166	137,895	228,955	*	228,435	76,083
East Harerghe	436,331	231,465	58,054	5,340	68,771	72,700
Bale	593,262	*	363,798	*	*	92,227
Borena	681,388	*	*	400,003	*	160,603
South West Shewa	585,483	181,510	284,993	*	*	*
Guji	741,951	190,741	434,871	*	70,349	*
West Arsi	1,375,438	464,202	483,393	60,972	280,729	86,142
Kelem Wellega	237,344	51,443	37,477	85,117	33,321	*
Horoguduru Wellega	272,377	79,719	57,229	*	119,660	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	39,542	*	*	11,951	*	*
Shinele	6,829	*	-	*	*	*
Jijiga	23,193	-	*	*	-	*
Liben	9,520	-	*	9,425	-	-
Benshangul-Gumuz	328,984	36,778	64,159	58,911	93,137	75,998
Metekel	220,584	*	52,953	29,543	60,557	65,628
Asosa	84,445	20,893	*	24,934	26,156	*
Kemeshi	7,617	-	*	*	3,985	*
Mao Komo	16,337	*	5,259	2,543	*	2,113
SNNP	4,232,448	1,305,271	1,432,225	702,826	477,332	314,793
Gurage	457,751	190,779	148,465	45,777	*	*
Hadiya	237,147	131,169	92,872	*	*	*
Kembata Tembaro	132,936	75,533	28,219	*	*	-
Sidama	742,436	145,024	331,177	92,767	172,834	*
Gedio	32,814	*	17,122	*	*	*
Wolayita	411,926	136,266	149,656	*	73,801	*
South Omo	498,254	66,298	42,931	*	*	80,419
Shaka	73,002	2,156	43,876	-	26,970	-
Kaffa	244,909	86,499	108,922	*	37,675	-
Gamo Gofa	530,262	139,303	192,427	103,434	*	*
Bench Maji	175,947	14,996	89,076	*	42,280	*
Yem Sp. Wereda	36,027	*	30,848	*	*	-
Dawro	88,025	50,636	29,121	*	*	*
Basketo Sp. Wereda	42,782	19,477	16,886	*	5,555	*
Konta Sp. Wereda	32,589	10,292	11,633	*	*	*
Silte	192,776	121,049	38,708	*	*	*
Alaba Sp. Wereda	81,266	50,280	18,104	*	*	-
Segen People	221,599	58,420	42,182	49,373	*	53,991
Gambela Region	17,129	*	*	*	7,233	*
Angnuwak	*	*	*	*	-	*
Nuware	-	-	-	-	-	-
Mezhenger	7,841	*	*	-	7,233	-
Itang Special	-	-	-	-	-	-
Harari	4,881	2,832	-	-	*	*
Hundene	4,881	2,832	-	-	*	*
Dire Dawa	18,033	9,598	2,563	*	4,997	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	4,281,540	585,305	359,702	1,100,393	1,140,884	1,046,789
Tigray	802,577	141,578	92,186	72,949	468,739	24,715
North West Tigray	*	-	*	*	*	*
Central Tigray	202,588	*	*	*	145,645	*
Eastern Tigray	385,703	90,969	45,313	*	202,443	*
Southern Tigray	154,068	*	*	*	90,975	*
Western Tigray	37,591	*	*	*	12,790	*
Afar	*	*	*	*	*	*
Zone 1	*	-	-	*	-	-
Zone 3	*	*	*	*	*	*
Amhara	1,274,721	202,728	32,823	185,664	290,855	536,367
North Gonder	61,108	*	*	*	*	*
South Gonder	57,348	*	-	*	-	*
North Wolo	193,128	*	*	62,214	47,446	*
South Wolo	373,009	*	*	*	*	196,696
North Shewa	257,187	*	-	10,826	59,940	186,088
East Gojam	205,972	*	11,388	41,208	*	34,224
West Gojam	75,626	*	*	*	*	9,477
Waghamera	23,382	*	*	*	*	*
Awi	22,587	-	*	*	-	19,370
Oromia	*	*	*	*	-	*
Argoba Special	-	-	-	-	-	-
Oromia	1,316,795	128,223	138,145	368,811	244,148	420,397
West Wellega	19,297	*	*	*	*	*
East Wellega	*	*	*	*	*	-
Illubabor	*	*	-	*	*	*
Jimma	*	-	-	*	*	-
West Shewa	97,928	-	*	*	*	*
North Shewa	256,404	*	21,422	42,676	23,293	145,383
East Shewa	87,031	19,280	8,674	*	33,156	*
Arsi	216,103	*	*	*	*	*
West Harerghe	46,398	*	15,324	*	17,085	6,588
East Harerghe	59,872	19,062	-	*	32,773	*
Bale	23,049	*	*	*	-	*
Borena	204,299	-	-	147,228	*	*
South West Shewa	70,877	*	*	*	*	*
Guji	38,828	*	12,211	*	*	-
West Arsi	139,035	*	16,070	20,250	13,931	58,606
Kelem Wellega	15,780	*	*	*	*	*
Horoguduru Wellega	9,681	*	-	*	*	*

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	41,271	*	*	*	5,026	*
Shinele	14,691	-	-	*	5,026	*
Jijiga	*	-	*	*	-	-
Liben	*	*	-	*	-	*
Benshangul-Gumuz	20,931	*	*	8,565	*	8,564
Metekel	*	*	*	*	-	-
Asosa	13,240	-	-	4,829	-	*
Kemeshi	*	-	*	-	*	*
Mao Komo	4,551	*	*	2,474	*	1,214
SNNP	754,506	96,560	92,192	*	116,095	47,406
Gurage	*	*	*	*	*	*
Hadiya	26,597	*	*	*	*	*
Kembata Tembaro	14,571	*	*	-	*	-
Sidama	46,914	*	*	*	*	*
Gedio	47,788	*	*	31,050	*	*
Wolayita	2,620	*	*	*	*	-
South Omo	*	*	*	*	*	*
Shaka	*	-	*	-	*	-
Kaffa	11,753	*	*	*	*	-
Gamo Gofa	*	*	*	*	*	*
Bench Maji	7,214	*	*	*	5,970	-
Yem Sp. Wereda	9,506	*	*	-	5,459	3,781
Dawro	10,638	*	*	*	*	*
Basketo Sp. Wereda	9,279	2,881	1,769	2,078	*	*
Konta Sp. Wereda	*	-	-	*	-	-
Silte	26,357	*	*	*	15,282	*
Alaba Sp. Wereda	7,904	4,708	*	*	*	*
Segen People	*	-	*	*	-	*
Gambela Region	*	-	-	*	*	-
Angnuwak	*	-	-	*	-	-
Nuware	-	-	-	-	-	-
Mezhenger	*	-	-	*	*	-
Itang Special	-	-	-	-	-	-
Harari	*	*	-	-	-	*
Hundene	*	*	-	-	-	*
Dire Dawa	29,544	8,353	*	*	14,996	2,387

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	4,056,717	394,462	330,179	1,567,193	1,188,662	542,359
Tigray	1,187,521	135,329	152,265	70,859	757,207	67,736
North West Tigray	270,320	*	*	29,327	186,207	*
Central Tigray	539,444	*	*	*	357,172	*
Eastern Tigray	117,991	*	16,172	*	57,855	*
Southern Tigray	111,262	15,054	*	17,997	63,949	*
Western Tigray	148,504	*	*	*	92,025	*
Afar	*	*	*	*	*	*
Zone 1	*	-	-	*	*	-
Zone 3	*	*	*	*	-	*
Amhara	470,115	99,001	17,696	114,615	77,121	143,941
North Gonder	*	*	*	*	*	*
South Gonder	*	-	-	*	-	*
North Wolo	50,904	*	*	*	*	*
South Wolo	96,321	*	*	*	*	*
North Shewa	45,477	-	-	*	*	17,672
East Gojam	*	7,197	-	*	-	*
West Gojam	*	*	*	*	*	*
Waghamera	81,970	*	*	*	*	*
Awi	*	-	-	-	-	*
Oromia	*	*	*	*	-	*
Argoba Special	*	-	-	*	-	*
Oromia	1,294,420	107,861	115,975	591,621	248,952	223,887
West Wellega	*	-	-	*	*	-
East Wellega	9,283	*	*	-	3,357	*
Illubabor	7,819	*	*	-	*	*
Jimma	-	-	-	-	-	-
West Shewa	13,807	*	*	*	*	*
North Shewa	42,069	*	*	*	*	*
East Shewa	129,654	32,130	15,643	9,231	35,444	36,189
Arsi	49,331	*	*	*	*	*
West Harerghe	199,245	*	43,862	*	94,328	*
East Harerghe	120,525	23,278	*	*	69,612	*
Bale	*	-	*	*	-	*
Borena	442,193	-	*	375,945	*	*
South West Shewa	33,261	*	*	*	4,466	*
Guji	*	*	-	*	-	*
West Arsi	107,966	*	25,862	13,422	*	27,227
Kelem Wellega	*	*	-	*	*	*
Horoguduru Wellega	2,607	-	-	*	*	*

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	110,826	-	*	56,350	19,246	*
Shinele	49,830	-	-	*	19,246	*
Jijiga	*	-	*	*	-	*
Liben	*	-	-	*	-	*
Benshangul-Gumuz	82,371	*	*	33,833	5,894	33,750
Metekel	8,006	*	*	*	*	*
Asosa	56,412	*	-	*	*	24,926
Kemeshi	*	-	*	-	*	*
Mao Komo	12,785	*	*	5,490	*	3,925
SNNP	786,378	21,025	31,651	661,300	42,144	*
Gurage	*	*	-	*	*	*
Hadiya	13,532	*	*	*	*	*
Kembata Tembaro	7,035	*	6,057	-	*	-
Sidama	7,414	*	*	*	*	-
Gedio	*	-	*	*	-	-
Wolayita	*	-	*	-	-	-
South Omo	*	-	*	*	*	*
Shaka	*	*	-	-	*	-
Kaffa	4,120	*	*	-	*	-
Gamo Gofa	10,005	*	*	*	-	*
Bench Maji	2,054	-	*	*	1,349	*
Yem Sp. Wereda	7,821	-	*	-	3,719	*
Dawro	*	*	*	*	*	*
Basketo Sp. Wereda	2,526	*	*	*	-	*
Konta Sp. Wereda	*	*	*	*	-	-
Silte	12,865	*	*	*	*	*
Alaba Sp. Wereda	10,292	4,311	*	*	*	*
Segen People	46,608	-	-	30,161	*	*
Gambela Region	*	-	-	*	-	*
Angnuwak	*	-	-	*	-	*
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	*	*	*	-	-	*
Hundene	*	*	*	-	-	*
Dire Dawa	71,406	20,806	*	*	36,603	6,846

d. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	44,247	6,798	*	11,733	*	9,665
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	18,978	*	*	*	*	*
West Wellega	*	-	-	-	-	*
East Wellega	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-
Jimma	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	*	-	-	-	-	*
East Shewa	*	-	-	-	-	*
Arsi	-	-	-	-	-	-
West Harerghe	*	*	*	*	*	-
East Harerghe	*	-	-	-	*	*
Bale	-	-	-	-	-	-
Borena	*	-	-	*	*	-
South West Shewa	-	-	-	-	-	-
Guji	-	-	-	-	-	-
West Arsi	*	*	*	*	*	*
Kelem Wellega	-	-	-	-	-	-
Horoguduru Wellega	-	-	-	-	-	-

TABLE 3-23 – d CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	*	*	-	*	*	-
Shinele	*	*	-	*	*	-
Jijiga	-	-	-	-	-	-
Liben	*	-	-	*	-	-
Benshangul-Gumuz	-	-	-	-	-	-
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-
Mao Komo	-	-	-	-	-	-
SNNP	*	-	-	-	-	*
Gurage	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-
Sidama	-	-	-	-	-	-
Gedio	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-
South Omo	-	-	-	-	-	-
Shaka	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-
Yem Sp. Wereda	*	-	-	-	-	*
Dawro	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-
Silte	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-
Segen People	-	-	-	-	-	-
Gambela Region	-	-	-	-	-	-
Angnuwak	-	-	-	-	-	-
Nuware	-	-	-	-	-	-
Mezhenger	-	-	-	-	-	-
Itang Special	-	-	-	-	-	-
Harari	-	-	-	-	-	-
Hundene	-	-	-	-	-	-
Dire Dawa	*	*	-	-	*	*

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	9,052,653	4,946,543	4,454,657	1,252,784	54,639	25,791,507
Tigray	538,229	216,547	597,586	49,336	5,277	2,370,998
North West Tigray	193,904	16,950	285,425	13,624	3,504	928,585
Central Tigray	77,601	69,249	151,627	14,927	-	373,073
Eastern Tigray	47,676	72,750	20,626	5,118	-	206,751
Southern Tigray	110,290	44,887	67,756	11,986	*	342,007
Western Tigray	108,758	12,712	72,151	3,682	*	520,581
Afar	108,153	160,502	279,848	5,338	7,801	16,281
Zone 1	76,080	119,475	200,463	4,502	5,184	*
Zone 3	32,074	41,026	79,385	836	2,617	13,711
Amhara	2,102,520	1,819,266	1,279,022	427,082	6,122	10,661,311
North Gonder	401,336	257,937	378,405	45,804	-	4,023,241
South Gonder	182,640	148,352	72,379	37,872	-	1,064,975
North Wolo	98,181	197,422	133,100	23,707	*	450,656
South Wolo	131,899	231,602	114,553	30,226	3,113	398,766
North Shewa	169,875	362,423	171,179	43,949	*	905,887
East Gojam	284,936	227,012	74,208	112,245	-	528,272
West Gojam	430,496	201,902	79,302	65,630	-	2,130,423
Waghamera	63,535	50,414	168,535	7,138	-	156,512
Awi	290,343	127,178	48,466	57,806	-	859,759
Oromia	46,937	14,627	33,467	2,441	939	135,997
Argoba Special	2,340	398	5,428	266	*	6,822
Oromia	4,095,276	1,898,727	1,283,995	611,677	26,582	8,207,971
West Wellega	362,456	92,413	39,295	39,747	-	871,826
East Wellega	327,139	61,940	42,641	30,447	*	414,405
Illubabor	369,982	107,984	66,988	35,711	-	439,478
Jimma	450,130	246,620	50,312	48,325	-	543,826
West Shewa	345,211	222,563	71,001	47,524	-	806,470
North Shewa	182,981	286,571	33,932	31,984	-	438,613
East Shewa	129,717	67,971	77,914	28,884	*	666,060
Arsi	224,074	142,662	103,719	74,836	*	917,964
West Harerghe	174,635	27,533	121,818	37,280	*	469,330
East Harerghe	170,124	49,528	156,443	21,108	*	119,982
Bale	209,725	40,597	134,997	38,695	2,419	220,763
Borena	121,863	96,856	161,719	6,958	7,237	162,242
South West Shewa	152,612	73,798	44,050	33,137	-	694,148
Guji	109,637	63,897	39,344	20,918	-	228,024
Werst Arsi	216,187	155,649	44,623	53,952	-	286,363
Kelem Wellega	290,368	103,647	61,609	27,168	-	729,207
Horoguduru Wellega	258,435	58,499	33,590	35,004	-	199,269

