FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY 2005/06 [1998 E.C.]

VOLUME II

REPORT ON LIVESTOCK AND LIVESTOCK CHARACTERISTICS

(PRIVATE PEASANT HOLDINGS)

ADDIS ABABA
MARCH 2006

361 STATISTICAL BULLETIN 361

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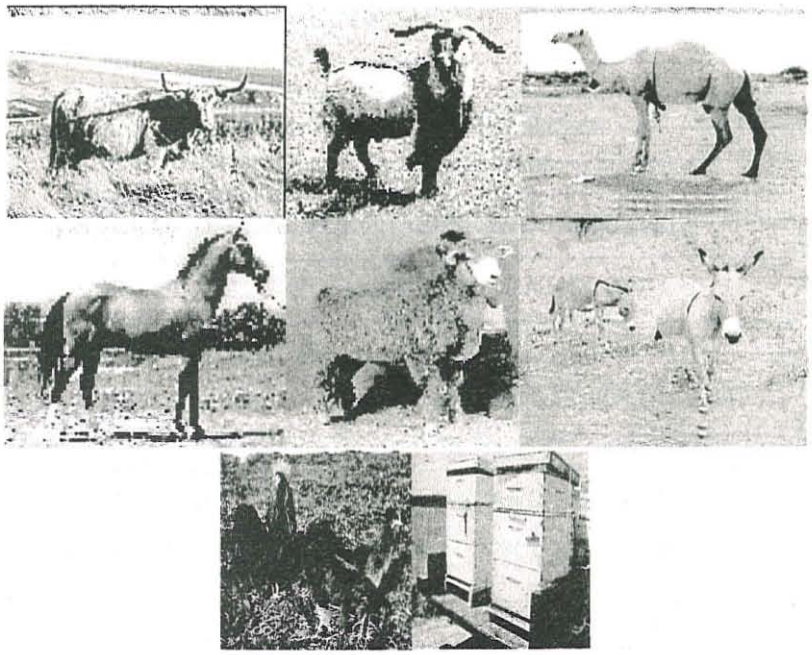

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Abbreviations

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

CHAPTER I
INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

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

Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2005/06 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, 2005 or Hidar 1, 1998 E.C.) and reference period (November 11, 2004 to November 10, 2005 or Hidar 2, 1997 E.C. to Hidar 1, 1998 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 usual sedentary rural areas are presented in Statistical Tables 3.1 - 3.30 whilst results for resettlement areas are obtainable from Statistical Tables 4.1 - 4.15. The standard errors (SE) and coefficients of variation (CV) are given in Annex Tables 1 – 10, for some variables.

1.2 OBJECTIVES OF THE SURVEY

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

CHAPTER II
SURVEY METHODOLOGY AND OPERATIONS

2.1 COVERAGE

The 2005/06 (1998 E.C) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except all zones of Gambella Region, and the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,024 enumeration areas (EAs) and 250 resettlement localities were selected. However, due to various reasons that are beyond control, in 12 EAs and 1 resettlement locality the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,012 EAs and 249 resettlement localities (99.43%) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA / resettlement locality. Regarding the ultimate sampling units, it was intended to cover a total of 68,220 agricultural households, however, 67,502 (98.95%) 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 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) was used as the sampling frame in order to select EAs (Primary sampling units for non-resettlement areas). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The list of all resettlement localities of each region, which is obtained from regional administrative records, is also used to select resettlement localities (Primary sampling units for resettlement areas) from each region. Second stage sampling units, households, On the other hand, were selected from a fresh list of households that were prepared for each EA / resettlement locality 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/ resettlement localities and second stage sampling units were households. Except Harari, Addis Ababa and Dire Dawa, where each region as a whole is considered to be the domain of estimation, every zone/special wereda of a region was adopted as a stratum for which major findings of the survey are reported.

2.4 SELECTION SCHEME

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. With regard to resettlement localities, the survey covered about 93 % of the localities found in the country. As a result, the chance of being included in the sample, are purposefully not given for resettlement localities with very few households (below 30). Consequently, selection of required number of localities from the rest of localities is accomplished on the basis of equal probability. Within each sample EA/resettlement locality 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 and resettlement localities) by stratum is also presented in Appendix-I. Except differences in weighting mechanism, the procedure for producing estimates for resettlement areas is more or less similar to those of non-resettlement areas. Therefore, only estimation procedures of different estimates for non-resettlement areas 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, 2004 to Nov 10, 2005.

***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, 2004 to Nov 10, 2005.

***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 1to5. To accomplish the data collection operation, all the enumerators were supplied with the necessary survey equipment at the completion of the training. To assist the data collection activities in deployment, supervision, and retrieval of completed questionnaires, reasonably adequate four-wheel vehicles were used.

2.7 TRAINING OF FIELD STAFF

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

2.8 METHOD OF DATA COLLECTION

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

agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, & beehives was Nov.10, 2005 (Hidar 1/1998 E.C.).

2.9 DATA PROCESSING

2.9.1 Editing, Coding, and Verification

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

2.9.2 Data Entry, Cleaning, and Processing

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

CHAPTER III
SUMMARY OF THE SURVEY RESULTS

3.1 LIVESTOCK NUMBER BY BREED, AGE, SEX, AND PURPOSE

The 2005/06 livestock survey has covered the rural sedentary areas of the country (including resettlements) 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 (Nov. 10, 2005), 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 40.38 million. Out of this total cattle population, the female cattle constitute about 55.14 percent and the remaining 44.86 percent are male cattle.

Regarding age groups, the majority of the cattle population (that is about 64 percent) is in the 3 years and less than 10 years age category, with about 36 percent female and about 28 percent male. Moreover, about 32.9 percent are less than three years and those with age category 10 years and over took small portion i.e. 3.28 percent of the total estimated number of cattle population (also see Fig III.1).

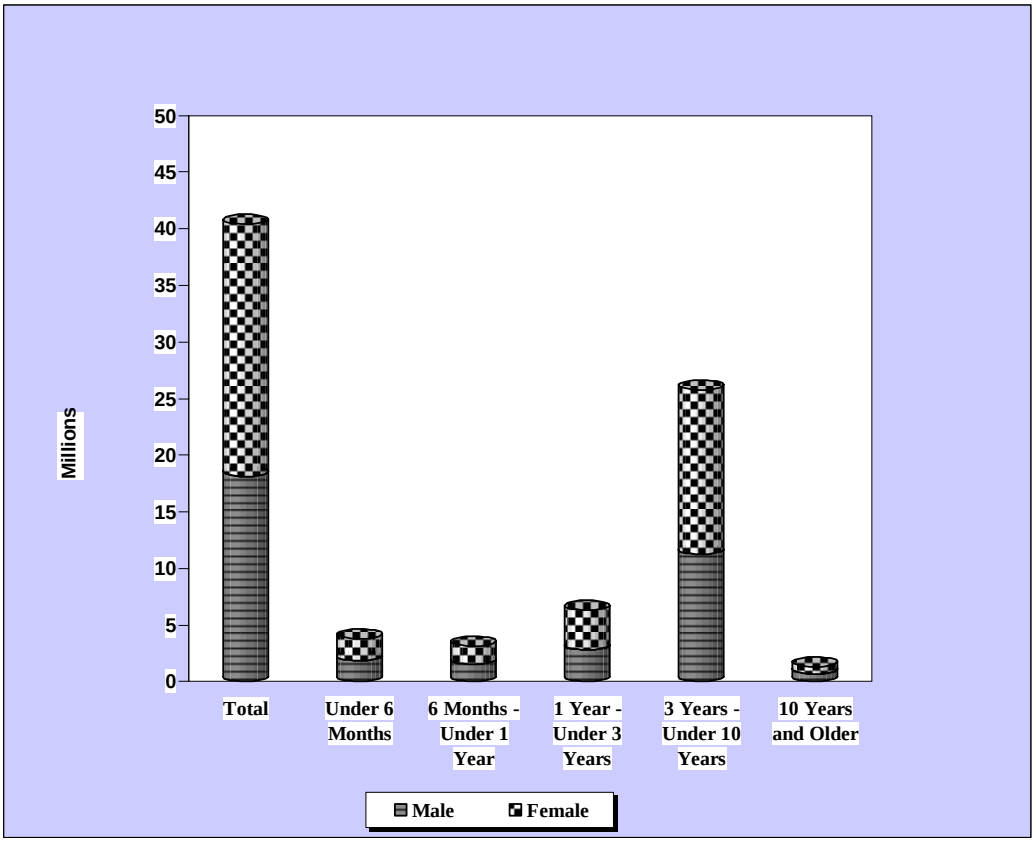
On the other hand, the results obtained indicated that 99.28 percent of the total cattle in the country are local breeds. The remaining are hybrid and exotic breeds that accounted for about 0.65 percent and 0.06 percent, respectively. Moreover,

distribution of cattle by purpose is given in the same table. Among cattle aged 3 years and less than 10 years, those used for draught purposes accounted for 25.81 percent and the percentage share of beef cattle is the lowest that is about 0.72 percent.

SUMMARY TABLE III.1: Estimated Number of Cattle by Sex, Age, Breed, and Purpose, Ethiopia - 2005/06

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total	40,380,098	100	18,113,961	44.86	22,266,138	55.14
Under 6 months	3,802,609	9.42	1,850,628	4.58	1,951,981	4.83
6 months - under 1 year	3,177,446	7.87	1,530,558	3.79	1,646,888	4.08
1 year – under 3 years	6,303,101	15.61	2,799,692	6.93	3,503,410	8.68
3 years – under 10 years	25,773,657	63.83	11,255,560	27.87	14,518,097	35.95
10 years and older	1,323,285	3.28	677,523	1.68	645,762	1.6
Cattle by Breed						
Total	40,380,098	100	18,113,961	44.86	22,266,138	55.14
Indigenous	40,091,011	99.28	18,002,266	44.58	22,088,745	54.7
Hybrid	263,284	0.65	102,966	0.25	160,319	0.4
Exotic	25,803	0.06	8,729	0.02	17,074	0.04
Aged 3 – 10 Years by Purpose						
Total	25,773,657	63.83	11,255,560	27.87	14,518,097	35.95
Used for Milk	6,221,593	15.41			6,221,593	15.41
Used for Draught	10,420,352	25.81	10,286,769	25.47	133,583	0.33
Used for Beef	290,425	0.72	216,750	0.54	73,675	0.18
Used for Breeding	7,448,052	18.44	376,682	0.93	7,071,369	17.51
Used for Other	1,393,236	3.45	375,359	0.93	1,017,877	2.52
Dairy Animals						
Dairy Cows	6,221,593	15.41			6,221,593	15.41
Milking Cows	8,194,238	20.29			8,194,238	20.29

FIGURE III.1 DISTRIBUTION OF CATTLE BY AGE AND SEX



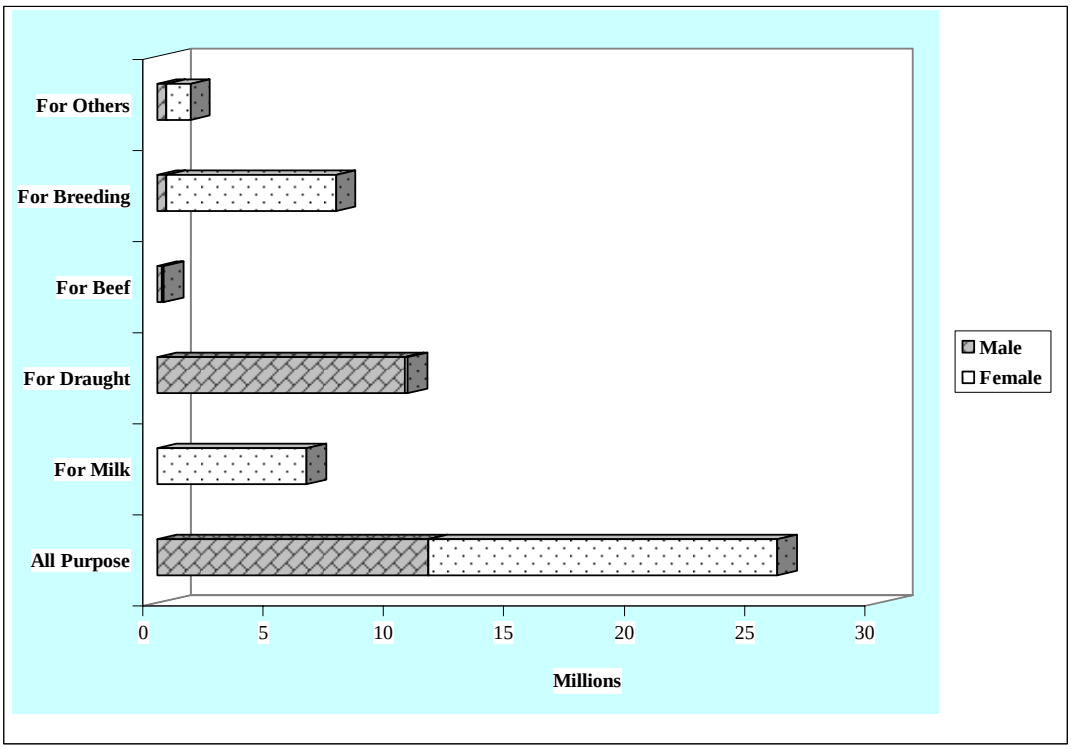
Beef cattle here refer to all cattle reared exclusively for meat that is used either for home consumption or for sale. Dairy-cows[1] are estimated to be around 6.22 million and milking-cows[2] are 8.19 million heads.

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, 2004 to Nov. 10, 2005*).

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



3.1.2 Sheep And Goat Populations

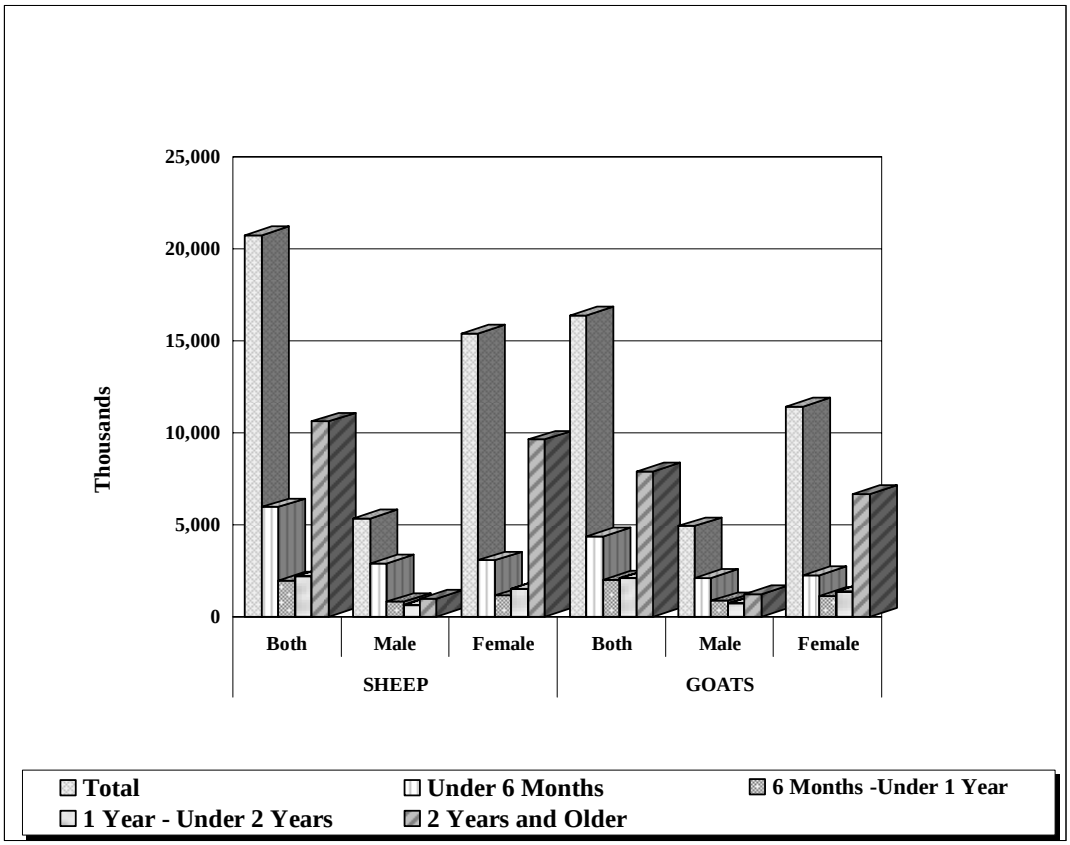
The estimated numbers and percentage distributions of sheep and goats in the rural sedentary and resettlement areas of the country are given in Summary Table III.2. As pointed out in this table, about 20.73 million sheep are estimated to be found in the country, out of which about 74 percent are females, and about 26 percent are males. According to the survey result, the number of goats reported in the country is estimated to be about 16.36 million. Out of these total goats, 70 percent are females and 30 percent are males (see Summary Table III. 2 and Fig. III. 3).