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	39,268	99,668	155,508	2,752	8,172	12,959
Shinele	5,224	13,517	43,417	1,030	2,084	*
Jijiga	20,605	62,700	54,270	*	2,320	*
Liben	13,439	23,451	57,821	1,371	3,768	9,862
Benshangul-Gumuz	265,838	35,744	249,424	29,739	-	1,032,918
Metekel	177,671	11,802	72,403	10,340	-	377,701
Asosa	65,633	15,237	140,444	13,686	-	504,031
Kemeshi	10,710	2,513	21,067	3,996	-	61,014
Mao Komo	11,825	6,191	15,510	1,717	-	90,172
SNNP	1,843,812	697,090	562,043	124,439	-	3,279,785
Gurage	131,579	28,839	8,439	7,766	-	174,730
Hadiya	130,011	36,324	13,728	12,450	-	294,333
Kembata Tembaro	58,383	10,641	4,634	5,263	-	64,794
Sidama	226,632	47,579	13,654	14,420	-	337,905
Gedio	9,884	35,123	*	8,001	-	106,596
Wolayita	172,508	22,081	12,768	9,136	-	185,026
South Omo	179,217	111,515	258,008	2,098	-	226,256
Shaka	23,919	13,807	4,179	2,282	-	173,953
Kaffa	167,192	136,518	43,614	16,803	-	486,273
Gamo Gofa	329,482	115,938	56,523	17,925	-	511,377
Bench Maji	100,888	37,654	12,945	4,359	-	267,643
Yem Sp. Wereda	14,205	5,037	2,815	972	-	17,735
Dawro	84,376	14,171	8,858	3,856	-	46,241
Basketo Sp. Wereda	16,944	5,532	4,732	917	-	25,437
Konta Sp. Wereda	31,010	5,165	2,356	1,166	-	31,000
Silte	49,922	27,803	12,547	9,206	-	117,957
Alaba Sp. Wereda	21,643	7,106	6,529	3,368	-	44,954
Segen People	96,019	36,257	95,025	4,450	-	167,574
Gambela Region	47,052	8,194	15,715	*	-	176,585
Angnuwak	11,788	502	3,944	*	-	103,603
Nuware	29,454	6,202	10,900	-	-	8,534
Mezhenger	4,697	1,399	358	*	-	46,349
Itang Special	1,113	*	513	-	-	*
Harari	5,495	309	3,228	805	*	7,933
Hundene	5,495	309	3,228	805	*	7,933
Dire Dawa	7,011	10,496	28,288	1,249	415	24,767

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	5,191,125	1,809,382	1,332,887	629,519	17,727	1,866,431
Tigray	171,436	82,163	226,137	13,108	2,308	182,499
North West Tigray	54,138	*	124,714	1,743	1,622	83,371
Central Tigray	26,365	39,733	46,928	4,999	-	*
Eastern Tigray	18,476	18,969	6,725	2,005	-	27,450
Southern Tigray	43,637	15,051	27,557	3,307	*	*
Western Tigray	28,820	*	20,213	*	*	20,989
Afar	4,938	*	*	*	*	-
Zone 1	1,957	*	*	-	*	-
Zone 3	2,980	*	*	*	*	-
Amhara	1,180,111	812,705	280,105	208,860	3,296	762,395
North Gonder	98,883	*	54,809	14,025	-	61,245
South Gonder	104,806	41,721	13,674	14,653	-	180,613
North Wolo	40,478	77,440	*	4,205	*	*
South Wolo	58,452	76,480	19,723	10,965	*	*
North Shewa	71,082	156,374	23,253	14,945	*	40,589
East Gojam	205,887	142,938	20,888	66,223	-	84,362
West Gojam	340,037	118,393	17,657	41,527	-	259,633
Waghamera	17,663	9,747	39,204	1,886	-	*
Awi	226,930	87,091	24,886	39,779	-	102,455
Oromia	15,693	2,133	10,202	*	*	*
Argoba Special	199	-	602	*	*	-
Oromia	2,579,830	704,940	424,896	317,255	8,756	630,451
West Wellega	314,253	59,648	23,044	32,037	-	*
East Wellega	264,490	36,426	23,490	20,741	*	81,474
Illubabor	300,698	45,486	40,782	24,959	-	30,027
Jimma	157,601	17,915	*	12,403	-	*
West Shewa	214,585	77,001	14,934	18,697	-	44,477
North Shewa	119,485	134,318	6,292	13,911	-	37,976
East Shewa	84,245	36,335	33,870	15,194	*	65,373
Arsi	109,917	61,390	*	38,410	-	55,832
West Harerghe	80,714	10,142	32,009	10,491	*	*
East Harerghe	79,009	15,459	45,289	7,270	*	*
Bale	90,398	3,355	34,162	17,665	1,800	*
Borena	53,146	31,347	55,013	*	1,671	*
South West Shewa	93,490	33,826	16,465	19,527	-	51,767
Guji	40,415	7,478	*	*	-	*
West Arsi	118,511	24,280	16,833	30,824	-	10,086
Kelem Wellega	270,479	79,486	43,289	22,136	-	74,475
Horoguduru Wellega	188,394	31,048	18,623	26,404	-	18,887

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	11,662	14,161	26,571	224	2,108	*
Shinele	1,999	2,950	12,587	159	*	-
Jijiga	5,153	4,658	*	-	-	-
Liben	*	*	8,371	*	1,034	*
Benshangul-Gumuz	220,931	25,381	108,924	20,470	-	85,179
Metekel	135,982	7,331	24,236	7,437	-	20,344
Asosa	64,657	11,725	63,300	8,652	-	41,839
Kemeshi	9,490	1,336	9,940	2,944	-	*
Mao Komo	10,801	4,988	11,447	1,438	-	13,809
SNNP	1,008,047	155,722	231,949	68,756	-	194,002
Gurage	81,079	5,659	3,231	5,202	-	*
Hadiya	58,022	6,691	*	7,238	-	56,902
Kembata Tembaro	29,803	2,005	1,655	3,568	-	9,518
Sidama	106,272	19,518	4,273	8,168	-	*
Gedio	4,764	9,248	*	3,003	-	6,013
Wolayita	96,894	5,335	*	7,708	-	*
South Omo	99,809	33,271	*	951	-	*
Shaka	16,576	4,152	*	1,446	-	7,051
Kaffa	64,899	13,667	3,570	5,297	-	23,894
Gamo Gofa	184,988	16,001	13,947	10,419	-	*
Bench Maji	60,724	10,616	2,644	2,068	-	*
Yem Sp. Wereda	10,804	1,525	1,283	470	-	1,597
Dawro	68,161	5,628	3,452	2,794	-	1,906
Basketo Sp. Wereda	13,807	3,359	2,014	697	-	3,971
Konta Sp. Wereda	21,709	1,172	859	447	-	-
Silte	30,404	7,806	2,739	*	-	*
Alaba Sp. Wereda	10,599	*	*	1,725	-	*
Segen People	48,732	*	40,492	2,354	-	4,600
Gambela Region	9,261	368	645	*	-	9,812
Angnuwak	4,930	*	541	*	-	6,843
Nuware	*	*	*	-	-	*
Mezhenger	3,778	286	*	*	-	*
Itang Special	*	*	-	-	-	-
Harari	2,004	*	1,418	320	-	*
Hundene	2,004	*	1,418	320	-	*
Dire Dawa	2,906	1,635	5,280	296	255	1,467

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	2,942,523	3,355,931	2,981,172	193,984	335,417	23,500	24,083	23,608,473
Tigray	138,621	154,537	414,439	*	25,306	*	*	2,176,880
North West Tigray	50,202	11,500	187,769	-	8,258	-	*	841,028
Central Tigray	17,491	43,025	120,393	*	7,581	-	-	369,886
Eastern Tigray	11,075	56,985	13,977	*	2,307	-	-	189,497
Southern Tigray	23,119	31,299	47,569	-	5,363	-	*	346,820
Western Tigray	36,734	*	44,731	-	1,796	*	-	429,649
Afar	61,654	115,398	190,878	*	4,034	*	3,579	16,318
Zone 1	47,870	91,164	150,226	-	3,761	-	2,372	*
Zone 3	13,784	24,234	40,652	*	*	*	*	15,050
Amhara	542,233	1,174,575	905,316	61,662	131,272	6,094	1,336	9,491,808
North Gonder	167,395	226,187	304,161	*	18,485	*	-	3,882,928
South Gonder	13,331	33,429	16,682	*	7,637	*	-	152,899
North Wolo	30,486	110,785	70,924	3,480	6,329	*	*	465,232
South Wolo	63,060	185,220	80,753	4,858	11,349	*	-	392,230
North Shewa	49,812	256,941	133,156	*	21,825	-	*	909,055
East Gojam	64,195	155,459	67,461	20,900	30,603	-	-	525,956
West Gojam	74,029	94,465	47,624	4,282	19,865	2,749	-	2,156,707
Waghamera	14,361	35,652	124,794	-	3,522	*	-	145,736
Awi	35,677	63,935	28,444	8,116	10,641	*	-	716,672
Oromia	28,440	12,246	27,033	*	816	*	*	137,797
Argoba Special	1,447	256	4,285	-	199	*	-	6,595
Oromia	1,378,917	1,307,859	849,814	101,571	142,629	11,554	14,252	7,643,591
West Wellega	65,607	39,156	16,811	*	7,737	*	-	753,302
East Wellega	57,934	26,357	22,204	*	6,158	-	-	386,436
Illubabor	104,586	72,015	35,386	9,637	5,184	*	-	443,424
Jimma	198,079	186,829	37,302	16,210	4,684	3,265	-	500,101
West Shewa	100,630	167,076	50,369	11,945	8,626	1,393	-	758,650
North Shewa	71,479	208,467	23,434	2,299	13,591	*	-	402,641
East Shewa	48,940	49,846	58,376	2,501	11,976	*	*	652,698
Arsi	96,539	97,836	78,807	8,939	17,400	*	*	859,223
West Harerghe	81,325	15,553	82,900	*	18,926	*	3,525	438,324
East Harerghe	90,238	38,551	113,513	-	11,525	*	*	120,374
Bale	110,941	34,123	109,332	5,719	8,617	-	873	199,858
Borena	43,418	55,908	90,165	*	2,725	-	3,087	149,993
South West Shewa	51,180	48,845	31,898	2,119	5,609	*	*	644,878
Guji	57,370	53,629	31,222	10,142	*	*	-	212,586
West Arsi	116,314	*	32,347	21,017	8,463	-	-	271,175
Kelem Wellega	32,946	46,938	18,029	*	5,087	601	-	671,224
Horoguduru Wellega	51,392	32,805	17,720	4,526	5,285	*	-	178,702

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	21,975	60,944	108,127	*	1,004	*	3,641	11,961
Shinele	3,206	9,850	35,481	-	555	*	1,048	*
Jijiga	9,898	39,024	32,590	-	*	-	*	*
Liben	8,871	12,070	40,056	*	234	-	2,012	8,586
Benshangul-Gumuz	42,153	18,426	183,434	*	12,179	*	-	979,819
Metekel	27,008	6,157	54,536	-	2,879	*	-	375,845
Asosa	7,739	6,698	104,213	*	6,179	-	-	462,354
Kemeshi	1,997	1,316	13,941	-	2,180	-	-	57,785
Mao Komo	5,409	4,256	10,744	-	941	*	-	83,835
SNNP	728,552	509,477	291,709	29,099	17,983	4,794	-	3,094,715
Gurage	61,668	23,372	*	*	*	-	-	164,511
Hadiya	70,498	28,583	9,415	1,568	4,182	*	-	264,816
Kembata Tembaro	32,111	8,115	3,117	*	1,457	-	-	45,882
Sidama	80,012	18,662	10,139	*	*	*	-	329,835
Gedio	4,977	17,738	*	*	*	630	-	100,573
Wolayita	63,339	13,205	8,294	-	1,701	*	-	163,394
South Omo	68,879	72,593	107,576	555	*	*	-	204,141
Shaka	9,094	11,669	2,599	522	339	*	-	183,494
Kaffa	95,005	126,963	40,628	10,824	*	1,243	-	475,246
Gamo Gofa	99,684	91,216	34,434	*	*	*	-	465,061
Bench Maji	46,415	28,399	9,267	2,033	*	*	-	266,542
Yem Sp. Wereda	4,210	3,763	2,196	282	245	-	-	17,139
Dawro	23,885	9,600	6,480	*	*	*	-	46,570
Basketo Sp. Wereda	4,269	3,658	2,512	*	*	146	-	23,378
Konta Sp. Wereda	9,717	3,121	1,217	*	*	*	-	26,483
Silte	24,301	21,416	9,189	*	*	-	-	113,025
Alaba Sp. Wereda	12,379	6,142	6,091	444	941	*	-	44,437
Segen People	18,108	21,263	31,839	*	1,233	*	-	160,187
Gambela Region	21,845	5,518	11,650	*	*	-	-	164,754
Angnuwak	2,608	311	3,426	-	*	-	-	97,398
Nuware	16,743	3,961	7,496	-	-	-	-	6,153
Mezhenger	1,425	1,173	230	*	-	-	-	42,978
Itang Special	1,069	*	498	-	-	-	-	*
Harari	3,003	252	2,370	*	451	-	*	7,371
Hundene	3,003	252	2,370	*	451	-	*	7,371
Dire Dawa	3,569	8,944	23,436	*	378	-	*	21,257

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	673,572	729,614	950,827	45,302	98,277	5,431	6,407	26,036,717
Tigray	68,475	68,119	196,799	*	10,830	-	*	2,430,163
North West Tigray	26,508	6,330	57,298	-	2,876	-	*	746,009
Central Tigray	6,194	13,082	56,515	*	4,748	-	-	437,790
Eastern Tigray	3,766	27,078	20,418	*	*	-	-	322,672
Southern Tigray	12,533	14,176	25,477	*	1,236	-	*	476,526
Western Tigray	19,473	7,453	37,091	*	*	-	*	447,165
Afar	15,137	24,770	53,122	-	1,166	-	681	*
Zone 1	11,761	17,813	41,443	-	*	-	*	*
Zone 3	3,376	6,957	11,680	-	*	-	*	*
Amhara	200,533	218,864	281,776	15,397	30,508	*	*	7,213,792
North Gonder	38,888	54,531	79,672	-	6,095	-	-	1,563,244
South Gonder	5,308	5,258	4,188	*	*	-	-	190,489
North Wolo	21,621	24,306	27,448	*	3,504	-	-	450,921
South Wolo	20,406	36,308	21,682	*	2,482	-	-	662,005
North Shewa	29,391	40,083	58,670	*	6,838	-	*	710,479
East Gojam	37,359	16,648	46,257	3,974	4,411	*	-	502,891
West Gojam	23,000	26,647	11,540	*	3,135	-	-	2,029,975
Waghamera	5,200	6,219	24,189	-	444	-	-	200,647
Awi	9,485	6,517	3,856	*	*	-	-	694,055
Oromia	8,915	2,085	2,975	*	*	-	*	184,326
Argoba Special	959	262	1,300	*	133	-	-	24,759
Oromia	244,671	248,505	261,889	17,057	41,430	2,592	3,111	9,494,038
West Wellega	11,587	13,932	8,433	-	1,672	-	-	805,883
East Wellega	12,692	11,374	6,411	*	1,115	-	-	478,760
Illubabor	9,572	11,994	4,520	1,258	*	-	-	691,655
Jimma	25,817	25,315	8,861	*	*	-	-	1,101,859
West Shewa	26,535	9,227	6,417	*	1,279	*	-	307,940
North Shewa	15,580	18,386	11,950	*	2,420	-	-	164,250
East Shewa	9,961	22,205	18,639	*	7,084	-	*	363,914
Arsi	27,084	35,887	26,657	2,882	6,235	-	-	878,064
West Harerghe	12,653	7,948	30,702	-	4,267	*	*	1,160,240
East Harerghe	10,213	14,457	34,501	*	2,105	*	*	1,138,500
Bale	18,399	8,932	32,075	*	5,324	*	*	422,895
Borena	*	14,805	27,652	-	1,247	-	1,583	214,088
South West Shewa	12,304	8,667	11,661	*	1,742	-	-	198,315
Guji	3,776	8,165	9,747	*	*	*	-	361,673
West Arsi	17,306	17,528	9,344	2,236	*	-	-	469,669
Kelem Wellega	5,431	8,003	4,915	*	*	*	-	457,035
Horoguduru Wellega	10,617	11,681	9,405	1,165	1,048	*	-	279,299

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	*	22,891	44,171	*	847	*	1,049	50,181
Shinele	734	6,519	14,435	*	*	-	*	4,468
Jijiga	*	9,299	14,285	-	*	*	*	*
Liben	*	*	15,452	*	*	*	713	39,499
Benshangul-Gumuz	8,370	5,375	25,156	*	1,427	-	-	484,127
Metekel	6,636	3,637	10,965	*	443	-	-	272,485
Asosa	941	913	6,952	-	775	-	-	136,795
Kemeshi	610	*	6,512	-	*	-	-	57,266
Mao Komo	183	227	727	-	-	-	-	17,580
SNNP	95,214	133,092	73,878	8,618	11,782	*	-	6,175,556
Gurage	24,261	22,270	7,256	*	1,899	-	-	148,811
Hadiya	8,167	4,572	3,966	-	*	*	-	540,126
Kembata Tembaro	3,142	1,616	*	*	*	-	-	207,306
Sidama	5,057	5,548	*	*	*	-	-	803,565
Gedio	*	*	-	*	-	-	-	119,868
Wolayita	7,604	995	2,437	-	-	*	-	457,930
South Omo	4,582	6,778	11,289	-	*	-	-	181,352
Shaka	518	*	*	-	-	-	-	238,731
Kaffa	5,507	19,510	9,524	*	*	*	-	1,536,093
Gamo Gofa	20,278	*	14,801	*	*	*	-	687,431
Bench Maji	2,489	5,913	3,004	*	-	-	-	558,777
Yem Sp. Wereda	371	318	631	-	*	-	-	33,571
Dawro	3,191	4,131	2,591	*	-	*	-	89,712
Basketo Sp. Wereda	355	602	438	*	*	-	-	36,815
Konta Sp. Wereda	884	518	671	-	-	-	-	71,485
Silte	5,507	7,452	3,416	*	*	-	-	231,168
Alaba Sp. Wereda	886	701	1,004	*	*	-	-	81,382
Segen People	2,038	1,057	7,817	*	*	-	-	151,434
Gambela Region	11,100	2,436	4,639	*	-	-	-	98,127
Angnuwak	*	*	993	-	-	-	-	39,430
Nuware	9,467	1,616	3,552	*	-	-	-	8,536
Mezhenger	*	579	-	*	-	-	-	24,972
Itang Special	*	*	*	-	-	-	-	25,189
Harari	521	187	1,448	-	*	-	-	31,277
Hundene	521	187	1,448	-	*	-	-	31,277
Dire Dawa	557	5,376	7,946	-	224	-	*	50,300

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

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	3,382,337	4,167,116	3,941,713	3,088,701	745,221	136,344	14,284	3,156	621
Tigray	242,532	250,750	277,005	226,628	58,189	12,281	630	-	-
North West Tigray	41,515	34,006	49,513	73,526	29,749	7,323	439	-	-
Central Tigray	71,704	86,716	96,671	46,361	991	-	-	-	-
Eastern Tigray	49,857	48,326	51,572	27,005	821	-	-	-	-
Southern Tigray	63,963	68,940	61,865	50,006	5,884	521	-	-	-
Western Tigray	15,495	12,762	17,384	29,729	20,745	4,436	191	-	-
Afar	35,601	9,706	11,949	23,576	23,534	11,270	1,274	163	-
Zone 1	20,942	4,664	7,225	14,912	16,130	7,489	807	125	-
Zone 3	14,657	5,042	4,724	8,664	7,404	3,781	468	38	-
Amhara	907,520	1,279,034	1,288,004	877,745	127,520	13,751	152	-	-
North Gonder	150,441	176,168	178,218	160,684	47,762	9,245	-	-	-
South Gonder	86,725	183,513	179,082	101,999	6,159	358	-	-	-
North Wolo	61,338	107,034	114,178	49,338	1,742	-	-	-	-
South Wolo	117,377	200,437	233,945	74,655	367	-	-	-	-
North Shewa	138,043	150,702	126,721	93,702	6,169	539	-	-	-
East Gojam	148,118	200,808	173,079	121,639	16,031	-	-	-	-
West Gojam	105,960	155,290	168,342	157,031	28,048	1,687	-	-	-
Waghamera	17,271	25,153	27,100	22,694	4,172	264	-	-	-
Awi	54,500	52,921	61,650	77,399	14,495	1,097	-	-	-
Oromia	25,653	25,215	23,782	17,022	2,413	551	152	-	-
Argoba Special	2,043	1,793	1,906	1,581	160	11	-	-	-
Oromia	1,284,768	1,431,801	1,335,755	1,327,747	409,858	58,881	2,437	560	-
West Wellega	115,953	66,072	45,210	54,345	22,653	3,476	-	-	-
East Wellega	40,450	31,029	30,775	53,363	23,408	4,509	-	-	-
Illubabor	85,478	60,035	63,651	69,684	25,526	1,033	-	-	-
Jimma	113,587	141,157	155,912	165,421	29,940	1,807	-	-	-
West Shewa	115,676	95,100	96,751	117,065	44,775	7,878	-	-	-
North Shewa	62,780	67,777	92,532	102,537	28,979	1,991	-	-	-
East Shewa	83,844	79,856	65,437	59,414	16,758	5,157	217	-	-
Arsi	92,376	135,827	140,491	157,768	45,837	5,158	319	-	-
West Harerghe	59,241	126,116	100,912	56,740	7,322	403	-	-	-
East Harerghe	98,796	242,125	124,267	39,573	2,793	285	-	-	-
Bale	60,594	55,652	77,116	100,904	32,628	3,852	146	-	-
Borena	38,750	29,852	31,618	35,467	23,146	5,300	1,145	560	-
South West Shewa	69,011	92,981	94,314	75,706	12,658	-	-	-	-
Guji	58,274	47,469	44,916	66,132	35,285	6,173	212	-	-
West Arsi	100,858	97,824	107,711	112,636	37,252	6,537	301	-	-
Kelem Wellega	67,569	45,421	44,594	29,963	4,847	322	-	-	-
Horoguduru Wellega	21,533	17,509	19,548	31,030	16,048	4,999	97	-	-

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	49,578	25,495	25,405	30,815	11,354	3,227	258	-	-
Shinele	6,506	2,457	1,842	1,104	222	69	-	-	-
Jijiga	17,297	16,906	15,808	22,838	7,719	1,285	134	-	-
Liben	25,774	6,132	7,755	6,872	3,414	1,873	124	-	-
Benshangul-Gumuz	122,401	30,945	22,808	27,849	10,637	3,374	266	-	-
Metekel	33,852	14,944	14,925	20,978	9,477	3,242	266	-	-
Asosa	64,027	10,039	5,098	4,533	476	132	-	-	-
Kemeshi	14,274	2,980	1,782	1,848	685	-	-	-	-
Mao Komo	10,246	2,982	1,003	491	-	-	-	-	-
SNNP	700,187	1,130,312	971,489	577,677	83,703	12,920	3,533	961	355
Gurage	30,962	91,273	112,670	56,729	5,483	-	-	-	-
Hadiya	28,756	104,222	100,764	46,209	3,096	265	-	-	-
Kembata Tembaro	12,223	63,326	51,464	13,499	302	-	-	-	-
Sidama	207,185	339,222	188,319	89,591	18,720	1,833	-	-	-
Gedio	124,582	36,738	8,500	4,212	462	-	-	-	-
Wolayita	62,861	135,676	116,313	26,630	255	-	-	-	-
South Omo	32,491	27,611	21,949	24,578	15,350	7,308	3,402	862	355
Shaka	18,351	13,135	9,816	8,072	2,035	197	-	-	-
Kaffa	25,477	42,185	65,028	69,067	13,266	707	-	-	-
Gamo Gofa	51,473	111,211	113,167	103,067	9,804	243	-	-	-
Bench Maji	23,642	30,914	27,794	20,685	3,412	257	-	-	-
Yem Sp. Wereda	4,016	5,559	6,631	5,451	183	33	-	-	-
Dawro	8,926	13,740	24,021	27,650	3,761	90	-	-	-
Basketo Sp. Wereda	4,122	6,841	5,457	2,690	259	-	-	-	-
Konta Sp. Wereda	5,206	9,080	9,072	7,781	618	-	-	-	-
Silte	18,387	56,059	75,160	35,055	959	-	-	-	-
Alaba Sp. Wereda	7,030	17,980	15,726	11,083	924	99	-	-	-
Segen People	34,497	25,541	19,638	25,630	4,811	1,888	131	99	-
Gambela Region	27,182	7,407	4,892	5,209	5,013	3,724	414	-	36
Angnuwak	13,442	1,969	1,470	1,811	364	154	-	-	-
Nuware	1,716	473	955	2,715	4,502	3,360	316	-	36
Mezhenger	8,767	4,926	2,445	647	53	-	-	-	-
Itang Special	3,255	38	21	37	95	210	99	-	-
Harari	4,862	8,631	7,447	2,106	175	-	-	-	-
Hundene	4,862	8,631	7,447	2,106	175	-	-	-	-
Dire Dawa	7,708	11,102	5,606	1,776	33	-	-	-	-

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

Geographic Area	Holdings with no Sheep	1-4 Head	5-9 Head	10-49 Head	50-99 Head	100-199 Head	200-499 Head	>=500 Head
Ethiopia	10,286,017	3,347,969	1,300,074	529,892	13,341	1,756	444	-
Tigray	845,435	91,011	94,358	36,983	228	-	-	-
North West Tigray	218,693	7,816	7,282	2,052	228	-	-	-
Central Tigray	247,532	23,888	22,585	8,438	-	-	-	-
Eastern Tigray	84,460	30,925	44,054	18,142	-	-	-	-
Southern Tigray	199,904	24,896	19,197	7,182	-	-	-	-
Western Tigray	94,848	3,485	1,240	1,169	-	-	-	-
Afar	51,297	14,000	14,392	35,766	1,465	153	-	-
Zone 1	31,514	7,888	8,322	23,790	780	-	-	-
Zone 3	19,781	6,113	6,069	11,976	686	153	-	-
Amhara	2,879,159	886,339	502,076	224,750	1,402	-	-	-
North Gonder	566,786	85,272	52,029	18,002	429	-	-	-
South Gonder	347,647	139,136	59,203	11,850	-	-	-	-
North Wolo	216,435	44,793	41,640	30,486	276	-	-	-
South Wolo	349,912	98,226	109,097	69,546	-	-	-	-
North Shewa	318,293	80,530	55,990	60,776	287	-	-	-
East Gojam	400,198	156,381	86,832	16,264	-	-	-	-
West Gojam	365,570	185,705	57,165	7,918	-	-	-	-
Waghamera	72,834	11,298	7,593	4,671	258	-	-	-
Awi	156,676	73,868	28,149	3,369	-	-	-	-
Oromia	77,962	10,583	4,307	1,784	152	-	-	-
Argoba Special	6,791	547	72	84	-	-	-	-
Oromia	3,869,638	1,331,097	492,518	157,282	1,055	217	-	-
West Wellega	223,074	62,546	20,890	1,199	-	-	-	-
East Wellega	126,071	39,503	15,779	2,181	-	-	-	-
Illubabor	182,432	93,978	27,879	1,118	-	-	-	-
Jimma	333,025	220,660	51,480	2,659	-	-	-	-
West Shewa	311,443	86,765	61,696	17,341	-	-	-	-
North Shewa	182,169	81,188	58,209	34,738	292	-	-	-
East Shewa	247,770	37,527	19,661	5,508	-	217	-	-
Arsi	344,435	124,720	72,978	35,306	337	-	-	-
West Harerghe	286,692	54,494	8,411	1,137	-	-	-	-
East Harerghe	364,273	128,647	12,332	2,587	-	-	-	-
Bale	276,069	32,023	14,985	7,669	146	-	-	-
Borena	101,872	38,966	13,818	10,902	280	-	-	-
South West Shewa	247,847	64,255	25,901	6,667	-	-	-	-
Guji	162,853	67,188	23,524	4,896	-	-	-	-
West Arsi	286,452	122,001	35,684	18,982	-	-	-	-
Kelem Wellega	128,394	45,659	16,788	1,875	-	-	-	-
Horoguduru Wellega	64,768	30,977	12,504	2,515	-	-	-	-

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	68,915	21,095	17,872	32,006	4,931	1,100	213	-
Shinele	5,113	3,290	1,973	1,713	111	-	-	-
Jijiga	41,687	7,475	6,635	20,182	4,820	975	213	-
Liben	22,115	10,330	9,264	10,111	-	124	-	-
Benshangul-Gumuz	194,681	16,469	6,134	996	-	-	-	-
Metekel	84,999	8,271	3,695	719	-	-	-	-
Asosa	78,586	4,421	1,105	193	-	-	-	-
Kemeshi	18,994	1,852	723	-	-	-	-	-
Mao Komo	12,102	1,925	611	84	-	-	-	-
SNNP	2,299,370	970,837	166,714	39,503	4,196	287	230	-
Gurage	188,928	84,587	20,618	2,984	-	-	-	-
Hadiya	182,323	93,639	7,350	-	-	-	-	-
Kembata Tembaro	90,827	47,473	2,514	-	-	-	-	-
Sidama	668,693	160,944	14,527	706	-	-	-	-
Gedio	118,148	47,121	7,631	1,594	-	-	-	-
Wolayita	241,955	97,829	1,951	-	-	-	-	-
South Omo	69,156	29,385	16,899	13,753	4,196	287	230	-
Shaka	34,572	11,846	4,622	566	-	-	-	-
Kaffa	89,312	94,874	27,309	4,235	-	-	-	-
Gamo Gofa	271,783	81,906	24,482	10,794	-	-	-	-
Bench Maji	59,720	39,853	7,014	117	-	-	-	-
Yem Sp. Wereda	11,964	8,244	1,636	29	-	-	-	-
Dawro	40,193	33,301	4,474	220	-	-	-	-
Basketo Sp. Wereda	12,103	6,306	931	29	-	-	-	-
Konta Sp. Wereda	21,053	9,725	979	-	-	-	-	-
Silte	90,574	80,613	12,953	1,480	-	-	-	-
Alaba Sp. Wereda	33,359	18,111	1,282	90	-	-	-	-
Segen People	74,705	25,080	9,543	2,907	-	-	-	-
Gambela Region	46,491	3,958	2,051	1,314	63	-	-	-
Angnuwak	18,707	434	69	-	-	-	-	-
Nuware	9,745	1,294	1,697	1,274	63	-	-	-
Mezhenger	14,427	2,170	241	-	-	-	-	-
Itang Special	3,610	61	44	40	-	-	-	-
Harari	20,503	2,513	205	-	-	-	-	-
Hundene	20,503	2,513	205	-	-	-	-	-
Dire Dawa	10,528	10,650	3,754	1,293	-	-	-	-

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	11,450,532	2,431,836	1,015,512	550,934	24,545	4,668	1,466	-
Tigray	693,986	129,704	127,733	114,779	1,390	423	-	-
North West Tigray	118,556	32,774	34,462	49,803	476	-	-	-
Central Tigray	172,151	44,047	53,280	32,555	205	205	-	-
Eastern Tigray	144,507	13,469	12,666	6,939	-	-	-	-
Southern Tigray	198,921	24,690	15,124	12,029	197	218	-	-
Western Tigray	59,851	14,725	12,201	13,453	512	-	-	-
Afar	27,167	12,476	14,376	55,317	6,276	1,173	288	-
Zone 1	17,344	6,587	7,948	36,151	3,516	634	114	-
Zone 3	9,823	5,889	6,429	19,166	2,759	539	173	-
Amhara	3,464,271	615,186	299,299	114,446	524	-	-	-
North Gonder	517,296	93,032	76,804	35,386	-	-	-	-
South Gonder	452,902	77,955	21,627	5,352	-	-	-	-
North Wolo	229,032	64,572	26,912	13,114	-	-	-	-
South Wolo	437,636	132,873	46,794	9,478	-	-	-	-
North Shewa	353,680	103,090	45,997	13,109	-	-	-	-
East Gojam	580,840	45,669	25,004	8,162	-	-	-	-
West Gojam	542,195	46,817	21,320	6,026	-	-	-	-
Waghamera	47,328	17,048	14,458	17,448	372	-	-	-
Awi	234,875	15,464	9,693	2,030	-	-	-	-
Oromia	64,834	16,594	9,521	3,687	152	-	-	-
Argoba Special	3,598	2,073	1,169	654	-	-	-	-
Oromia	4,282,659	1,013,328	402,586	148,815	3,859	560	-	-
West Wellega	270,185	24,905	10,114	2,505	-	-	-	-
East Wellega	150,668	20,803	9,601	2,462	-	-	-	-
Illubabor	242,112	45,350	16,220	1,725	-	-	-	-
Jimma	499,055	88,174	18,659	1,936	-	-	-	-
West Shewa	402,853	40,701	23,094	10,597	-	-	-	-
North Shewa	305,723	28,760	18,263	3,850	-	-	-	-
East Shewa	220,615	47,556	26,728	15,313	471	-	-	-
Arsi	455,548	78,043	29,233	13,271	1,681	-	-	-
West Harerghe	161,353	138,238	42,889	8,254	-	-	-	-
East Harerghe	239,028	206,904	54,044	7,863	-	-	-	-
Bale	193,843	65,851	50,061	21,137	-	-	-	-
Borena	74,968	32,160	26,044	30,398	1,708	560	-	-
South West Shewa	265,003	55,657	19,949	4,061	-	-	-	-
Guji	187,954	33,751	20,561	16,195	-	-	-	-
West Arsi	372,898	66,429	19,335	4,457	-	-	-	-
Kelem Wellega	161,830	22,815	7,050	1,021	-	-	-	-
Horoguduru Wellega	79,020	17,233	10,741	3,770	-	-	-	-