SUMMARY TABLE III.2: Estimated Numbers of Sheep and Goats by Sex, Age, Breed, and Purpose, Ethiopia - 2005/06

Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Sheep	20,733,913	100	5,339,509	25.75	15,394,404	74.25
Under 6 months	5,961,912	28.75	2,899,058	13.98	3,062,854	14.77
6 months - under 1 year	1,970,504	9.5	808,350	3.9	1,162,154	5.61
1 year - under 2 years	2,195,048	10.59	655,957	3.16	1,539,091	7.42
2 years and older	10,606,449	51.16	976,144	4.71	9,630,305	46.45
Sheep by Breed						
Total	20,733,913	100	5,339,509	25.75	15,394,404	74.25
Indigenous	20,709,049	99.88	5,330,420	25.71	15,378,629	74.17
Hybrid	21,916	0.11	*	*	*	*
Exotic	2,948	0.01	*	*	*	*
Sheep Aged 2 Years and Older by Purpose						
Total	10,606,449	51.16	976,144	4.71	9,630,305	46.45
Used for Mutton	453,975	2.19	404,382	1.95	49,593	0.24
Used for Wool	38,812	0.19	2,284	0.01	36,528	0.18
Used for Breeding	10,007,824	48.27	514,627	2.48	9,493,197	45.79
Used for Other	105,838	0.51	54,851	0.26	50,987	0.25
Total Goats	16,364,048	100	4,934,464	30.15	11,429,584	69.85
Under 6 months	4,370,980	26.71	2,119,349	12.95	2,251,631	13.76
6 months - under 1 year	2,010,538	12.29	865,829	5.29	1,144,709	7
1 year - under 2 years	2,092,413	12.79	726,051	4.44	1,366,362	8.35
2 years and older	7,890,117	48.22	1,223,235	7.48	6,666,882	40.74
Goats by Breed						
Total	16,364,048	100	4,934,464	30.15	11,429,584	69.85
Indigenous	16,360,503	99.98	4,933,053	30.15	11,427,449	69.83
Hybrid	*	*	*	*	1,282	0.01
Exotic	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose						
Total	7,890,117	48.22	1,223,235	7.48	6,666,882	40.74
Used for Milk	493,155	3.01			493,155	3.01
Used for Meat	550,697	3.37	503,836	3.08	46,861	0.29
Used for Breeding	6,777,553	41.42	676,402	4.13	6,101,151	37.28
Used for Other	68,713	0.42	42,997	0.26	25,716	0.16

Pertaining to the age distribution of both the sheep and the goats, the largest portions are in the age group of two years and older (51 percent and 48 percent, in that order). These are followed by the young stock under six months for both sheep and goats i.e. about 29 percent and 27 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 (99.88 percent and 99.98 percent, respectively).

Summary Table III.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the country. The percentages of both sheep and goats kept for mutton and meat are significantly higher for males. Moreover, the data reveals that female sheep and female goats are primarily kept for breeding purposes. Among the sheep flock two years and older (51% of the total sheep), 48.27 percent are kept for breeding; about two percent for mutton and less than one percent of the sheep were kept for wool production. Likewise, amid the goat population aged two years and older (48.22% of the total), goats kept for breeding accounted for about 41.4 percent while goats kept for meat accounted for about 3.37 percent. The number of goats kept for milk at country level is estimated to be about half a million, which is 3.01 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

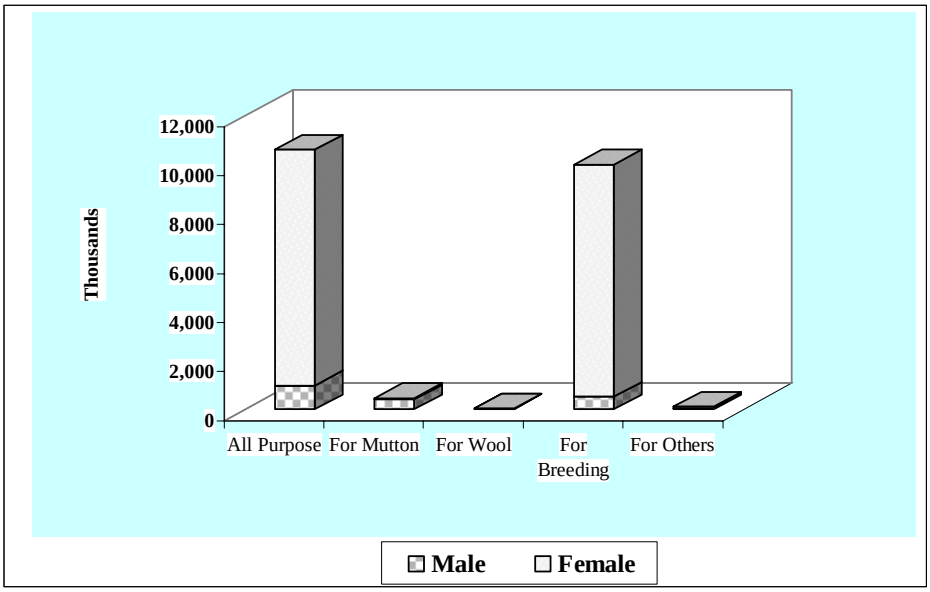
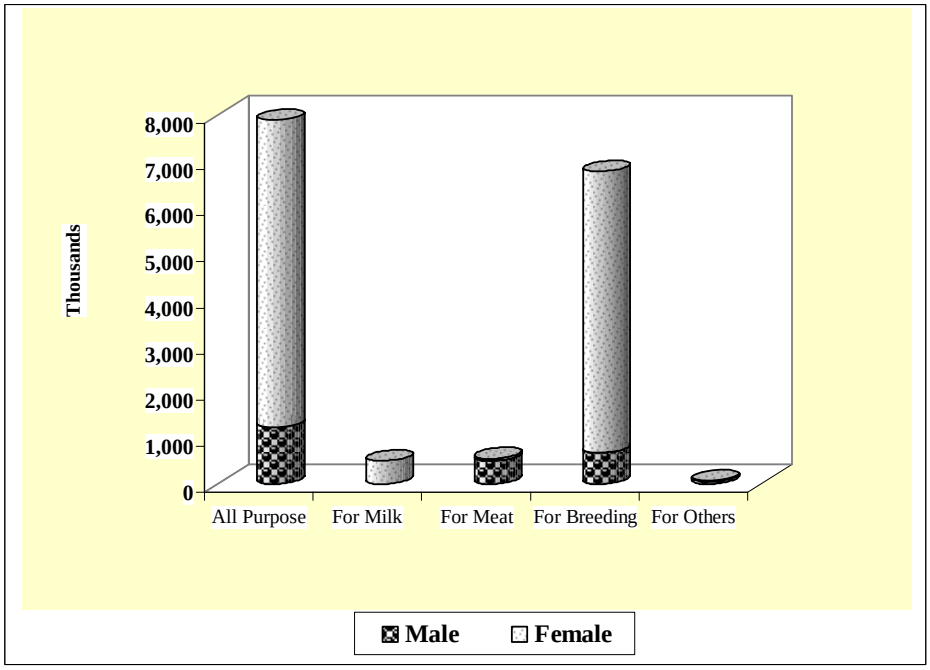


FIGURE III.5 DISTRIBUTION OF GOATS AGED 2 YEARS AND OLDER BY SEX, AND PURPOSE



The numbers and percentage distributions of sheep and goats at regional level are given in the *Statistical Tables* and look at also 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 1.57 million horses, 4.29 million donkeys, 0.34 million mules, and 0.44 million camels in the sedentary areas of the country.

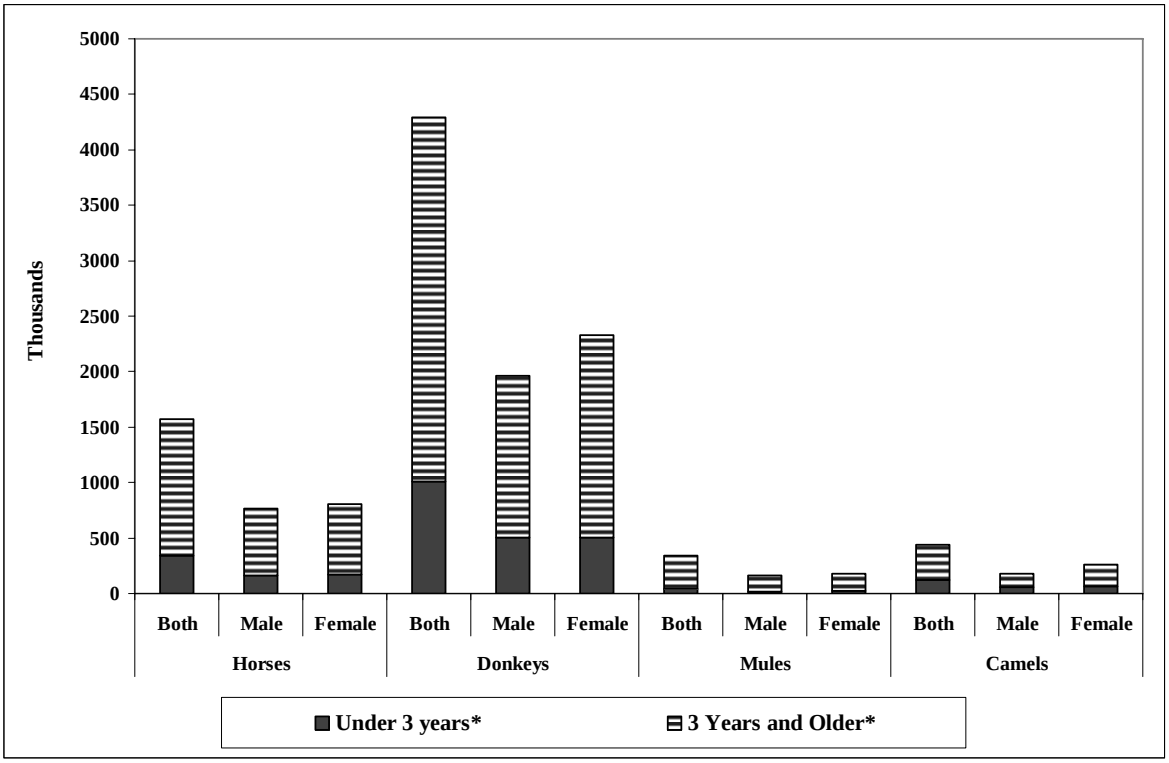
As indicated in the same table, donkeys are the overwhelming majority compared with the other draught animals. Out of the total donkey population in the country, about 54 percent are females and the remaining 46 percent are males. With respect to age distribution, the majorities of the horses, donkeys and mules are of the age group 3 years and older. Furthermore, 72.8 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 0.87 million were used for transportation, 0.16 million were for draught and the remaining 0.21 million were used for other purposes. With regard to donkeys, about 2.51 million were used for transportation whereas about 0.64 million and 0.13 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 - 2005/06

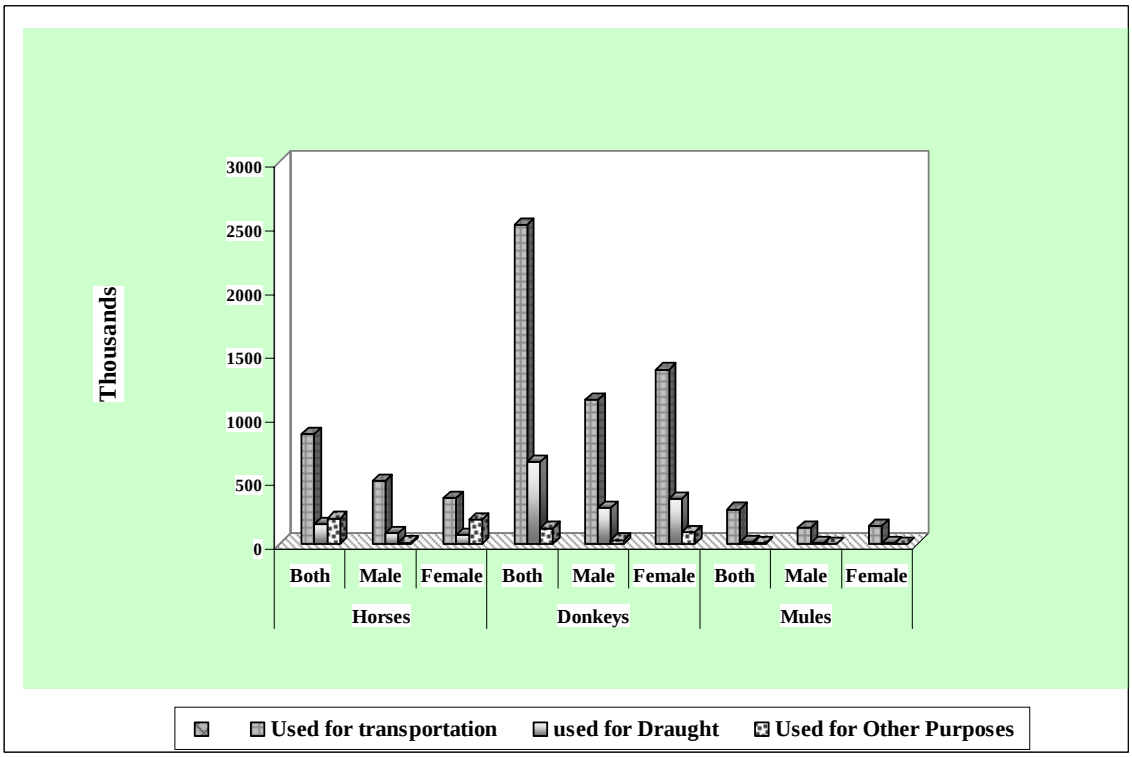
Age, Breed, and Purpose	Total		Male		Female	
	Number	%	Number	%	Number	%
Total Horses	1,569,350	100	762,937	48.61	806,413	51.39
Under 3 Years	339,214	21.61	164,853	10.5	174,361	11.11
3 years and older	1,230,136	78.39	598,085	38.11	632,052	40.27
Horses Aged 3 Years and Older by Purpose						
All Uses	1,230,136	78.39	598,085	38.11	632,052	40.27
Transportation	865,041	55.12	500,043	31.86	364,998	23.26
Draught	160,065	10.2	85,892	5.47	74,173	4.73
Other Uses	205,030	13.06	12,150	0.77	192,880	12.29
Total Donkeys	4,289,344	100	1,963,716	45.78	2,325,628	54.22
Under 3 Years	1,008,845	23.52	506,931	11.82	501,914	11.7
3 years and older	3,280,498	76.48	1,456,784	33.96	1,823,714	42.52
Donkeys Aged 3 Years and Older by Purpose						
All Uses	3,280,498	76.48	1,456,784	33.96	1,823,714	42.52
Transportation	2,508,403	58.48	1,135,289	26.47	1,373,113	32.01
Draught	644,733	15.03	286,430	6.68	358,304	8.35
Other Uses	127,362	2.97	35,065	0.82	92,297	2.15
Total Mules	340,636	100	164,507	48.29	176,129	51.71
Under 3 Years	41,121	12.07	19,385	5.69	21,735	6.38
3 years and older	299,515	87.93	145,122	42.6	154,394	45.33
Mules Aged 3 Years and Older by Purpose						
All Uses	299,515	87.93	145,122	42.6	154,394	45.33
Transportation	274,943	80.71	131,954	38.74	142,989	41.98
Draught	17,017	5	8,690	2.55	8,327	2.44
Other Uses	7,556	2.22	4,478	1.31	3,078	0.9
Total Camels	437,606	100	179,291	40.97	258,315	59.03
Under 4 Years	119,201	27.24	57,373	13.11	61,828	14.13
4 years and older	318,405	72.76	121,919	27.86	196,487	44.9
Camels Aged 4 Years and Older by Purpose						
All Uses	318,405	72.76	121,919	27.86	196,487	44.9
Meat	5,256	1.2	3,959	0.9	1,297	0.3
Milk	129,583	29.61			129,583	29.61
Transportation	107,806	24.64	97,654	22.32	10,152	2.32
Draught	5,265	1.2	4,043	0.92	*	*
Other Uses	70,495	16.11	16,263	3.72	54,232	12.39