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	41,431	23,667	22,036	54,359	3,866	674	99	-
Shinele	1,791	2,817	2,140	4,461	834	118	39	-
Jijiga	29,804	15,200	10,522	24,333	1,918	210	-	-
Liben	9,837	5,650	9,374	25,564	1,114	346	59	-
Benshangul-Gumuz	142,301	42,287	22,266	11,426	-	-	-	-
Metekel	69,848	14,225	8,791	4,820	-	-	-	-
Asosa	52,426	19,648	7,913	4,318	-	-	-	-
Kemeshi	11,520	4,226	3,716	2,107	-	-	-	-
Mao Komo	8,507	4,188	1,845	182	-	-	-	-
SNNP	2,745,344	569,031	112,569	42,769	8,516	1,829	1,079	-
Gurage	255,625	34,051	6,219	1,222	-	-	-	-
Hadiya	229,658	45,491	7,058	1,105	-	-	-	-
Kembata Tembaro	115,365	23,750	1,699	-	-	-	-	-
Sidama	748,509	87,894	7,219	1,248	-	-	-	-
Gedio	171,093	3,124	277	-	-	-	-	-
Wolayita	282,399	56,638	2,698	-	-	-	-	-
South Omo	71,114	16,399	12,120	23,105	8,260	1,829	1,079	-
Shaka	45,058	5,104	1,252	192	-	-	-	-
Kaffa	130,460	69,415	14,916	939	-	-	-	-
Gamo Gofa	286,973	82,614	17,111	2,267	-	-	-	-
Bench Maji	80,632	21,851	3,409	812	-	-	-	-
Yem Sp. Wereda	13,450	6,116	2,098	209	-	-	-	-
Dawro	57,231	16,540	4,001	416	-	-	-	-
Basketo Sp. Wereda	15,712	2,818	579	260	-	-	-	-
Konta Sp. Wereda	24,013	7,254	439	51	-	-	-	-
Silte	130,459	44,149	9,832	1,180	-	-	-	-
Alaba Sp. Wereda	33,492	14,761	4,119	470	-	-	-	-
Segen People	54,102	31,062	17,521	9,294	256	-	-	-
Gambela Region	41,038	5,986	4,186	2,655	12	-	-	-
Angnuwak	15,083	2,782	1,085	260	-	-	-	-
Nuware	6,795	2,146	2,894	2,226	12	-	-	-
Mezhenger	15,790	960	88	-	-	-	-	-
Itang Special	3,368	98	120	169	-	-	-	-
Harari	8,762	11,175	2,759	525	-	-	-	-
Hundene	8,762	11,175	2,759	525	-	-	-	-
Dire Dawa	3,573	8,995	7,703	5,844	102	8	-	-

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	14,220,602	1,123,514	116,789	18,495	93	10,779,983	4,348,995	322,355	26,824	1,336
Tigray	1,066,528	1,065	422	-	-	602,563	422,715	40,165	2,451	121
North West Tigray	236,071	-	-	-	-	127,423	96,149	12,041	458	-
Central Tigray	302,443	-	-	-	-	177,881	114,496	10,066	-	-
Eastern Tigray	177,138	443	-	-	-	98,832	73,112	5,483	154	-
Southern Tigray	250,742	198	239	-	-	141,286	97,104	11,179	1,610	-
Western Tigray	100,134	425	183	-	-	57,144	41,852	1,395	230	121
Afar	116,978	95	-	-	-	85,118	23,517	7,126	1,251	61
Zone 1	72,199	95	-	-	-	54,197	14,082	3,372	643	-
Zone 3	44,778	-	-	-	-	30,919	9,436	3,753	609	61
Amhara	4,199,498	274,648	19,185	395	-	2,799,515	1,588,435	101,109	4,667	-
North Gonder	706,410	14,356	1,752	-	-	460,201	246,083	15,334	900	-
South Gonder	539,313	18,523	-	-	-	369,322	179,581	8,555	378	-
North Wolo	308,330	24,101	1,199	-	-	193,933	132,432	6,529	736	-
South Wolo	559,503	66,088	795	395	-	345,831	266,660	13,888	402	-
North Shewa	485,313	29,643	920	-	-	260,432	237,658	17,659	127	-
East Gojam	586,803	68,113	4,759	-	-	423,557	214,056	21,076	986	-
West Gojam	594,629	18,539	3,190	-	-	420,818	184,797	9,938	805	-
Waghamera	96,556	98	-	-	-	50,077	42,266	4,086	225	-
Awi	220,598	34,894	6,570	-	-	207,205	51,697	3,160	-	-
Oromia	94,497	291	-	-	-	63,214	30,630	835	109	-
Argoba Special	7,494	-	-	-	-	4,871	2,575	48	-	-
Oromia	5,186,090	562,136	85,519	17,969	93	3,942,927	1,742,589	149,574	16,193	524
West Wellega	305,729	1,782	198	-	-	236,009	63,411	7,322	967	-
East Wellega	181,738	1,438	358	-	-	129,908	47,013	6,239	374	-
Illubabor	274,776	26,081	3,789	761	-	276,871	27,983	553	-	-
Jimma	545,021	55,875	5,952	976	-	546,284	60,827	713	-	-
West Shewa	396,606	68,961	9,322	2,356	-	340,544	124,629	12,072	-	-
North Shewa	294,465	56,609	5,262	260	-	200,487	140,832	13,965	1,312	-
East Shewa	300,772	9,911	-	-	-	145,996	138,378	21,772	4,111	426
Arsi	445,079	114,230	16,506	1,961	-	310,167	245,484	19,590	2,535	-
West Harerghe	350,734	-	-	-	-	176,744	169,100	4,637	253	-
East Harerghe	507,494	345	-	-	-	303,371	196,054	8,414	-	-
Bale	289,905	31,791	6,945	2,251	-	180,301	134,396	14,905	1,290	-
Borena	164,998	840	-	-	-	121,238	38,499	4,882	1,219	-
South West Shewa	296,468	47,688	514	-	-	208,553	125,534	9,207	1,376	-
Guji	192,223	49,385	13,655	3,198	-	209,243	44,097	4,674	447	-
West Arsi	361,432	77,376	19,212	5,099	-	325,374	122,329	13,805	1,611	-
Kelem Wellega	185,367	6,920	429	-	-	159,448	32,073	1,195	-	-
Horoguduru Wellega	93,279	12,906	3,378	1,108	93	72,392	31,949	5,628	697	98

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	146,074	58	-	-	-	62,981	73,036	9,364	692	59
Shinele	12,200	-	-	-	-	6,482	4,893	738	87	-
Jijiga	81,987	-	-	-	-	34,604	42,491	4,796	96	-
Liben	51,886	58	-	-	-	21,894	25,652	3,830	509	59
Benshangul-Gumuz	217,457	674	149	-	-	172,419	42,953	2,490	418	-
Metekel	96,861	674	149	-	-	75,845	20,463	996	380	-
Asosa	84,305	-	-	-	-	66,511	16,683	1,111	-	-
Kemeshi	21,569	-	-	-	-	17,168	4,070	293	38	-
Mao Komo	14,722	-	-	-	-	12,895	1,737	90	-	-
SNNP	3,185,107	284,386	11,513	131	-	3,032,146	435,552	11,749	1,120	570
Gurage	244,460	51,842	815	-	-	231,071	63,949	2,097	-	-
Hadiya	257,683	25,629	-	-	-	207,542	74,044	1,726	-	-
Kembata Tembaro	132,620	8,194	-	-	-	116,723	23,931	160	-	-
Sidama	791,627	50,694	2,549	-	-	799,386	44,441	1,043	-	-
Gedio	159,408	14,389	697	-	-	170,842	3,652	-	-	-
Wolayita	341,481	254	-	-	-	306,174	35,561	-	-	-
South Omo	125,132	8,147	627	-	-	124,111	6,326	2,158	741	570
Shaka	46,022	4,844	609	131	-	48,870	2,736	-	-	-
Kaffa	164,518	46,545	4,667	-	-	214,432	1,298	-	-	-
Gamo Gofa	360,072	28,119	774	-	-	348,095	40,516	354	-	-
Bench Maji	100,429	6,088	187	-	-	105,379	1,325	-	-	-
Yem Sp. Wereda	21,136	707	30	-	-	18,987	2,785	101	-	-
Dawro	73,571	4,617	-	-	-	76,439	1,749	-	-	-
Basketo Sp. Wereda	19,027	342	-	-	-	18,554	786	29	-	-
Konta Sp. Wereda	29,728	2,029	-	-	-	31,350	356	-	51	-
Silte	157,374	28,042	204	-	-	106,835	77,228	1,387	170	-
Alaba Sp. Wereda	50,093	2,575	174	-	-	24,178	27,642	1,022	-	-
Segen People	110,729	1,327	179	-	-	83,177	27,227	1,673	158	-
Gambela Region	53,425	452	-	-	-	53,456	421	-	-	-
Angnuwak	19,210	-	-	-	-	18,838	372	-	-	-
Nuware	14,073	-	-	-	-	14,073	-	-	-	-
Mezhenger	16,386	452	-	-	-	16,789	49	-	-	-
Itang Special	3,755	-	-	-	-	3,755	-	-	-	-
Harari	23,221	-	-	-	-	13,924	9,056	217	24	-
Hundene	23,221	-	-	-	-	13,924	9,056	217	24	-
Dire Dawa	26,225	-	-	-	-	14,934	10,721	562	8	-

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	15,156,135	320,618	2,219	521	-	14,867,786	119,655	32,978	29,950	25,110
Tigray	1,063,462	4,553	-	-	-	1,037,687	25,184	2,864	2,280	-
North West Tigray	235,514	557	-	-	-	222,549	13,304	218	-	-
Central Tigray	301,619	824	-	-	-	299,468	2,713	262	-	-
Eastern Tigray	176,864	717	-	-	-	177,581	-	-	-	-
Southern Tigray	249,472	1,707	-	-	-	242,978	3,949	1,972	2,280	-
Western Tigray	99,994	748	-	-	-	95,112	5,219	411	-	-
Afar	115,608	1,432	33	-	-	78,747	17,974	5,376	6,820	8,156
Zone 1	72,261	-	33	-	-	47,495	15,012	3,558	2,870	3,359
Zone 3	43,346	1,432	-	-	-	31,251	2,962	1,818	3,950	4,797
Amhara	4,368,729	124,445	228	324	-	4,455,900	32,230	5,209	235	152
North Gonder	713,256	9,262	-	-	-	720,374	2,144	-	-	-
South Gonder	542,171	15,665	-	-	-	557,836	-	-	-	-
North Wolo	321,942	11,460	228	-	-	324,900	8,730	-	-	-
South Wolo	600,487	25,970	-	324	-	618,095	7,301	1,385	-	-
North Shewa	502,964	12,912	-	-	-	505,858	6,740	3,278	-	-
East Gojam	646,664	13,011	-	-	-	659,256	419	-	-	-
West Gojam	594,629	21,729	-	-	-	616,358	-	-	-	-
Waghamera	93,712	2,942	-	-	-	96,654	-	-	-	-
Awi	250,569	11,493	-	-	-	262,062	-	-	-	-
Oromia	94,788	-	-	-	-	87,396	6,529	484	227	152
Argoba Special	7,494	-	-	-	-	7,056	367	62	9	-
Oromia	5,713,070	136,913	1,626	198	-	5,793,472	26,103	13,109	12,392	6,731
West Wellega	303,754	3,955	-	-	-	307,709	-	-	-	-
East Wellega	178,983	4,551	-	-	-	183,534	-	-	-	-
Illubabor	290,411	14,798	-	198	-	305,407	-	-	-	-
Jimma	591,034	16,790	-	-	-	607,824	-	-	-	-
West Shewa	469,579	7,376	290	-	-	477,245	-	-	-	-
North Shewa	353,165	3,431	-	-	-	356,596	-	-	-	-
East Shewa	304,111	6,572	-	-	-	308,459	1,097	780	347	-
Arsi	553,992	23,481	303	-	-	570,493	560	1,681	2,241	2,801
West Harerghe	347,186	3,274	274	-	-	341,824	5,056	2,183	1,048	623
East Harerghe	506,206	1,633	-	-	-	497,701	3,696	4,066	1,704	672
Bale	310,181	20,126	585	-	-	322,880	5,219	1,213	1,432	148
Borena	163,672	2,166	-	-	-	149,921	8,351	3,014	3,060	1,492
South West Shewa	337,790	6,880	-	-	-	344,670	-	-	-	-
Guji	247,811	10,476	174	-	-	252,609	2,123	173	2,560	996
West Arsi	459,852	3,267	-	-	-	463,119	-	-	-	-
Kelem Wellega	188,219	4,497	-	-	-	192,716	-	-	-	-
Horoguduru Wellega	107,123	3,641	-	-	-	110,764	-	-	-	-

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	145,957	175	-	-	-	106,710	15,628	5,726	8,045	10,023
Shinele	12,200	-	-	-	-	9,182	1,590	681	458	289
Jijiga	81,987	-	-	-	-	63,163	9,954	2,308	3,458	3,104
Liben	51,769	175	-	-	-	34,365	4,083	2,737	4,129	6,630
Benshangul-Gumuz	216,069	2,119	92	-	-	218,280	-	-	-	-
Metekel	95,629	1,963	92	-	-	97,684	-	-	-	-
Asosa	84,214	91	-	-	-	84,305	-	-	-	-
Kemeshi	21,503	66	-	-	-	21,569	-	-	-	-
Mao Komo	14,722	-	-	-	-	14,722	-	-	-	-
SNNP	3,430,025	50,872	240	-	-	3,481,137	-	-	-	-
Gurage	293,503	3,614	-	-	-	297,117	-	-	-	-
Hadiya	277,993	5,319	-	-	-	283,312	-	-	-	-
Kembata Tembaro	138,881	1,933	-	-	-	140,814	-	-	-	-
Sidama	843,681	1,189	-	-	-	844,870	-	-	-	-
Gedio	170,318	4,176	-	-	-	174,494	-	-	-	-
Wolayita	340,071	1,664	-	-	-	341,735	-	-	-	-
South Omo	130,108	3,558	240	-	-	133,906	-	-	-	-
Shaka	50,582	1,024	-	-	-	51,606	-	-	-	-
Kaffa	207,124	8,606	-	-	-	215,730	-	-	-	-
Gamo Gofa	380,578	8,387	-	-	-	388,965	-	-	-	-
Bench Maji	105,270	1,434	-	-	-	106,704	-	-	-	-
Yem Sp. Wereda	21,815	58	-	-	-	21,873	-	-	-	-
Dawro	72,968	5,220	-	-	-	78,188	-	-	-	-
Basketo Sp. Wereda	18,825	544	-	-	-	19,369	-	-	-	-
Konta Sp. Wereda	31,311	446	-	-	-	31,757	-	-	-	-
Silte	183,181	2,439	-	-	-	185,620	-	-	-	-
Alaba Sp. Wereda	52,391	451	-	-	-	52,842	-	-	-	-
Segen People	111,426	809	-	-	-	112,235	-	-	-	-
Gambela Region	53,799	78	-	-	-	53,877	-	-	-	-
Angnuwak	19,210	-	-	-	-	19,210	-	-	-	-
Nuware	14,073	-	-	-	-	14,073	-	-	-	-
Mezhenger	16,760	78	-	-	-	16,838	-	-	-	-
Itang Special	3,755	-	-	-	-	3,755	-	-	-	-
Harari	23,191	30	-	-	-	22,727	311	97	55	31
Hundene	23,191	30	-	-	-	22,727	311	97	55	31
Dire Dawa	26,225	-	-	-	-	23,262	2,226	597	123	17