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



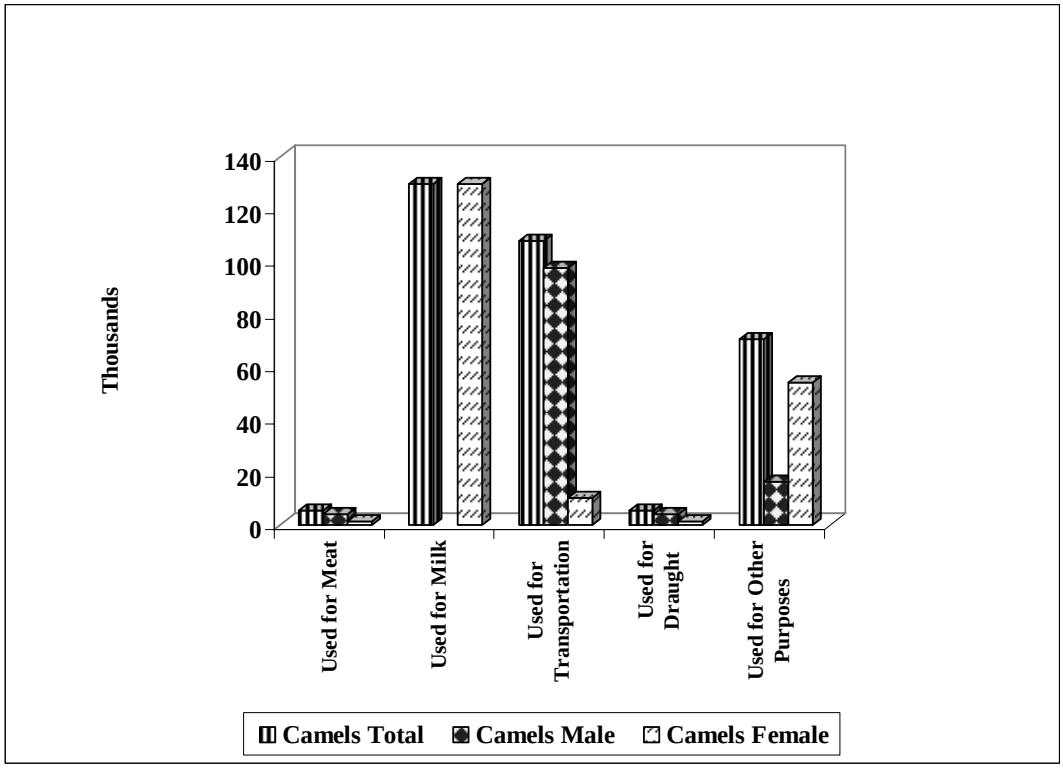
* Note that for camels the 'Age Categories' are under 4 years and 4 years & older

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



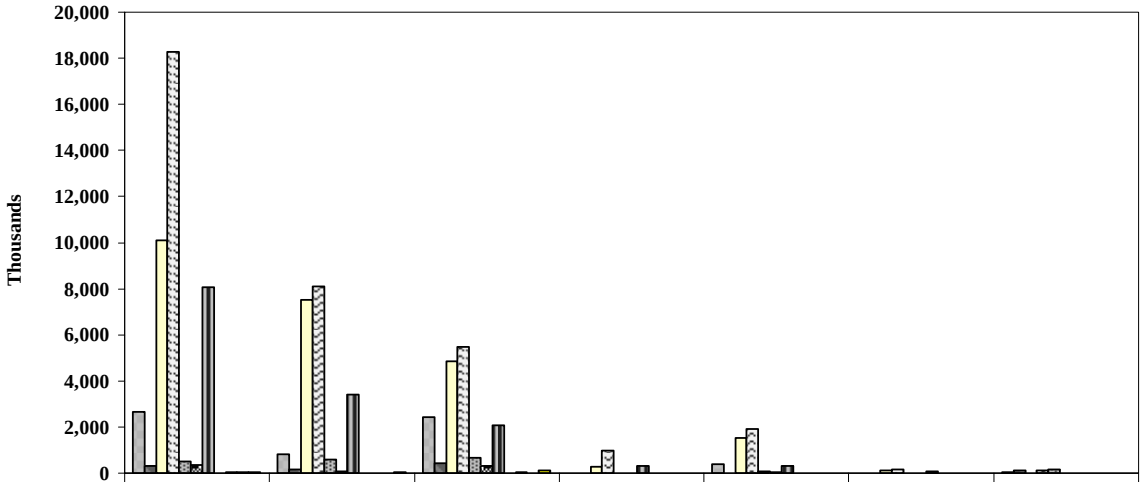
Considering the purpose of the mules, the data shows that the predominance was used for transportation and very few were intended for draught and other purposes. The survey result also indicates that 29.6 percent of the camels reported were kept for milk, 24.6 percent were for transportation, and only 1.2 percent was for draught purposes. On the other hand, the number of camels kept for meat was about 5.3 thousand heads (see also Figures III.6 to III.8).

FIGURE III.8 DISTRIBUTION OF CAMELS BY PURPOSE AND SEX



For the regional and zonal distributions of draught animals refer to the statistical tables presented at the end of this chapter and Figure III.9.

FIGURE III.9 DISTRIBUTION OF LIVESTOCK BY REGION



	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels
Tigray	2,646,240	814,472	2,412,633	1,894	389,556	7,901	33,761
Afar	317,108	156,880	411,047	0	12,834	150	112,131
Amhara	10,090,283	7,530,899	4,866,244	289,895	1,517,152	102,580	14,678
Oromia	18,293,462	8,094,017	5,469,074	969,037	1,914,442	166,921	121,970
Somali	520,902	594,289	668,619		89,337	0	145,073
B. Gumuz	350,390	68,982	314,338		39,923	1,501	0
SNNP	8,059,610	3,404,648	2,061,136	307,104	302,951	61,135	
Gambella							
Harari	37,395	4,501	32,782	0	6,985		
Addis Ababa	26,266	11,052	4,079	437	6,078	364	0
Diredawa	38,439	54,173	124,094	0	10,083	0	6,409

Remark: Gambella Region was not covered due to security reasons and the other blank Cells in the data table represent unreliable figures.

3.1.4 Poultry Population

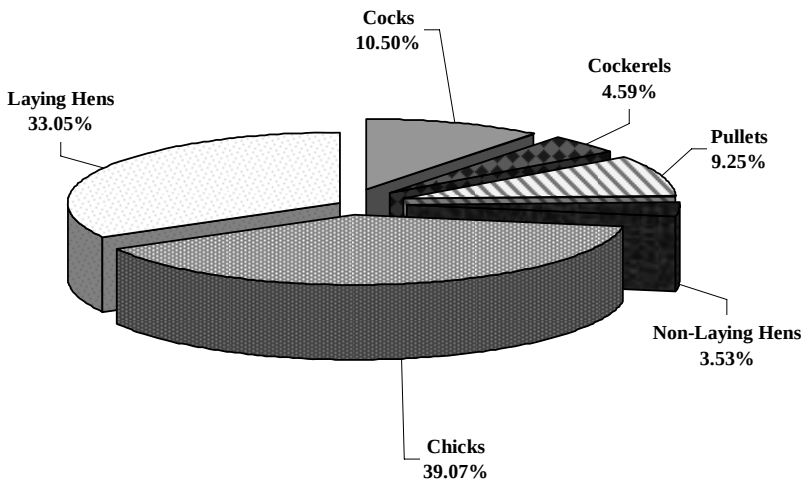
Data on poultry population are collected as part of the livestock survey, and the total poultry population at country level is estimated to be about 32 million. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and chicks. Consequently, as shown in Summary Table III.4 and Figure III.10, most of the poultry are chicks (39.07 percent), followed by laying hens (33.05 percent). Pullets are estimated to be

2.98 million in the country. Cocks and cockerels are also estimated separately, and are 3.38 million and 1.48 million, respectively. The others are non-laying hens that make up about 3.53 percent (1.14 million) of the total poultry population in the country. With regard to breed, 94.12 percent, 4.36 percent and 1.52 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 - 2005/06

Type of Poultry	All		Indigenous		Hybrid		Exotic	
	Number	%	Number	%	Number	%	Number	%
All Poultry	32,222,477	100	30,328,962	94.12	1,404,427	4.36	489,089	1.52
Cocks	3,383,645	10.5	3,162,264	9.81	161,637	0.5	59,745	0.19
Cockerels	1,478,202	4.59	1,390,445	4.32	74,159	0.23	13,598	0.04
Pullets	2,981,903	9.25	2,766,972	8.59	135,122	0.42	79,809	0.25
Non-Laying Hens	1,137,468	3.53	1,074,628	3.34	42,563	0.13	20,278	0.06
Chicks	12,590,344	39.07	12,118,507	37.61	426,062	1.32	45,775	0.14
Laying Hens.....	10,650,915	33.05	9,816,146	30.46	564,885	1.75	269,884	0.84

FIGURE III.10 DISTRIBUTION OF POULTRY BY TYPE
Total=32,222,477



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).