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	6,688,892	7,187,871	1,600,911	1,819	-	-
Tigray						
North West Tigray	277,557	611,473	178,262	723	-	-
Central Tigray	50,741	123,038	62,072	220	-	-
Eastern Tigray	74,920	186,870	40,653	-	-	-
Southern Tigray	41,137	115,232	21,212	-	-	-
Western Tigray	82,720	140,365	28,094	-	-	-
	28,039	45,968	26,231	504	-	-
Afar						
Zone 1	109,654	6,058	1,361	-	-	-
Zone 3	71,947	247	100	-	-	-
	37,705	5,812	1,261	-	-	-
Amhara						
North Gonder	1,622,609	2,435,143	435,974	-	-	-
South Gonder	206,417	378,441	137,660	-	-	-
North Wolo	181,850	332,282	43,704	-	-	-
South Wolo	89,779	220,575	23,276	-	-	-
North Shewa	181,578	413,305	31,898	-	-	-
East Gojam	160,657	313,923	41,296	-	-	-
West Gojam	405,832	222,827	31,016	-	-	-
Waghamera	221,792	318,461	76,105	-	-	-
Awi	29,729	52,628	14,297	-	-	-
Oromia	95,956	137,675	28,431	-	-	-
Argoba Special	47,159	40,538	7,091	-	-	-
	1,807	4,488	1,199	-	-	-
Oromia						
West Wellega	2,688,657	2,555,532	607,238	380	-	-
East Wellega	110,704	140,225	56,780	-	-	-
Illubabor	74,708	78,569	30,143	114	-	-
Jimma	125,425	142,701	37,281	-	-	-
West Shewa	310,396	253,858	43,570	-	-	-
North Shewa	218,849	210,463	47,933	-	-	-
East Shewa	163,294	173,956	19,346	-	-	-
Arsi	137,062	127,781	45,840	-	-	-
West Harerghe	216,765	293,206	67,805	-	-	-
East Harerghe	149,021	165,372	36,341	-	-	-
Bale	230,185	240,406	37,248	-	-	-
Borena	203,743	98,020	29,129	-	-	-
South West Shewa	83,431	61,605	20,802	-	-	-
Guji	140,209	171,385	33,076	-	-	-
West Arsi	136,214	90,080	31,968	199	-	-
Kelem Wellega	267,684	165,084	30,351	-	-	-
Horoguduru Wellega	79,967	91,246	21,435	68	-	-

TABLE 3-27 – f CONT'D

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Somale	119,923	21,366	4,773	70	-	-
Shinele	11,151	921	128	-	-	-
Jijiga	79,052	2,815	120	-	-	-
Liben	29,719	17,630	4,525	70	-	-
Benshangul-Gumuz	67,098	95,501	55,513	168	-	-
Metekel	29,149	46,407	21,991	137	-	-
Asosa	25,407	34,769	24,129	-	-	-
Kemeshi	7,494	7,707	6,337	31	-	-
Mao Komo	5,047	6,619	3,056	-	-	-
SNNP	1,755,530	1,422,122	303,228	257	-	-
Gurage	140,523	139,686	16,908	-	-	-
Hadiya	117,026	137,430	28,856	-	-	-
Kembata Tembaro	63,350	66,985	10,479	-	-	-
Sidama	529,769	268,828	46,273	-	-	-
Gedio	110,247	60,171	4,076	-	-	-
Wolayita	186,240	131,288	24,207	-	-	-
South Omo	57,486	50,072	26,091	257	-	-
Shaka	22,442	24,764	4,400	-	-	-
Kaffa	70,758	115,336	29,636	-	-	-
Gamo Gofa	212,201	138,211	38,553	-	-	-
Bench Maji	42,318	49,212	15,174	-	-	-
Yem Sp. Wereda	10,069	10,705	1,099	-	-	-
Dawro	41,757	29,276	7,155	-	-	-
Basketo Sp. Wereda	9,667	7,880	1,822	-	-	-
Konta Sp. Wereda	15,384	12,833	3,540	-	-	-
Silte	58,607	105,622	21,391	-	-	-
Alaba Sp. Wereda	19,732	25,199	7,911	-	-	-
Segen People	47,953	48,625	15,657	-	-	-
Gambela Region	25,905	15,851	11,902	219	-	-
Angnuwak	9,299	5,669	4,242	-	-	-
Nuware	6,024	3,508	4,374	167	-	-
Mezhenger	8,856	6,124	1,858	-	-	-
Itang Special	1,724	550	1,428	53	-	-
Harari	13,297	8,962	962	-	-	-
Hundene	13,297	8,962	962	-	-	-
Dire Dawa	8,664	15,862	1,699	-	-	-

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	57.49	29.61	0.22	7.05	0.91	4.72
Tigray	100	35.79	40.71	0.63	16.47	1.55	4.86
North West Tigray	100	40.83	27.42	1.55	19.66	2.32	8.21
Central Tigray	100	27.98	50.85	0.51	17.12	0.56	2.97
Eastern Tigray	100	28.93	48.91	0.43	16.6	2.78	2.34
Southern Tigray	100	37.65	44.86	0.16	11.74	0.85	4.74
Western Tigray	100	52.37	21.17	0.18	17.77	2.01	6.51
Afar	100	82.82	7.28	0.04	3.33	2.62	3.91
Zone 1	100	86.98	7.72	-	0.92	2.12	2.26
Zone 3	100	76.13	6.58	0.1	7.2	3.43	6.56
Amhara	100	40.46	38.72	0.1	15.04	0.72	4.96
North Gonder	100	40.39	36.52	0.3	19.95	1.28	1.56
South Gonder	100	33.29	46.13	0.17	18.24	1.78	0.38
North Wolo	100	35.92	42.48	0.09	15.27	0.34	5.91
South Wolo	100	32.5	39.5	0.04	21.79	0.34	5.84
North Shewa	100	39.65	36.65	*	17.34	0.85	5.51
East Gojam	100	44.59	42.95	0.08	5.41	0.15	6.82
West Gojam	100	44.58	36.83	0.03	9.58	0.53	8.44
Waghamera	100	45.42	33.63	0.21	16.13	0.02	4.58
Awi	100	60.02	23.92	0.01	10	0.19	5.86
Oromia	100	44.88	32.33	0.07	14.65	0.71	7.36
Argoba Special	100	41.21	33.12	0.14	15.58	*	9.94
Oromia	100	65.27	25.99	0.18	2.63	0.91	5.02
West Wellega	100	85.49	10.95	0.09	0.17	0.12	3.18
East Wellega	100	83.88	11.94	0.04	0.29	0.08	3.77
Illubabor	100	86.66	9.74	0.08	0.16	0.68	2.68
Jimma	100	89.62	8.55	*	0.05	0.05	1.73
West Shewa	100	69.51	21.84	0.13	3.62	0.18	4.72
North Shewa	100	48.36	28.64	0.08	18.2	0.8	3.92
East Shewa	100	41.47	49.65	0.03	1.22	3.39	4.25
Arsi	100	51.86	38.55	0.08	1.83	1.75	5.92
West Harerghe	100	37.13	40.34	0.2	2.92	1.01	18.39
East Harerghe	100	33.6	52.73	1.05	2.93	1.36	8.33
Bale	100	76.24	20.66	0.02	0.61	1.4	1.06
Borena	100	82.66	13.16	0.02	0.43	0.13	3.61
South West Shewa	100	61.81	28.91	0.54	3.33	1.06	4.36
Guji	100	78.44	14.82	-	0.45	0.07	6.22
West Arsi	100	72.44	22.15	0.01	1.96	1.25	2.2
Kelem Wellega	100	83.67	11.49	0.11	0.47	0.41	3.86
Horoguduru Wellega	100	76.44	17.53	0.03	2.11	0.13	3.76

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	75.81	22.29	0.09	0.57	0.48	0.76
Shinele	100	87.08	7.74	0.12	0.07	4.21	0.78
Jijiga	100	68.34	30.51	-	0.6	0.2	0.35
Liben	100	85.48	12.18	0.24	0.64	0.03	1.44
Benshangul-Gumuz	100	81.49	8.3	0.05	2.19	0.42	7.56
Metekel	100	79.56	10.72	0.05	3.68	0.3	5.68
Asosa	100	79.33	6.86	0.04	1.12	0.25	12.4
Kemeshi	100	94.12	3.72	0.04	0.07	1.19	0.85
Mao Komo	100	89.94	5.32	0.09	0.34	1.17	3.13
SNNP	100	69.8	22.99	0.29	2.07	0.87	3.99
Gurage	100	60.21	29.68	0.3	6.57	1.36	1.87
Hadiya	100	57.86	30.61	0.71	2.4	0.56	7.85
Kembata Tembaro	100	49.6	32.69	2.56	2.81	3.06	9.28
Sidama	100	71.24	22.89	0.22	0.38	0.9	4.38
Gedio	100	78.9	18.3	0.04	0.06	0.72	2
Wolayita	100	68.4	18.33	0.14	3.81	2.25	7.06
South Omo	100	80.81	16	0.1	0.18	0.05	2.86
Shaka	100	97.02	2.16	-	0.03	0.33	0.46
Kaffa	100	96.68	2.28	-	0.04	0.45	0.54
Gamo Gofa	100	71.28	25.56	-	1.66	0.01	1.49
Bench Maji	100	92.15	5.35	0.04	0.04	1.01	1.42
Yem Sp. Wereda	100	69.92	21.33	0.14	6.04	0.06	2.5
Dawro	100	77.87	16.4	0.03	1.73	0.11	3.86
Basketo Sp. Wereda	100	72.75	23.71	0.07	0.87	0.26	2.33
Konta Sp. Wereda	100	81.29	14.81	-	0.58	0.06	3.27
Silte	100	48.6	42.67	0.21	4.11	0.27	4.15
Alaba Sp. Wereda	100	51.83	39.43	0.18	6.41	0.33	1.82
Segen People	100	69.81	24.39	0.01	0.85	0.14	4.8
Gambela Region	100	95.89	2.45	0.04	0.06	0.3	1.25
Angnuwak	100	97.61	1.93	0.17	-	0.1	0.2
Nuware	100	99.99	0.01	-	-	-	-
Mezhenger	100	89.24	6.06	-	0.18	0.85	3.67
Itang Special	100	100	-	-	-	-	-
Harari	100	31.08	49.26	4.47	0.15	11.74	3.3
Hundene	100	31.08	49.26	4.47	0.15	11.74	3.3
Dire Dawa	100	67.44	24.29	0.48	0.18	5	2.59

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	13,338,215	11,466,761	189,526	4,350,585	1,037,810	4,602,058
Tigray	866,127	851,416	30,005	712,182	133,343	177,314
North West Tigray	197,750	192,454	18,361	193,905	56,100	54,028
Central Tigray	230,136	238,341	4,274	191,961	8,383	31,384
Eastern Tigray	140,948	142,551	3,349	115,205	27,581	17,741
Southern Tigray	207,101	196,495	3,018	137,415	23,116	42,347
Western Tigray	90,193	81,576	1,004	73,696	18,162	31,815
Afar	111,767	40,465	168	10,296	8,771	12,807
Zone 1	70,506	31,705	-	2,091	4,695	8,621
Zone 3	41,261	8,760	168	8,206	4,076	4,187
Amhara	3,889,496	3,700,133	21,454	2,497,659	257,576	1,570,179
North Gonder	617,026	562,182	8,580	484,410	66,916	59,428
South Gonder	492,165	486,213	2,861	368,368	77,271	18,030
North Wolo	285,072	284,049	1,376	184,161	6,072	28,255
South Wolo	544,731	533,314	1,771	438,903	12,103	205,717
North Shewa	432,067	401,929	266	310,739	36,005	272,686
East Gojam	574,572	551,064	4,464	180,602	16,331	433,610
West Gojam	542,106	522,350	1,193	279,891	36,222	397,296
Waghamera	86,109	81,894	548	67,798	147	4,930
Awi	233,611	201,945	267	132,685	3,340	119,903
Oromia	75,875	70,222	115	46,992	3,157	29,014
Argoba Special	6,162	4,970	12	3,111	12	1,309
Oromia	4,998,380	4,081,327	58,104	729,784	370,977	1,752,027
West Wellega	239,968	136,275	1,950	2,336	2,273	63,056
East Wellega	159,564	104,199	646	3,356	1,195	57,104
Illubabor	260,745	147,690	1,377	3,363	8,798	65,485
Jimma	551,230	315,039	302	3,373	699	116,774
West Shewa	403,170	340,080	4,321	103,545	7,646	198,861
North Shewa	324,128	296,956	2,109	267,392	30,694	161,421
East Shewa	247,774	246,341	663	22,357	77,789	82,922
Arsi	521,532	489,613	3,267	58,654	81,478	208,523
West Harerghe	280,725	288,892	4,366	49,275	22,204	225,363
East Harerghe	387,208	466,466	24,690	64,749	35,604	209,931
Bale	288,750	242,958	413	11,258	30,197	21,195
Borena	143,062	77,228	294	4,954	992	39,942
South West Shewa	300,156	270,939	12,061	62,544	22,383	112,793
Guji	230,770	153,722	-	6,601	393	68,192
West Arsi	404,610	340,964	308	50,191	42,189	44,432
Kelem Wellega	154,644	84,781	1,145	4,344	5,339	42,881
Horoguduru Wellega	100,345	79,184	191	11,494	1,105	33,152

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	140,066	100,820	982	4,763	3,952	6,194
Shinele	11,835	5,211	52	191	3,368	646
Jijiga	79,742	72,774	-	3,335	502	462
Liben	48,488	22,835	930	1,237	82	5,086
Benshangul-Gumuz	165,453	76,824	873	24,796	3,303	46,024
Metekel	79,977	44,978	313	20,239	971	21,662
Asosa	58,364	24,935	460	4,173	649	20,757
Kemeshi	16,207	3,488	36	159	792	1,260
Mao Komo	10,905	3,423	64	225	891	2,345
SNNP	3,092,482	2,569,115	72,225	370,509	240,665	1,023,617
Gurage	278,511	263,635	4,938	95,652	30,657	62,423
Hadiya	267,839	258,933	17,305	39,012	14,091	129,406
Kembata Tembaro	135,552	130,557	25,471	25,345	33,830	88,774
Sidama	694,862	601,563	12,740	14,232	47,628	202,991
Gedio	107,423	71,398	401	201	5,687	30,060
Wolayita	317,997	307,616	6,055	77,728	69,033	233,643
South Omo	118,589	76,435	496	1,668	511	19,997
Shaka	41,559	6,016	-	272	2,921	3,617
Kaffa	208,933	47,701	-	746	16,486	23,433
Gamo Gofa	361,690	340,153	-	30,694	281	48,179
Bench Maji	95,706	45,312	297	190	10,572	19,369
Yem Sp. Wereda	20,052	17,859	235	8,184	79	5,785
Dawro	74,346	64,601	152	8,315	1,691	40,742
Basketo Sp. Wereda	16,858	14,790	139	710	404	3,196
Konta Sp. Wereda	29,703	21,515	-	1,188	208	10,704
Silte	173,804	172,168	2,850	44,157	4,996	55,536
Alaba Sp. Wereda	49,391	47,981	1,010	17,389	1,362	7,901
Segen People	99,666	80,882	138	4,827	230	37,862
Gambela Region	32,625	3,026	67	230	723	2,351
Angnuwak	7,835	928	67	-	30	151
Nuware	13,412	11	-	-	-	-
Mezhenger	10,697	2,086	-	230	693	2,200
Itang Special	680	-	-	-	-	-
Harari	17,315	21,441	4,993	139	9,842	6,879
Hundene	17,315	21,441	4,993	139	9,842	6,879
Dire Dawa	24,503	22,193	656	225	8,658	4,666