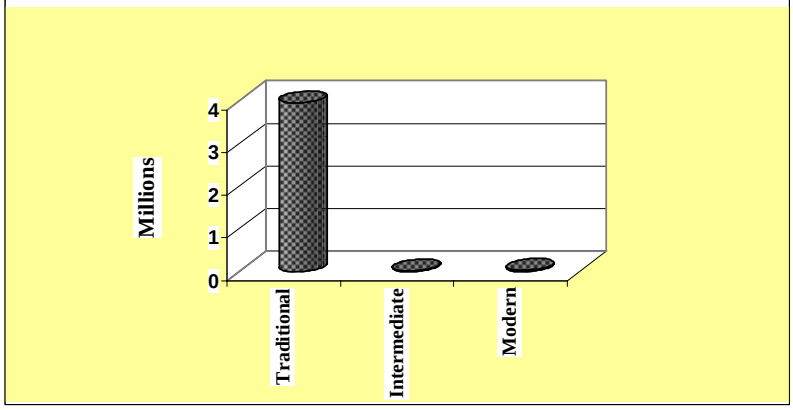
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept 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, 2004 to November 10, 2005). Accordingly, the result of the survey revealed that a total of about 4.02 million hives is estimated to be found in the rural sedentary areas of the country. From this total hives, the greater part (98.63 percent) is reported to be traditional (see Summary Table III.5).

SUMMARY TABLE III.5: Estimated Number of Beehives by Type, Ethiopia - 2005/06

Type of Beehive	Number	%
All Beehives	4,020,410	100
Traditional Beehives	3,965,494	98.63
Intermediate Beehives	18,713	0.47
Modern Beehives.....	36,202	0.90

FIGURE III.11 DISTRIBUTION OF BEEHIVES BY TYPE
Total=4,020,400



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 38 million chickens, 9 million sheep, 7.5 million cattle and 7 million goats were born during the reference period in the rural sedentary and settlement 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 13.6 million animals (either to build their stock or for some other reasons) and acquired about 1.4 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 - 2005/06

Type of Livestock	Number of Births			Number of Purchases			Acquired by any Other Means		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Cattle ……	7,508,391	3,654,611	3,853,780	2,914,972	1,750,035	1,164,937	481,520	219,562	261,958
Sheep…..……	9,190,361	4,352,930	4,837,430	3,210,323	1,388,318	1,822,005	343,378	68,269	275,109
Goats …..……..	6,992,088	3,278,141	3,713,947	1,471,832	389,936	1,081,896	216,995	48,234	168,761
Horses …..……..	134,185	67,417	66,768	251,190	155,200	95,990	13,410	3,378	10,031
Donkeys …..……..	355,596	181,243	174,353	432,518	247,985	184,533	19,132	6,634	12,498
Mules……	20,637	11,352	9,285	54,366	28,120	26,245	1,676	*	1,091
Camels……	47,879	19,999	27,880	19,628	15,554	4,074	2,080	553	*
Poultry ……	38,390,270	17,587,413	20,802,858	5,211,492	1,922,903	3,288,590	328,859	75,870	252,989

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 7.56 million chickens, 4.5 million sheep, 3.7 million cattle and 2.6 goats were sold and about 10.88 million animals (chicken, cattle, sheep, goats and camels) were slaughtered by households during the reference period. The estimated number of deaths is about 36 million animals and households have also offered 1.06 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 - 2005/06

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	3,725,171	2,291,783	1,433,388	296,888	162,519	134,369	3,209,736	1,432,158	1,777,579	359,371	151,448	207,923
Sheep	4,544,756	2,469,426	2,075,330	1,971,427	1,522,216	449,211	3,273,934	1,070,910	2,203,024	259,620	*	126,168
Goats	2,586,885	1,314,112	1,272,773	1,029,116	737,675	291,441	3,023,673	1,081,597	1,942,075	128,451	36,686	91,765
Horses	191,829	128,167	63,662				167,556	83,199	84,312	*	2,030	*
Donkeys	259,106	154,629	104,477				259,872	123,941	135,932	9,121	3,859	5,263
Mules	34,678	18,077	16,601				25,905	14,356	11,549	*	*	*
Camels	19,795	16,091	3,704	6,935	4,468	2,468	28,308	11,622	16,686	1,228	*	*
Poultry	7,562,891	4,014,050	3,548,841	7,578,254	4,558,060	3,020,194	26,294,404	11,001,969	15,292,435	306,183	98,080	208,103

* 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 and resettlement areas of the country during the reference period, is about 2.32 billion liters. On the other hand, the estimate of camel milk for the same areas of the country is about 95.79 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 1.357

liters. With regard to camel, the average lactation period is about *eleven* months whereas the average daily milk yield is about 3.667 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 41.58 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 1.49, 1.39, and 1.36 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 67.46 million (Summary Table III.8). Average egg-laying period per hen and average number of eggs laid per hen during the reference period are also estimated for local, hybrid and exotic breeds. Consequently, the average number egg-laying period per hen per year is about *four, five* and *one* for the local, hybrid and exotic breeds, respectively. The average length of a single egg-laying period per hen is estimated to be about 20, 38 and 102 days for local, hybrid and exotic breeds, in that order. The average number of eggs laid per hen per egg- laying period in the country is about 12, 32 and 98 eggs, correspondingly (see Summary Table III.8)

SUMMARY TABLE III.8: Milk, Honey, and Egg Production, Ethiopia - 2005/06

Item	Quantity Produced and Frequency		
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)...			1.357
Average Lactation Period (Months)			6
Total Milk Production (Liters)			2,321,143,253
Camel Milk			
Average Daily Milk Production (Liters/Camel)...			3.667
Average Lactation Period (Months)			11
Total Milk Production (Liters)			95,793,359
Honey Production			
All Types of Beehives (Number)……..			4,020,410
Production (Kilograms)			41,579,435
Average Frequency (Harvests/Year)			1.49
Traditional Beehives (Number)……			3,965,494
Production (Kilograms)			40,657,751
Average Frequency (Harvests/Year)			1.49
Intermediate Beehives (Number)…….			18,713
Production (Kilograms)			242,957
Average Frequency (Harvests/Year)			1.39
Modern Beehives (Number)…….			36,202
Production (Kilograms)			678,727
Average Frequency (Harvests/Year)			1.36
Egg Production	Indigenous	Hybrid	Exotic
Average Number of Egg-laying Period/Year…….	4	5	1
Average Length of a Period (in days)…….	20	38	102
Average Number of Eggs/Hen/Period……	12	32	98
Total Egg Production (Number)……	57,495,330	7,395,384	2,568,899

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 - 2005/06

Type of Livestock	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Cattle	8,589,825	3,409,419	2,728,383	900,339	1,237,421	1,417,101
Sheep	1,490,408	247,237	162,964	444,116	224,852	506,772
Goats	1,555,209	228,020	139,684	335,798	489,004	389,604
Horses, Donkeys, and Mules.	624,033	152,876	86,561	62,685	58,914	253,070
Camels	35,941	5,332	*	19,851	*	2,096
Poultry	183,308					

SUMMARY TABLE III.9b: Estimated Numbers of Livestock Afflicted and Treated, Ethiopia - 2005/06