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

1. Green Fodder

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	5,345,021	225,993	3,597,833	3,898,963	270,405
Tigray	210,892	1,831	410,054	240,313	3,038
North West Tigray	14,492	458	121,021	61,440	339
Central Tigray	92,603	699	81,828	53,609	1,397
Eastern Tigray	64,232	189	46,066	30,098	362
Southern Tigray	31,749	183	103,907	70,829	433
Western Tigray	7,817	302	57,230	24,337	507
Afar	4,260	610	100,284	2,522	4,091
Zone 1	1,107	79	67,168	2,056	95
Zone 3	3,153	530	33,117	466	3,996
Amhara	951,240	47,823	1,457,684	1,377,780	54,969
North Gonder	82,449	1,496	353,752	176,775	2,554
South Gonder	75,149	5,053	249,623	161,990	350
North Wolo	127,418	7,667	54,696	91,348	3,943
South Wolo	298,546	15,109	90,773	135,171	5,132
North Shewa	188,031	8,850	70,241	138,675	26,270
East Gojam	56,443	3,230	268,714	239,609	6,576
West Gojam	77,441	2,862	188,260	268,030	5,514
Waghamera	1,547	-	73,705	10,076	781
Awi	13,061	1,560	87,267	128,329	3,394
Oromia	27,777	1,794	20,386	25,474	445
Argoba Special	3,380	201	269	2,301	11
Oromia	2,223,953	145,337	1,079,679	1,397,731	151,680
West Wellega	52,090	445	112,507	73,093	1,832
East Wellega	37,044	4,024	41,981	71,559	4,956
Illubabor	108,391	2,596	66,192	73,705	9,861
Jimma	289,819	6,687	96,641	133,319	24,764
West Shewa	201,827	29,291	35,362	113,384	23,306
North Shewa	160,278	37,298	20,671	85,873	20,008
East Shewa	93,758	11,547	64,571	67,411	10,487
Arsi	311,861	25,901	57,200	105,887	20,683
West Harerghe	164,381	2,886	65,867	45,666	1,925
East Harerghe	176,707	878	141,107	68,142	374
Bale	61,154	3,387	91,727	128,615	3,868
Borena	25,595	772	70,111	46,026	558
South West Shewa	163,465	7,126	23,706	86,499	19,359
Guji	107,537	456	34,258	87,419	1,099
West Arsi	242,827	11,110	26,206	119,081	5,387
Kelem Wellega	16,981	495	96,143	39,610	1,416
Horoguduru Wellega	10,236	440	35,429	52,443	1,797

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	11,960	470	86,662	40,488	487
Shinele	152	-	11,138	546	-
Jijiga	9,491	356	36,719	33,051	126
Liben	2,318	114	38,805	6,891	361
Benshangul-Gumuz	7,895	455	146,265	10,497	340
Metekel	4,960	433	70,596	3,790	197
Asosa	1,060	-	53,294	3,905	105
Kemeshi	913	-	12,912	2,345	38
Mao Komo	962	23	9,463	457	-
SNNP	1,916,786	29,333	275,724	817,328	53,311
Gurage	140,693	395	36,791	100,358	274
Hadiya	180,645	296	5,559	78,288	3,050
Kembata Tembaro	70,387	664	5,731	57,584	1,186
Sidama	502,303	3,915	23,595	162,273	2,775
Gedio	81,318	1,684	7,340	15,334	1,747
Wolayita	147,439	12,328	5,467	140,525	12,238
South Omo	42,008	955	61,692	12,645	1,289
Shaka	30,891	164	5,771	2,593	2,141
Kaffa	175,035	1,779	6,438	9,135	16,545
Gamo Gofa	166,405	4,543	61,754	124,166	4,822
Bench Maji	69,958	-	14,138	9,426	2,185
Yem Sp. Wereda	8,730	371	1,919	7,811	1,222
Dawro	52,907	1,045	922	16,434	3,039
Basketo Sp. Wereda	9,946	230	2,238	4,362	83
Konta Sp. Wereda	18,262	-	377	10,646	418
Silte	152,149	622	392	20,641	-
Alaba Sp. Wereda	36,929	-	637	11,825	-
Segen People	30,782	341	34,963	33,282	298
Gambela Region	7,259	103	21,805	1,118	2,340
Angnuwak	862	45	6,904	24	-
Nuware	124	30	13,234	24	-
Mezhenger	6,273	28	1,001	1,055	2,340
Itang Special	-	-	665	15	-
Harari	8,272	-	4,834	4,166	43
Hundene	8,272	-	4,834	4,166	43
Dire Dawa	2,503	32	14,841	7,020	107

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	10,066,333	180,477	98,542	956,843	164,566
Tigray	673,297	25,503	6,788	140,245	5,582
North West Tigray	162,030	5,896	3,171	21,357	-
Central Tigray	170,890	4,761	1,459	60,198	1,033
Eastern Tigray	107,807	5,581	376	26,226	2,561
Southern Tigray	159,277	5,021	1,389	29,493	1,314
Western Tigray	73,294	4,243	394	2,971	675
Afar	35,847	1,336	1,296	1,986	-
Zone 1	27,962	740	1,240	1,762	-
Zone 3	7,885	596	56	223	-
Amhara	3,126,167	62,857	14,844	432,857	63,408
North Gonder	493,690	6,238	2,666	45,839	13,749
South Gonder	403,383	6,831	2,300	72,481	1,217
North Wolo	227,789	4,143	434	50,039	1,644
South Wolo	419,146	6,887	1,507	99,557	6,218
North Shewa	337,225	6,063	2,119	41,295	15,226
East Gojam	483,916	7,986	2,884	46,850	9,426
West Gojam	452,020	13,618	2,483	43,456	10,772
Waghamera	66,114	539	84	15,000	158
Awi	176,370	9,060	-	11,632	4,883
Oromia	62,590	1,315	368	5,835	114
Argoba Special	3,924	176	-	870	-
Oromia	3,686,657	51,126	53,178	226,184	64,182
West Wellega	130,018	2,233	2,158	1,125	741
East Wellega	87,455	3,606	3,456	7,885	1,797
Illubabor	129,589	2,318	3,835	9,988	1,960
Jimma	304,419	1,064	2,934	2,386	4,235
West Shewa	298,533	6,867	2,905	20,464	11,312
North Shewa	236,877	8,408	5,486	36,812	9,373
East Shewa	223,321	3,470	1,829	10,114	7,607
Arsi	437,055	6,692	2,547	34,381	8,938
West Harerghe	275,448	706	662	11,047	1,028
East Harerghe	449,959	703	1,712	8,494	5,598
Bale	222,186	1,970	3,731	12,529	2,543
Borena	69,930	675	2,699	3,388	536
South West Shewa	245,551	5,797	2,862	12,044	4,684
Guji	138,864	1,449	2,762	10,647	-
West Arsi	302,812	2,207	8,161	25,701	2,083
Kelem Wellega	68,797	877	2,457	12,174	477
Horoguduru Wellega	65,844	2,082	2,983	7,005	1,270

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	86,648	6,979	1,448	5,186	559
Shinele	4,823	99	-	33	256
Jijiga	65,408	1,077	1,187	4,881	221
Liben	16,417	5,803	261	272	82
Benshangul-Gumuz	66,316	1,737	4,595	3,567	608
Metekel	36,814	1,447	3,054	3,329	335
Asosa	23,179	192	1,381	184	-
Kemeshi	3,293	76	119	-	-
Mao Komo	3,030	23	42	55	273
SNNP	2,348,472	30,094	15,728	145,673	29,147
Gurage	256,162	2,706	-	3,635	1,132
Hadiya	247,379	264	1,071	8,669	1,550
Kembata Tembaro	118,212	2,526	283	8,950	586
Sidama	517,372	10,282	5,147	68,128	633
Gedio	66,227	1,763	1,245	1,638	524
Wolayita	259,101	5,301	1,687	28,290	13,238
South Omo	71,866	1,836	1,742	572	420
Shaka	5,848	168	-	-	-
Kaffa	45,900	365	-	202	1,234
Gamo Gofa	324,432	1,851	2,044	7,112	4,714
Bench Maji	42,657	93	82	1,033	1,447
Yem Sp. Wereda	15,344	242	156	1,524	592
Dawro	56,109	1,552	364	4,203	2,374
Basketo Sp. Wereda	14,373	83	127	177	29
Konta Sp. Wereda	20,038	177	-	1,061	239
Silte	167,911	596	394	3,266	-
Alaba Sp. Wereda	45,416	-	259	2,307	-
Segen People	74,126	289	1,126	4,906	435
Gambela Region	2,444	359	144	52	26
Angnuwak	883	45	-	-	-
Nuware	11	-	-	-	-
Mezhenger	1,550	314	144	52	26
Itang Special	-	-	-	-	-
	19,982	141	309	872	137
Harari	19,982	141	309	872	137
Hundene					
Dire Dawa	20,500	344	210	222	917

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	145,805	15,222	14,278	11,106	3,115
Tigray	15,165	1,835	8,720	3,866	418
North West Tigray	6,544	836	7,566	3,415	-
Central Tigray	3,380	-	221	451	221
Eastern Tigray	1,652	566	933	-	197
Southern Tigray	2,741	277	-	-	-
Western Tigray	848	156	-	-	-
Afar	56	-	56	56	-
Zone 1	-	-	-	-	-
Zone 3	56	-	56	56	-
Amhara	14,560	2,686	3,330	877	-
North Gonder	4,793	457	3,330	-	-
South Gonder	1,985	-	-	877	-
North Wolo	1,376	-	-	-	-
South Wolo	967	804	-	-	-
North Shewa	266	-	-	-	-
East Gojam	3,038	1,426	-	-	-
West Gojam	1,193	-	-	-	-
Waghamera	548	-	-	-	-
Awi	267	-	-	-	-
Oromia	115	-	-	-	-
Argoba Special	12	-	-	-	-
Oromia	44,348	7,396	703	3,799	1,858
West Wellega	1,642	308	-	-	-
East Wellega	646	-	-	-	-
Illubabor	1,181	196	-	-	-
Jimma	302	-	-	-	-
West Shewa	2,535	739	262	-	785
North Shewa	270	999	-	840	-
East Shewa	663	-	-	-	-
Arsi	2,276	692	-	-	298
West Harerghe	3,572	253	-	541	-
East Harerghe	19,613	1,706	442	2,155	774
Bale	-	413	-	-	-
Borena	113	181	-	-	-
South West Shewa	10,712	1,086	-	263	-
Guji	-	-	-	-	-
West Arsi	-	308	-	-	-
Kelem Wellega	630	515	-	-	-
Horoguduru Wellega	191	-	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	-	898	85	-	-
Shinele	-	52	-	-	-
Jijiga	-	-	-	-	-
Liben	-	846	85	-	-
Benshangul-Gumuz	838	-	-	36	-
Metekel	313	-	-	-	-
Asosa	460	-	-	-	-
Kemeshi	-	-	-	36	-
Mao Komo	64	-	-	-	-
SNNP	66,174	2,110	1,384	1,843	714
Gurage	4,187	513	-	-	238
Hadiya	16,240	553	-	511	-
Kembata Tembaro	23,579	422	138	1,331	-
Sidama	11,596	-	1,144	-	-
Gedio	200	-	-	-	200
Wolayita	5,582	473	-	-	-
South Omo	394	-	102	-	-
Shaka	-	-	-	-	-
Kaffa	-	-	-	-	-
Gamo Gofa	-	-	-	-	-
Bench Maji	96	-	-	-	200
Yem Sp. Wereda	160	-	-	-	75
Dawro	152				
Basketo Sp. Wereda	139				
Konta Sp. Wereda	-	-	-	-	-
Silte	2,850	-	-	-	-
Alaba Sp. Wereda	861	149	-	-	-
Segen People	138	-	-	-	-
Gambela Region	-	-	-	-	67
Angnuwak	-	-	-	-	67
Nuware	-	-	-	-	-
Mezhenger	-	-	-	-	-
Itang Special	-	-	-	-	-
Harari	4126	179	-	630	58
Hundene	4126	179	-	630	58
Dire Dawa	537	119	-	-	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	2,768,157	670,765	90,468	746,598	74,597
Tigray	499,508	54,027	15,240	138,444	4,964
North West Tigray	131,459	22,156	4,752	35,290	248
Central Tigray	137,915	10,078	1,211	41,765	991
Eastern Tigray	71,459	7,837	3,711	29,754	2,444
Southern Tigray	107,700	3,241	2,823	22,704	947
Western Tigray	50,974	10,716	2,743	8,930	334
Afar	5,888	1,224	77	56	3,052
Zone 1	1,938	153	-	-	-
Zone 3	3,950	1,071	77	56	3,052
Amhara	1,510,453	409,385	57,147	475,659	45,016
North Gonder	278,716	94,408	12,290	83,886	15,111
South Gonder	221,928	71,051	-	74,579	812
North Wolo	129,526	18,712	510	34,885	529
South Wolo	270,489	41,945	3,310	118,556	4,602
North Shewa	203,570	27,724	1,249	65,260	12,936
East Gojam	101,626	25,582	20,831	27,783	4,780
West Gojam	130,219	89,146	18,154	39,083	3,290
Waghamera	55,988	1,601	266	9,786	158
Awi	81,340	34,879	247	13,867	2,351
Oromia	34,784	4,102	291	7,403	412
Argoba Special	2,267	236	-	571	36
Oromia	471,745	139,789	10,061	88,754	19,435
West Wellega	2,336	-	-	-	-
East Wellega	3,227	129	-	-	-
Illubabor	2,521	-	-	842	-
Jimma	3,070	302	-	-	-
West Shewa	68,137	26,577	-	5,992	2,840
North Shewa	147,949	49,376	4,612	53,893	11,563
East Shewa	15,933	5,396	-	822	205
Arsi	40,610	12,538	736	3,576	1,194
West Harerghe	30,955	12,162	1,341	4,493	325
East Harerghe	43,137	14,781	-	6,831	-
Bale	9,169	1,025	255	207	603
Borena	1,896	2,455	417	186	-
South West Shewa	45,937	8,685	2,376	4,185	1,361
Guji	5,879	483	239	-	-
West Arsi	39,021	3,632	-	6,452	1,085
Kelem Wellega	4,212	-	-	131	-
Horoguduru Wellega	7,757	2,249	87	1,142	260

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	4,101	479	183	-	-
Shinele	148	43	-	-	-
Jijiga	3,122	212	-	-	-
Liben	831	223	183	-	-
Benshangul-Gumuz	17,966	2,526	2,710	1,324	269
Metekel	15,799	2,526	767	977	171
Asosa	1,876	-	1,897	302	99
Kemeshi	159	-	-	-	-
Mao Komo	133	-	46	46	-
SNNP	258,323	63,044	5,050	42,231	1,861
Gurage	69,087	16,139	233	10,194	-
Hadiya	32,337	3,494	-	3,181	-
Kembata Tembaro	19,509	4,179	-	1,657	-
Sidama	5,415	7,539	572	706	-
Gedio	-	-	-	201	-
Wolayita	38,047	22,197	1,463	14,519	1,503
South Omo	971	-	-	697	-
Shaka	272	-	-	-	-
Kaffa	746	-	-	-	-
Gamo Gofa	23,851	1,569	2,046	3,228	-
Bench Maji	82	-	-	-	108
Yem Sp. Wereda	6,653	646	61	683	141
Dawro	7,242	427	-	537	109
Basketo Sp. Wereda	672	-	-	38	-
Konta Sp. Wereda	704	52	-	431	-
Silte	35,840	3,557	177	4,582	-
Alaba Sp. Wereda	12,979	3,033	164	1,213	-
Segen People	3,916	213	334	364	-
Gambela Region	100	-	-	130	-
Angnuwak	-	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	100	-	-	130	-
Itang Special	-	-	-	-	-
Harari	74	65	-	-	-
Hundene	74	65	-	-	-
Dire Dawa	-	225	-	-	-

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	434,520	531,609	2,216	54,259	15,206
Tigray	96,102	30,716	691	5,077	756
North West Tigray	53,270	2,238	253	-	339
Central Tigray	3,214	4,687	-	482	-
Eastern Tigray	16,873	8,225	173	2,311	-
Southern Tigray	12,964	9,287	266	183	417
Western Tigray	9,781	6,279	-	2,101	-
Afar	597	7,834	56	-	284
Zone 1	490	4,032	-	-	172
Zone 3	106	3,802	56	-	112
Amhara	163,872	80,884	632	5,313	6,874
North Gonder	47,466	17,260	632	-	1,557
South Gonder	76,440	417	-	414	-
North Wolo	4,831	950	-	291	-
South Wolo	5,386	3,750	-	1,388	1,579
North Shewa	9,893	23,904	-	1,589	619
East Gojam	11,546	1,665	-	-	3,119
West Gojam	5,566	29,409	-	1,247	-
Waghamera	147	-	-	-	-
Awi	2,360	706	-	274	-
Oromia	226	2,821	-	111	-
Argoba Special	12	-	-	-	-
Oromia	102,457	236,025	603	28,799	3,093
West Wellega	2,273	-	-	-	-
East Wellega	1,195	-	-	-	-
Illubabor	6,640	2,004	-	-	153
Jimma	699	-	-	-	-
West Shewa	2,068	5,578	-	-	-
North Shewa	13,536	15,657	-	1,500	-
East Shewa	7,859	66,373	185	2,219	1,153
Arsi	17,918	56,448	-	6,795	316
West Harerghe	5,498	15,429	236	239	802
East Harerghe	2,866	32,094	-	645	-
Bale	16,768	11,533	182	1,157	558
Borena	138	716	-	138	-
South West Shewa	6,171	14,677	-	1,535	-
Guji	216	178	-	-	-
West Arsi	12,568	15,197	-	14,424	-
Kelem Wellega	4,940	141	-	146	112
Horoguduru Wellega	1,105	-	-	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	43	3,909	-	-	-
Shinele	43	3,325	-	-	-
Jijiga	-	502	-	-	-
Liben	-	82	-	-	-
Benshangul-Gumuz	3,146	21	114	23	-
Metekel	857	-	114	-	-
Asosa	649	-	-	-	-
Kemeshi	792	-	-	-	-
Mao Komo	847	21	-	23	-
SNNP	66,208	155,314	94	14,852	4,198
Gurage	15,841	11,972	-	2,383	460
Hadiya	1,191	10,467	-	2,433	-
Kembata Tembaro	8,237	24,935	-	658	-
Sidama	3,261	44,367	-	-	-
Gedio	578	5,109	-	-	-
Wolayita	7,716	50,459	-	8,642	2,215
South Omo	511	-	-	-	-
Shaka	2,168	317	-	77	359
Kaffa	15,305	935	-	-	246
Gamo Gofa	-	-	-	281	-
Bench Maji	8,396	815	94	378	889
Yem Sp. Wereda	50	-	-	-	29
Dawro	1,388	304	-	-	-
Basketo Sp. Wereda	404	-	-	-	-
Konta Sp. Wereda	99	110	-	-	-
Silte	412	4,584	-	-	-
Alaba Sp. Wereda	421	941	-	-	-
Segen People	230	-	-	-	-
Gambela Region	534	30	26	133	-
Angnuwak	30	-	-	-	-
Nuware	-	-	-	-	-
Mezhenger	504	30	26	133	-
Itang Special	-	-	-	-	-
Harari	1,416	8,364	-	62	-
Hundene	1,416	8,364	-	62	-
Dire Dawa	146	8,512	-	-	-

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	34,065	23,116	48,321	15,464	4,865
Tigray	12,355	4,699	20,522	7,669	3,300
North West Tigray	1,873	-	2,681	1,291	742
Central Tigray	3,754	1,530	9,866	2,720	2,267
Eastern Tigray	2,060	1,801	6,591	3,034	173
Southern Tigray	4,668	1,368	1,322	188	-
Western Tigray	-	-	61	435	119
Afar	56	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	56	-	-	-	-
Amhara	8,104	9,628	5,042	5,215	1,130
North Gonder	2,847	-	385	1,005	-
South Gonder	-	-	451	333	801
North Wolo	-	228	571	-	-
South Wolo	-	1,669	718	1,048	-
North Shewa	309	-	1,353	1,410	-
East Gojam	3,418	4,338	1,290	890	-
West Gojam	-	3,382	-	-	-
Waghamera	-	-	-	295	-
Awi	1,224	-	274	233	329
Oromia	307	-	-	-	-
Argoba Special	-	11	-	-	-
Oromia	9,450	7,182	13,069	2,073	-
West Wellega	-	-	1,726	-	-
East Wellega	-	-	364	-	-
Illubabor	243	-	2,194	-	-
Jimma	930	361	1,938	1,408	-
West Shewa	896	2,169	953	269	-
North Shewa	1,336	2,652	1,655	-	-
East Shewa	1,636	-	472	228	-
Arsi	644	-	316	-	-
West Harerghe	559	-	590	-	-
East Harerghe	332	-	-	-	-
Bale	1,163	-	-	-	-
Borena	170	-	-	-	-
South West Shewa	557	1,761	2,035	-	-
Guji	-	-	-	-	-
West Arsi	984	-	380	-	-
Kelem Wellega	-	145	176	168	-
Horoguduru Wellega	-	94	270	-	-

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	137	152	342	19	-
Metekel	137	152	322	-	-
Asosa	-	-	-	-	-
Kemeshi	-	-	-	-	-
Mao Komo	-	-	20	19	-
SNNP	3,920	1,456	8,858	489	435
Gurage	478	-	944	228	-
Hadiya	845	-	1,952	-	-
Kembata Tembaro	262	131	130	-	160
Sidama	946	-	1,354	-	-
Gedio	-	-	395	-	-
Wolayita	-	492	1,064	-	-
South Omo	139	-	487	116	-
Shaka	-	-	403	60	-
Kaffa	210	176	213	-	-
Gamo Gofa	-	215	-	-	-
Bench Maji	161	-	195	-	103
Yem Sp. Wereda	210	321	1,024	33	36
Dawro	-	-	89	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	36	52	-
Silte	-	-	372	-	-
Alaba Sp. Wereda	668	-	202	-	-
Segen People	-	121	-	-	136
Gambela Region	-	-	316	-	-
Angnuwak	-	-	267	-	-
Nuware	-	-	-	-	-
Mezhenger	-	-	49	-	-
Itang Special	-	-	-	-	-
Harari	43	-	-	-	-
Hundene	43	-	-	-	-
Dire Dawa	-	-	172	-	-

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	53,990,061	853,976	1.58	25,489,204	757,301	2.97	24,060,792	898,271	3.73
Tigray.....	4,065,082	216,901	5.34	1,381,622	110,040	7.96	3,191,184	214,231	6.71
Afar	1,190,166	134,071	11.26	916,353	110,246	12.03	1,935,611	280,464	14.49
Amhara.....	13,766,923	309,881	2.25	8,825,061	504,593	5.72	5,102,580	273,622	5.36
Oromia	22,354,053	518,728	2.32	8,748,537	378,398	4.33	7,554,869	431,198	5.71
Somali	597,427	60,955	10.20	1,281,998	199,572	15.57	1,639,080	165,824	10.12
Benshangul-Gumuz	558,551	49,963	8.95	93,131	13,095	14.06	411,503	35,961	8.74
SNNP	11,080,824	540,678	4.88	4,118,382	333,620	8.10	3,912,131	626,419	16.01
Gambella	277,050	23,812	8.59	49,934	8,833	17.69	84,229	7,888	9.36
Harari	52,832	4,991	9.45	6,395	1,185	18.54	51,039	4,074	7.98
Dire Dawa.....	47,153	3,316	7.03	67,790	7,801	11.51	178,567	16,241	9.09

Annex Table 1-Cont'd

Geographic Area	HORSES			MULES			DONKEYS			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	1,907,047	104,849	5.5	350,026	19,314	5.52	6,748,357	113,212	1.68	915,518	101,741	11.11
Tigray.....	2,412.00	1,098.00	45.53	4,690.00	1,109.00	23.65	592,179.00	28,223.00	4.08	52541	9303	17.71
Afar	95	94	99.38	1,796	1,007	56.07	65,284	9,924	15.20	270,402	57,473	21.25
Amhara.....	417,324	52,929	12.68	134,168	13,769	10.26	2,398,190	67,307	2.81	60,576	11,642	19.22
Oromia.....	1,108,850	83,337	7.52	152,345	12,612	8.28	2,810,612	78,820	2.80	264,175	68,726	26.02
Somali	58	58	99.60	175	172	98.70	130,730	12,332	9.43	260,695	45,841	17.58
Benshangul-Gumuz	1,207	771	63.82	2,532	992	39.18	64,679	6,391	9.88	-	-	-
SNNP	376,627	35,283	9.37	54,212	4,597	8.48	558,990	31,341	5.61	-	-	-
Gambella	474	204	42.96	78	42	53.40	467	357	76.53	-	-	-
Harari	-	-	-	30	30	98.35	11,110	1,364	12.28	1,503	773	51.43
Dire Dawa.....	-	-	-	-	-	-	16,118	1,370	8.50	5,624	927	16.47

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	2,550,699	55,716	2.18	1,972,274	46,751	2.37	3,964,671	71,887	1.81	14,848,521	213,795	1.44	697,727	36,680	5.26
Tigray.....	195,270	14,260	7.3	142,168	13,852	9.74	295,396	19,108	6.47	1,207,819	46,010	3.81	93,253	9,723	10.43
Afar	67,211	10,155	15.11	39,272	5,058	12.88	49,694	8,262	16.63	103,588	22,804	22.01	1,807	992	54.91
Amhara	557,524	23,141	4.15	442,452	20,092	4.54	1,044,531	33,088	3.17	4,692,609	98,411	2.1	321,049	24,158	7.52
Oromia	1,083,656	37,185	3.43	787,970	25,281	3.21	1,715,787	44,692	2.6	6,321,578	132,686	2.1	235,794	20,345	8.63
Somali	47,413	5,782	12.19	24,802	3,140	12.66	37,169	4,539	12.21	77,695	11,188	14.4	366	266	72.65
Benshangul-Gumuz.....	25,624	3,852	15.03	26,003	3,185	12.25	41,987	4,189	9.98	157,887	15,089	9.56	4,111	1,246	30.31
SNNP.....	556,196	28,790	5.18	490,001	30,047	6.13	751,125	39,999	5.33	2,238,331	124,099	5.54	40,285	15,826	39.28
Gambella.....	12,979	1,452	11.19	15,175	1,550	10.21	17,606	1,829	10.39	33,309	5,002	15.02	1,062	521	49.09
Harari.....	2,510	411	16.36	2,539	362	14.26	5,408	634	11.72	7,898	1,394	17.65	-	-	-
Dire Dawa	2,317	346	14.93	1,891	259	13.69	5,968	624	10.45	7,807	701	8.98	-	-	-

Annex Table 2- Cont'd

Female Cattle

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,722,044	59,206	2.18	2,150,021	51,449	2.39	4,904,960	97,960	2	19,509,262	370,614	1.9	669,883	65,241	9.74
Tigray.....	217,551	16,095	7.4	162,795	13,162	8.08	337,759	23,874	7.07	1,337,327	87,971	6.58	75,744	12,144	16.03
Afar	105,573	14,660	13.89	81,948	10,124	12.35	149,324	20,142	13.49	585,432	64,977	11.1	6,317	2,754	43.6
Amhara	595,902	25,495	4.28	431,423	18,564	4.3	1,078,611	37,084	3.44	4,397,253	122,375	2.78	205,569	16,434	7.99
Oromia	1,126,745	38,586	3.42	874,497	27,784	3.18	2,029,784	56,407	2.78	7,954,647	239,042	3.01	223,595	16,042	7.17
Somali	51,292	6,912	13.48	32,383	4,596	14.19	49,180	7,623	15.5	273,334	26,075	9.54	3,793	1,766	46.55
Benshangul-Gumuz.....	23,879	3,702	15.5	24,054	2,800	11.64	47,054	4,218	8.96	203,781	18,559	9.11	4,172	1,454	34.84
SNNP.....	578,059	28,748	4.97	519,771	34,967	6.73	1,167,584	63,054	5.4	4,593,487	228,315	4.97	145,985	59,722	40.91
Gambella.....	16,932	2,036	12.02	18,937	1,677	8.86	32,569	3,344	10.27	125,129	10,888	8.7	3,353	1,359	40.55
Harari.....	3,370	438	13.01	2,182	299	13.7	6,344	573	9.03	21,845	2,181	9.98	736	266	36.15
Dire Dawa	2,742	484	17.65	2,032	350	17.24	6,751	651	9.64	17,026	1,396	8.2	620	218	35.15

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	3,269,853	96,424	2.95	1,074,451	43,760	4.07	947,917	55,387	5.84	1,444,710	88,629	6.13
Tigray	154,558	13,109	8.48	64,885	7,142	11.01	54,622	7,318	13.4	77,576	8,848	11.41
Afar	65,563	8,736	13.32	37,238	5,525	14.84	41,700	6,705	16.08	54,026	7,938	14.69
Amhara	1,108,369	66,347	5.99	344,375	29,563	8.58	347,510	35,468	10.21	514,342	50,151	9.75
Oromia.....	1,330,094	60,665	4.56	368,629	21,961	5.96	260,019	18,287	7.03	348,660	33,130	9.5
Somali	97,332	14,279	14.67	60,899	9,275	15.23	68,286	19,481	28.53	152,803	27,414	17.94
Benshangul-Gumuz	14,992	2,475	16.51	5,469	1,302	23.81	2,291	551	24.03	5,242	1,292	24.66
SNNP	484,894	27,490	5.67	186,400	19,721	10.58	168,044	31,565	18.78	286,133	57,848	20.22
Gambella	5,344	900	16.85	2,938	437	14.87	2,533	567	22.39	3,595	991	27.57
Harari	741	172	23.18	356	139	38.99	269	100	37.01	339	109	32.14
Dire Dawa.....	7,966	796	9.99	3,263	546	16.75	2,643	524	19.8	1,995	729	36.55

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	3,529,061	107,245	3.04	1,483,911	61,649	4.15	1,727,373	70,735	4.09	12,011,928	359,323	2.99
Tigray	160,204	15,791	9.86	94,244	9,687	10.28	116,237	12,493	10.75	659,295	54,115	8.21
Afar	89,659	11,362	12.67	83,691	13,615	16.27	110,238	17,614	15.98	434,238	52,727	12.14
Amhara	1,168,601	74,177	6.35	476,411	43,204	9.07	531,854	39,026	7.34	4,333,599	255,122	5.89
Oromia.....	1,400,711	62,189	4.44	483,191	27,817	5.76	525,856	30,432	5.79	4,031,377	180,961	4.49
Somali	134,570	23,785	17.67	91,172	15,782	17.31	133,343	31,126	23.34	543,594	74,335	13.67
Benshangul-Gumuz	14,395	2,138	14.86	5,698	1,130	19.83	6,018	1,557	25.87	39,027	5,282	13.53
SNNP	545,987	34,365	6.29	240,886	25,095	10.42	291,031	33,381	11.47	1,915,008	141,369	7.38
Gambella	6,265	945	15.09	3,887	773	19.89	5,244	1,131	21.56	20,128	3,861	19.18
Harari	611	224	36.74	690	152	22.07	434	144	33.08	2,955	625	21.17
Dire Dawa.....	8,059	1,074	13.33	4,040	559	13.82	7,117	1,019	14.32	32,707	4,025	12.31

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	2,786,977	78,399	2.81	1,189,112	45,726	3.85	1,039,124	55,259	5.32	1,948,077	164,334	8.44
Tigray	300,931	18,605	6.18	179,996	14,517	8.07	157,349	16,263	10.34	241,905	22,797	9.42
Afar	117,327	14,237	12.13	75,327	10,521	13.97	83,089	13,087	15.75	99,467	13,602	13.68
Amhara	682,984	44,387	6.5	262,651	18,873	7.19	237,215	23,406	9.87	464,513	34,022	7.32
Oromia.....	1,064,889	48,726	4.58	377,613	23,912	6.33	290,355	22,359	7.7	431,482	41,535	9.63
Somali	130,207	15,240	11.7	74,563	9,956	13.35	71,027	9,979	14.05	181,418	24,302	13.4
Benshangul-Gumuz	56,638	5,472	9.66	21,504	2,331	10.84	13,691	1,933	14.12	18,858	2,949	15.64
SNNP	400,355	31,400	7.84	179,035	27,114	15.14	172,552	38,278	22.18	492,441	151,045	30.67
Gambella	9,479	1,144	12.07	4,863	646	13.28	3,796	597	15.74	5,640	925	16.4
Harari	5,978	713	11.93	3,215	386	11.99	2,439	402	16.5	3,028	587	19.39
Dire Dawa.....	18,189	1,765	9.7	10,345	1,082	10.46	7,612	991	13.02	9,324	1,786	19.16