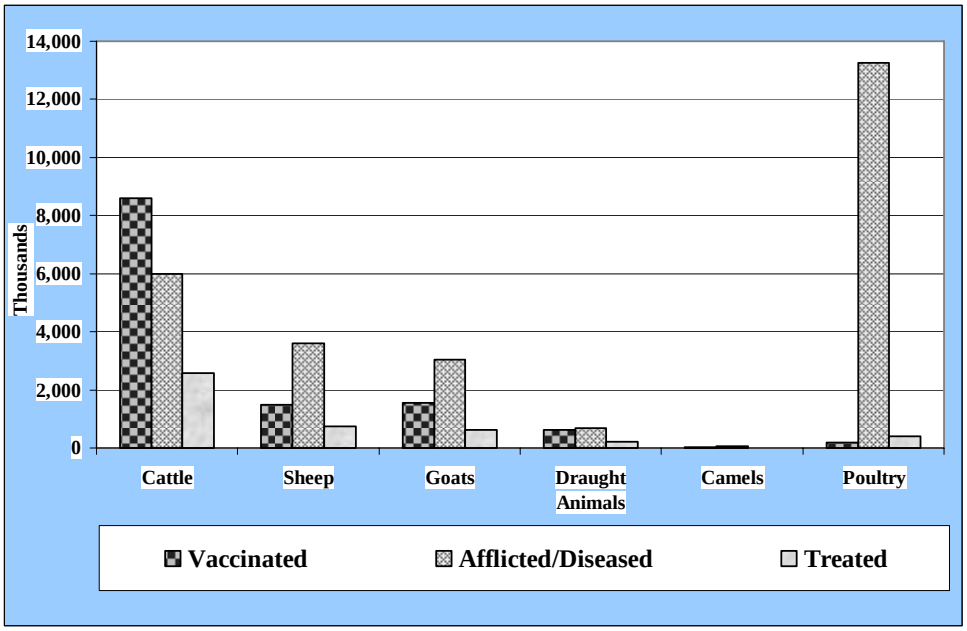
Item	Number	%
Total Afflicted	26,596,233	100
Cattle	5,982,429	22.49
Sheep	3,588,059	13.49
Goats	3,044,692	11.45
Horses, Donkeys, and Mules.	678,276	2.55
Camels	54,876	0.21
Poultry	13,247,901	49.81
Total Treated	4,607,537	100
Cattle	2,590,590	56.23
Sheep	735,931	15.97
Goats	627,380	13.62
Horses, Donkeys, and Mules.	227,698	4.94
Camels	14,623	0.32
Poultry	411,315	8.93

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 12.48 million. Out of these animals, about 68.8 percent were cattle followed by goats, which took about 12.46 percent share. Sheep and draught animals (horses, donkeys, and mules) also accounted for about 11.94 percent, and 5 percent of the total vaccinated animals, respectively. The estimated number of vaccinated camels in the country is about 35.9 thousand, which is only 0.29 percent of the total vaccinated animals.

As indicated in Summary Tabel III.9b, about 26.6 million animals were diseased / afflicted by different types of diseases during the reference period and only 4.6 million of them were treated. The cattle constituted about 56.23 percent of the total treated animals in the country and substantial numbers of sheep and goats were treated as well (see Summary

Table III.9b). For the regional and zonal distributions refer to the statistical tables presented at the end of this chapter.

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



3.6 NUMBER OF HOLDINGS BY SIZE OF LIVESTOCK*

Concerning the number of holdings by size of livestock, the summary results for cattle, sheep, goats, draught animals, and poultry are given in the following tables (Summary Table III.10a – d).

Most of the holdings, about 53.5 percent, reported one to four cattle and considerable portion (about 22 percent) of the holdings possess five to nine cattle. About 18.7 percent of the total holdings were also without cattle during the reference date (Summary Table III.10a).

* 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 - 2005/06

Size	Number of Holdings	%
All Holdings……	11,334,016	100
Holdings with no Cattle…	2,122,788	18.73
1-2 Head……	3,050,151	26.91
3-4 Head……	3,013,547	26.59
5-9 Head……	2,489,451	21.96
10-19 Head……	571,917	5.05
20-49 Head……	80,515	0.71
50-99 Head……	5,077	0.04
100-199 Head……	570	0.01
>=200 Head……..	-	-

The result of the survey also revealed that about 24 percent and 17 percent of the total holdings were with one to four head of sheep and goats, in that order. The majority of the holdings, about 62 percent and about 72 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 – 2005/06

Size	Sheep		Goats	
	Number Of Holdings	%	Number of Holdings	%
All Holdings……..	11,334,016	100	11,334,016	100
Holdings with no Sheep/Goats.	7,059,386	62.28	8,161,647	72.01
1-4 Head……..	2,716,903	23.97	1,948,297	17.19
5-9 Head……..	1,079,602	9.53	840,176	7.41
10-49 Head……..	474,623	4.19	375,442	3.31
50-99 Head……..	2,713	0.02	7,420	0.07
100-199 Head……..	789	0.01	1,034	0.01
200-499 Head……..	-	-	-	-
>=500 Head…….	-	-	-	-

With regard to drought animals, from the holdings that owned draught animals, most of them were with one to two head. About 99 percent, 97 percent, 91 percent, and 73 percent of the total holdings were with no camel; no mule, no horse, and no donkey, respectively (see Summary Table III.10c).

Summary Table III.10c: Number of Holdings by Size of Draught Animals, Ethiopia - 2005/06

Size	Horses		Donkeys		Mules		Camels	
	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%	Number of Holdings	%
All Holdings……..	11,334,016	100	11,334,016	100	11,334,016	100	11,334,016	100
Holdings with no Animals.	10,335,782	91.19	8,282,327	73.07	11,019,162	97.22	11,221,134	99
1-2 Head……..	877,747	7.74	2,853,334	25.17	311,917	2.75	72,228	0.64
3-4 Head……..	105,474	0.93	180,984	1.6	2,540	0.02	18,328	0.16
5-9 Head……..	14,721	0.13	17,302	0.15	397	0.0	13,781	0.12
>= 10 Head……..	292	0.00	69	0.0	-	-	8,545	0.08

The size of poultry that most holdings reported is the one to nine size group followed by the 10 to 49 size group. Sizeable (45.59 percent) holdings were also without poultry (see Summary Table III.10d).

Summary Table III.10d: Number of Holdings by size of Poultry, Ethiopia - 2005/06

Size	Number of Holdings	%
All Holdings……..	11,334,016	100
Holdings with no Poultry…	5,166,664	45.59
1-9 Head…….	5,217,523	46.03
10-49 Head…….	949,306	8.38
50-99 Head…….	523	0.0
100-199 Head…….	-	-
200-499 Head…….	-	-

3.7 ANIMAL FEED

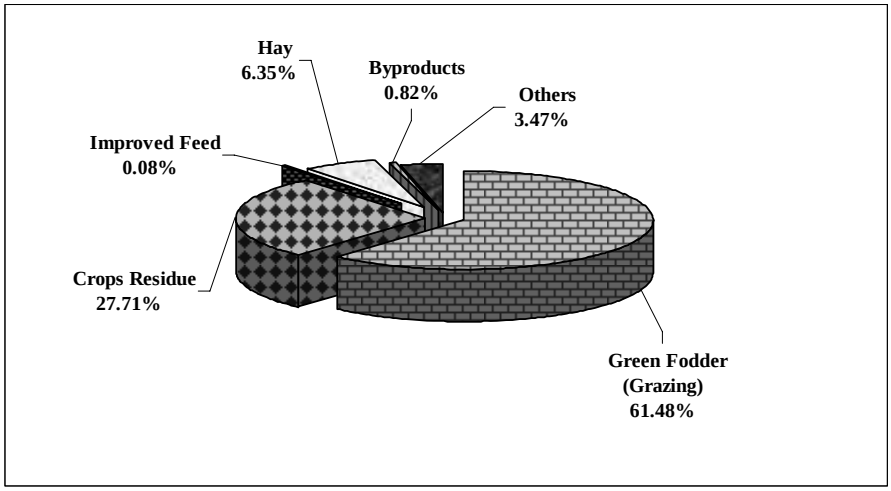
Data on animal feed practices of holders in the rural sedentary areas of the country were gathered to assess the feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds.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

According to the information collected on feed usage experience of holders in the rural areas of the country, green fodder (grazing) is the major type of feed (about 61.48 percent) followed by crops residue that is 27.71 percent. Hay and by-products were also used as animal feeds that comprise about 6.35 and 0.82 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 0.08 percent) was used as animal feed and other types of feed that accounted for about 3.47 percent were also used in the country.