Annex Table 4 – Cont'd

Female Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	3,065,458	91,978	3	1,624,507	64,915	4	1,978,891	93,143	4.71	10,428,645	442,738	4.25
Tigray	340,277	25,811	7.59	261,715	23,259	8.89	322,187	29,261	9.08	1,386,824	100,050	7.21
Afar	189,267	25,322	13.38	169,554	31,521	18.59	272,891	52,632	19.29	928,688	143,817	15.49
Amhara	687,567	43,777	6.37	316,985	23,743	7.49	358,832	27,486	7.66	2,091,831	107,920	5.16
Oromia.....	1,124,745	55,069	4.9	465,521	30,603	6.57	531,109	39,021	7.35	3,269,155	212,901	6.51
Somali	176,442	19,387	10.99	117,698	14,870	12.63	141,595	18,897	13.35	746,129	72,818	9.76
Benshangul-Gumuz	58,781	5,115	8.7	33,814	3,906	11.55	34,815	4,784	13.74	173,401	17,791	10.26
SNNP	451,184	42,374	9.39	232,771	30,622	13.16	286,422	48,831	17.05	1,697,371	320,402	18.88
Gambella	11,439	1,307	11.42	7,504	723	9.63	8,755	1,109	12.66	32,754	3,398	10.37
Harari	5,919	721	12.17	3,600	495	13.75	4,229	371	8.77	22,631	1,952	8.62
Dire Dawa.....	19,836	1,920	9.68	15,345	2,058	13.41	18,056	2,337	12.94	79,860	7,663	9.6

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	188,941	13,910	7.36	752,925	43,017	5.71	194,684	14,891	7.65	770,497	49,425	6.41
Tigray	278	211	75.98	957	505	52.77	183	177	96.55	993	555	55.89
Afar	-	-	-	95	94	99.38	-	-	-	-	-	-
Amhara	37,950	5,750	15.15	131,537	18,889	14.36	40,730	7,655	18.79	207,107	31,249	15.09
Oromia.....	120,422	11,771	9.78	459,181	35,714	7.78	124,258	12,126	9.76	404,989	33,282	8.22
Somali	-	-	-	58	58	99.6	-	-	-	-	-	-
Benshangul-Gumuz	85	84	98.05	589	346	58.83	64	64	99.33	469	347	73.95
SNNP	30,154	4,670	15.49	160,086	14,756	9.22	29,449	4,010	13.62	156,938	18,925	12.06
Gambella	52	34	65.34	422	188	44.55	-	-	-	-	-	-
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	773,962	22,315	2.88	2,371,789	65,348	2.76	784,337	22,943	2.93	2,818,268	62,680	2.22
Tigray	80,875	6,068	7.5	285,951	19,814	6.93	77,397	6,150	7.95	247,956	14,467	5.83
Afar	8,113	1,933	23.83	21,171	3,843	18.15	7,180	1,308	18.22	28,821	4,812	16.7
Amhara	318,060	15,600	4.9	702,865	43,279	6.16	326,798	16,315	4.99	1,050,467	38,571	3.67
Oromia.....	306,103	13,616	4.45	1,023,786	41,146	4.02	316,716	14,104	4.45	1,164,006	42,086	3.62
Somali	12,634	2,675	21.17	55,569	5,046	9.08	11,004	1,836	16.68	51,522	6,606	12.82
Benshangul-Gumuz	7,143	1,414	19.79	37,946	4,460	11.75	4,313	639	14.81	15,276	2,412	15.79
SNNP	38,100	4,398	11.54	233,773	15,793	6.76	38,432	4,224	10.99	248,686	19,669	7.91
Gambella	45	49	107.81	397	313	78.86	-	-	-	25	27	109.44
Harari	749	190	25.37	6,207	1,329	21.41	630	173	27.51	3,524	605	17.16
Dire Dawa.....	2,140	345	16.14	4,125	515	12.47	1,867	310	16.59	7,986	801	10.03

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	23,681	3,746	15.82	147,138	10,637	7.23	24,247	3,953	16.3	154,960	10,784	6.96
Tigray	-	-	-	1,664	571	34.33	-	-	-	3,026	949	31.36
Afar	-	-	-	680	462	67.83	66	65	99.24	1,050	665	63.36
Amhara	14,992	3,406	22.72	44,572	6,638	14.89	14,333	3,380	23.58	60,272	7,652	12.7
Oromia.....	7,573	1,503	19.84	69,434	7,599	10.94	8,418	1,981	23.53	66,920	7,006	10.47
Somali	-	-	-	58	58	99.6	-	-	-	116	115	98.92
Benshangul-Gumuz	92	90	98.35	1,524	717	47.06	-	-	-	916	347	37.87
SNNP	1,025	402	39.23	29,097	3,205	11.02	1,430	524	36.63	22,660	2,680	11.83
Gambella	-	-	-	78	42	53.4	-	-	-	-	-	-
Harari	-	-	-	30	30	98.35	-	-	-	-	-	-
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	105,317	12,765	12.12	210,722	17,979	8.53	132,064	19,371	14.67	467,415	63,212	13.52
Tigray	7,965	3,506	44.02	42,845	7,381	17.23	644	372	57.8	1,087	611	56.17
Afar	22,900	4,357	19.03	37,394	5,945	15.9	48,902	11,042	22.58	161,206	39,293	24.37
Amhara	8,027	2,615	32.58	52,125	10,490	20.12	212	211	99.67	212	211	99.67
Oromia.....	41,369	10,425	25.2	28,819	6,017	20.88	48,884	14,552	29.77	145,104	40,616	27.99
Somali	24,279	4,015	16.54	47,336	9,325	19.7	32,111	6,425	20.01	156,970	28,310	18.04
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-	-	-
Gambella	-	-	-	-	-	-	-	-	-	-	-	-
Harari	78	72	93.3	179	133	74.51	402	249	61.93	845	434	51.35
Dire Dawa.....	699	178	25.43	2,024	482	23.81	909	197	21.68	1,992	340	17.06

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	50,377,142	676,410	1.34	5,190,884	78,740	1.52	2,687,894	79,722	2.97	4,863,762	103,605	2.13	1,525,680	63,490	4.16	19,602,682	385,394	1.97	16,506,239	190,502	1.15
Tigray	4,765,588	179,380	3.76	420,795	17,641	4.19	318,299	22,729	7.14	563,279	34,640	6.15	270,688	25,485	9.42	1,882,136	93,884	4.99	1,310,391	46,406	3.54
Afar	42,789	11,042	25.81	4,619	1,366	29.58	2,785	1,078	38.69	6,679	1,798	26.93	4,526	1,362	30.09	14,211	5,071	35.68	9,969	2,987	29.96
Amhara	14,610,770	430,797	2.95	1,367,696	42,212	3.09	771,727	56,675	7.34	1,406,185	65,945	4.69	355,079	30,280	8.53	5,937,362	268,739	4.53	4,772,722	104,012	2.18
Oromia	18,398,495	390,100	2.12	2,112,425	53,349	2.53	980,438	42,290	4.31	1,742,161	58,157	3.34	597,545	44,260	7.41	6,528,266	203,568	3.12	6,437,660	122,054	1.9
Somali	158,644	24,818	15.64	28,050	5,103	18.19	10,678	2,827	26.47	14,133	3,467	24.53	10,932	2,852	26.09	41,247	7,570	18.35	53,603	9,053	16.89
Benshangul-Gumuz	1,293,358	69,280	5.36	106,639	7,659	7.18	80,884	8,828	10.91	157,534	10,471	6.65	25,123	4,735	18.85	643,564	39,925	6.2	279,614	14,876	5.32
SNNP	9,583,862	273,430	2.85	969,776	32,740	3.38	424,707	24,186	5.69	797,890	34,936	4.38	216,410	19,927	9.21	4,093,774	150,954	3.69	3,081,305	81,879	2.66
Gambella	294,698	18,159	6.16	38,691	3,217	8.32	26,966	2,594	9.62	33,750	3,381	10.02	10,609	1,741	16.41	114,819	8,152	7.1	69,863	4,557	6.52
Harari	50,028	4,861	9.72	5,528	868	15.7	4,764	789	16.57	6,463	1,006	15.56	1,392	351	25.17	14,413	1,874	13	17,468	1,518	8.69
Dire Dawa	73,421	5,657	7.7	7,588	907	11.96	3,654	637	17.44	8,365	1,200	14.34	2,255	626	27.75	17,724	1,866	10.53	33,835	2,528	7.47

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

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	5,207,300	240,782	4.62	4,996,933	239,446	4.79	54,991	10,177	18.51	155,376	17,966	11.56
Tigray	229,626	18,085	7.88	168,315	15,584	9.26	1,560	1,000	64.13	59,751	8,329	13.94
Afar	457	310	67.78	225	217	96.71	116	115	99.51	116	115	99.51
Amhara	1,032,927	66,463	6.43	974,903	63,621	6.53	16,738	4,269	25.5	41,286	7,508	18.18
Oromia	2,723,783	216,838	7.96	2,666,980	216,843	8.13	25,375	8,385	33.04	31,427	12,046	38.33
Somali	2,143	1,246	58.11	2,121	1,245	58.7	22	23	104.69	-	-	-
Benshangul-Gumuz	259,664	40,555	15.62	254,735	39,936	15.68	1,485	790	53.2	3,444	3,397	98.63
SNNP	870,544	58,027	6.67	841,724	56,820	6.75	9,516	3,659	38.45	19,303	6,356	32.93
Gambella	86,300	34,625	40.12	86,251	34,612	40.13	-	-	-	49	36	72.64
Harari	854	224	26.18	785	209	26.58	69	47	68.56	-	-	-
Dire Dawa	1,003	269	26.78	893	261	29.26	110	58	52.97	-	-	-

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 2012/13(2005 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	930	928
	Central Tigray	39	39	1170	1,169
	Eastern Tigray	29	29	870	869
	Southern Tigray	38	38	1140	1,140
	Western Tigray	25	25	750	748
	Region Total	**162**	**162**	**4,860**	**4,854**
Afar	Zone One	29	28	870	838
	Zone Three	21	21	630	622
	Region Total	**50**	**49**	**1,500**	**1,460**
Amhara	North Gonder	49	49	1470	1,469
	South Gonder	45	45	1350	1,350
	North Wello	46	46	1380	1,376
	South Wello	49	49	1470	1,467
	North Shewa	47	46	1410	1,379
	East Gojam	47	47	1410	1,406
	West Gojam	46	46	1380	1,380
	Wag Hemira	29	29	870	870
	Awi	32	32	960	958
	Oromia	28	28	840	840
	Argoba Special Woreda	20	20	600	600
	Region Total	**438**	**437**	**13,140**	**13,095**
Oromia	West Wellega	43	43	1290	1,290
	East Wellega	40	40	1200	1,197
	Illubabor	48	48	1440	1,438
	Jimma	47	47	1410	1,410
	West Shewa	44	44	1320	1,319
	North Shewa	39	39	1170	1,163
	East Shewa	40	39	1200	1,168
	Arsi	53	53	1590	1,589
	West Harerghe	41	41	1230	1,230
	East Harerghe	48	48	1440	1,439
	Bale	47	44	1410	1,320
	Borena	38	37	1140	1,107
	South West Shewa	38	38	1140	1,140
	Guji	38	38	1140	1,139
	West Arsi	39	39	1170	1,169
	Kelem Wellega	36	36	1080	1,080
	Horoguduru Wellega	37	36	1110	1,080
	Region Total	**716**	**710**	**21,480**	**21,278**

APPENDIX-I (a) (Continued…)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	588
	Jijiga	28	28	840	834
	Liben	25	21	750	615
	Region Total	**73**	**69**	**2190**	**2,037**
Benishangul-Gumuz	Metekel	31	30	930	898
	Asosa	26	26	780	777
	Kemeshi	23	20	690	600
	Maokomo	20	20	600	599
	Region Total	**100**	**96**	**3,000**	**2,874**
SNNP	Guraghe	41	39	1230	1,167
	Hadiya	33	33	990	990
	Kembata_Tambaro	33	33	990	990
	Sidama	45	45	1350	1,350
	Gedeo	34	33	1020	989
	Wolayita	39	39	1170	1,165
	South Omo	36	35	1080	1,035
	Shaka	24	24	720	712
	Keffa	37	37	1110	1,109
	Gamo_Gofa	42	42	1260	1,258
	Benchi_Maji	36	36	1080	1,076
	Yem Special Wereda	20	20	600	600
	Segen People	40	40	1,200	1,197
	Dawro	32	32	960	956
	Basketo Special Wereda	20	20	600	597
	Konta Special Wereda	20	20	600	600
	Siltie	30	30	900	896
	Alaba Special Wereda	20	20	600	599
	Region Total	**582**	**578**	**17,460**	**17,286**
Gambella	Agnuak	21	21	630	630
	Nuer	19	19	570	570
	Mejenger	20	20	600	600
	Etang Special Woreda	20	10	600	300
	Region Total	**80**	**70**	**2,400**	**2,100**
Harari	**Harari**	24	24	720	719
Dire Dawa	**Dire Dawa**	24	24	720	720
Country Total		**2,249**	**2,219**	**67,470**	**66,423**

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

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the hth stratum.

M_h is the measure of size of the hth stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the ith sample EA in the hth stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the ith sample EA in the hth stratum.

h_{hi} is the number of sample agricultural households successfully covered in the ith sample EA in the hth stratum.

y_{hij} is the value of a specific livestock(its products) for agricultural households j, in the ith EA in the hth 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:

$\hat{R}_h = \dfrac{\hat{Z}_h}{\hat{X}_h}$, 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 ith 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 ith 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 ith 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

Form ASS – 2005/7

Annual Agricultural Sample Survey

Livestock and Beehives Population - 2012/13 (2005 E.C.)

Part I - Identification Particulars

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

PART II - LIVESTOCK POPULATION AND PRODUCTS

QST I - Did You Have Livestock and/or Beehives on November 10, 2012?

☐ Yes Complete questions below ☐ No – End of the question

Number of Cattle by Age and Purpose on Nov 10, 2012

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

Number of Sheep by Age and Purpose on Nov 10, 2012

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

Number of Goats by Age and Purpose on Nov 10, 2012

	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 –2005/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2012

Horses	None	Total		Male		Female	
4. Horses of all ages		124		125		126	
a. Horses less than 3 years		127		128		129	
b. Horses 3 years and older		130		131		132	
1. Horses used primary for draft purposes		133		134		135	
2. Horses for transportation		136		137		138	
3. Horses for other purposes		139		140		141	

Mules	None	Total		Male		Female	
5. Mules of all ages		142		143		144	
a. Mules less than 3 years		145		146		147	
b. Mules 3 years and older		148		149		150	
1. Mules used primary for draft purposes		151		152		153	
2. Mules for transportation		154		155		156	
3. Mules for other purposes		157		158		159	

Donkeys	None	Total		Male		Female	
6. Donkeys of all ages		160		161		162	
a. Donkeys less than 3 years		163		164		165	
b. Donkeys 3 years and older		166		167		168	
1. Donkeys used for draft purposes		169		170		171	
2. Donkeys for transportation		172		173		174	
3. Donkeys for other purposes		175		176		177	

Camels	None	Total		Male		Female	
7. Camels of all ages		178		179		180	
a. Camels less than 4 years		181		182		183	
b. Camels 4 years and older		184		185		186	
1. Camels for slaughter		187		188		189	
2. Camels for draft purposes		190		191		192	
3. Camels for milk		193		209		194	
4. Camels for transportation		195		196		197	
5. Camels for other purposes		198		199		200	

Poultry	None	Total		Indigenous		Hybrid		Exotic	
8. Poultry total on **Nov 10, 2012**		201		202		223		204	
a. Laying hens _____		205		206		207		208	
b. Non-Laying hens _____		209		210		211		212	
c. Cocks _____		213		214		215		216	
d. Cockerels _____		217		218		219		220	
e. Pullets _____		221		222		223		224	
f. Chicks_____		225		226		227		228	

QST II- Did You Have Livestock During The Reference Period (Nov 11, 2011 to Nov 10, 2012)? **Yes=1 No=2** [ ]

Yes Complete questions below No – End of the question

	None	Total	
9. Total Beehives (produced honey during the reference period)		229	
a. Traditional Beehives _____		230	
b. Intermediate Beehives _____		231	
c. Modern Beehives _____		232	

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

a. Average honey production/ Traditional hive/harvest _____	233	
Number of harvests/Traditional hive/year_____	234	
b. Average honey production/ Intermediate hive/harvest_____	235	
Number of harvests/Intermediate hive/year_____	236	
c. Average honey production/ Modern hive/harvest_____	237	
Number of harvests/Modern hive/year_____	238	

Milk, Egg, and Honey Production during the reference period

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

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

15. Livestock Diseases and Treatments during the Reference Period

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

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

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

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

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

18. Livestock Feeds utilized during the reference period

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

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

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

Yes=1 No=2

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

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