SUMMARY TABLE III.11: Animal Feed Practices in Ethiopia - 2005/06

Item	Number of Holders Reporting	Percentage from the total feed utilized
Total		100
Green Fodder/Grazing	9,987,508	61.48
Crops Residue	8,411,280	27.71
Improved Feed	45,620	0.08
Hay	2,932,179	6.35
By-products.....	724,340	0.82
Others	2,638,238	3.47

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 9.98 million holders have used green fodder to feed their animals. Significant number of holders (about 8.4 million) in the rural areas of the country also reported that they used to feed crops residue for their animals. Moreover, about 2.92 million, and 0.72 million holders have reported to use hay and by-products, respectively. Quite a number of holders (about 2.6 million) as well reported using other types of feeds while about 46 thousand holders reported to use the improved feed.

Sources of animal feeds were also assessed and most holders used their own holding as a source to all feeds except for grazing. According to the survey result, communal holdings were the major source of green fodder for the majority of the holders during the reference period. Considerable number of holders has 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 - 2005/06

Source of Feed	Green fodder/ Grazing	Crops Residue	Improved Feed	Hay	By-products	Others
All Sources…….	9,978,680	8,399,834	44,427	2,922,676	718,815	2,613,116
Own Holding……	3,458,601	7,502,437	33,315	1,973,588	357,731	1,772,621
Purchased…….	203,319	136,133	6,562	437,272	318,219	394,747
Communal Holdings/Government	3,462,438	78,089	2,712	63,905	1,528	59,086
From any Two or More Sources...	2,610,791	566,358	1,137	406,133	23,134	205,927
Other Sources……..	243,531	116,817	701	41,778	18,203	180,735

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 228 thousand holders (i.e. only two percent of the total holders) were involved in livestock extension packages during the reference period. More than half of these holders were involved in poultry development package. Some holders were also engaged in dairy, beef and honey development packages. Few 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 - 2005/06

Type of Livestock Extension Packages	Number of Holders Practiced	%
Total ……	227,903	100
Dairy Development Package…….	37,783	16.58
Beef/Meat/Mutton Development Package…….	29,646	13.01
Poultry Development Package……..	123,736	54.29
Honey and Wax Development Package……	23,172	10.17
Two or More of the Packages……	13,566	5.95

STATISTICAL TABLES PRESENTING RESULTS AT ZONE AND REGION LEVEL

PART I – ESTIMATES FOR USUAL SEDENTARY RURAL AREAS

TABLES 3.1–3.30

Part I – Usual Sedentary Rural Areas

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

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Ethiopia	40,281,110	20,721,562	16,248,899	1,569,318	4,280,542	340,572	436,622	32,032,199	4,012,515
Tigray	2,622,166	813,546	2,399,808	1,894	387,389	7,901	32,777	3,131,239	182,341
North West Tigray	697,959	79,000	824,966	*	66,199	*	5,219	789,638	33,906
Central Tigray	592,961	213,888	844,113	-	102,220	2,257	6,814	934,123	48,663
Eastern Tigray	291,405	338,565	169,232	*	70,681	*	*	420,529	39,576
Southern Tigray	616,556	157,611	306,510	*	115,251	2,948	16,909	586,680	46,180
Western Tigray	423,285	*	254,986	*	33,037	1,001	1,963	400,269	14,016
Afar	317,108	156,880	411,047	-	12,834	150	112,131	49,429	447
Zone 1	119,954	47,393	122,518	-	*	-	*	817	*
Zone 3	197,154	109,487	288,529	-	10,292	150	93,051	48,612	434
Amhara	10,077,301	7,530,518	4,856,472	289,895	1,513,891	102,580	14,678	9,400,917	791,661
North Gonder	1,738,274	625,277	1,114,883	38,777	199,659	12,744	*	2,137,788	175,788
South Gonder	1,209,617	759,047	523,517	21,705	172,485	16,139	-	990,287	98,399
North Wolo	808,510	646,663	619,610	15,870	137,916	13,678	5,225	979,818	55,834
South Wolo	1,404,928	1,926,023	770,052	39,369	273,783	19,867	*	1,417,326	82,102
North Shewa	1,115,344	1,332,610	662,213	43,473	272,665	11,124	*	1,151,952	53,181
East Gojam	1,194,047	1,187,431	245,314	61,748	181,315	10,321	-	622,652	80,829
West Gojam	1,373,260	613,609	274,139	15,480	153,629	12,326	*	1,147,231	118,663
Waghamera	249,217	67,728	367,523	*	45,177	1,772	-	254,309	46,932
Awi	708,180	340,888	130,485	53,100	49,091	4,113	-	467,490	68,078
Oromia	275,925	31,241	148,737	*	28,172	*	5,506	232,063	11,855
Oromia	18,247,970	8,084,573	5,383,640	969,037	1,911,225	166,921	121,970	12,226,799	2,155,768
West Wellega	1,103,436	419,379	112,394	*	109,104	9,459	-	1,388,427	491,599
East Wellega	1,419,897	410,139	179,238	48,913	108,685	11,469	-	894,843	197,854
Illubabor	757,851	353,880	100,740	34,317	13,912	10,365	-	705,480	374,261
Jimma	1,856,632	820,764	240,997	87,297	54,970	28,812	-	1,480,476	338,262
West Shewa	1,728,925	1,051,199	236,991	174,410	125,486	9,828	-	908,623	165,390
North Shewa	1,176,407	1,097,904	176,218	98,282	174,029	5,155	-	501,426	36,281
East Shewa	1,402,079	389,421	588,092	12,020	294,701	8,516	*	1,088,041	28,217
Arsi	2,443,210	1,638,457	448,849	227,326	307,648	32,192	*	1,365,259	128,947
West Harerghe	844,219	175,205	741,514	*	145,765	2,509	15,789	1,006,851	50,635
East Harerghe	927,256	325,452	889,342	*	167,528	*	*	976,583	58,125
Bale	1,732,326	717,454	626,174	150,801	189,914	19,301	21,655	567,696	112,311
Borena	1,170,157	190,731	595,738	2,036	63,024	4,690	38,804	374,562	60,865
South West Shewa	740,129	191,041	183,195	20,855	116,421	13,173	-	535,750	44,429
Guji	945,445	303,547	264,156	104,563	40,039	11,170	*	432,782	68,592

TABLE 3-1 CONT'D

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Somale	520,902	594,289	668,619	*	89,337	-	145,073	92,489	*
Shinele	12,322	32,502	74,213	-	2,844	-	4,717	3,907	-
Jijiga	370,063	416,193	361,636	*	63,971	-	55,575	54,388	*
Liben	138,517	145,594	232,770	-	22,523	-	84,781	34,194	*
Benshangul-Gumuz	350,390	68,931	314,277	*	39,923	1,501	-	635,634	153,829
Metekel	240,883	42,085	114,281	*	17,272	1,048	-	246,844	87,346
Asosa	68,927	13,167	152,480	-	17,664	*	-	295,511	51,857
Kemeshi	40,580	13,680	47,516	-	4,987	239	-	93,280	14,626
SNNP	8,043,173	3,403,098	2,054,080	307,104	302,798	61,135	*	6,391,051	720,692
Gurage	886,657	303,003	118,585	54,359	41,246	2,108	-	554,514	37,153
Hadiya	637,157	237,027	112,961	18,715	46,365	10,161	-	681,803	43,264
Kembata Tembaro	289,498	109,121	41,075	7,669	21,926	1,804	-	274,143	17,177
Sidama	1,488,065	390,097	193,173	65,031	41,048	3,366	*	803,856	54,887
Gedio	124,734	171,268	9,410	23,578	2,408	4,454	-	152,042	17,860
Wolayita	811,119	181,084	120,000	*	34,690	1,605	-	655,280	16,006
South Omo	481,145	353,483	556,492	9,772	6,072	3,041	-	350,004	68,977
Shaka	83,858	49,128	8,455	3,921	1,380	*	-	116,245	84,998
Kaffa	614,605	376,268	102,293	53,419	*	12,781	-	577,441	193,954
Gamo Gofa	939,980	478,036	226,250	30,904	11,887	6,002	-	573,071	52,353
Bench Maji	360,961	174,823	41,030	12,537	*	2,234	-	483,084	49,571
Yem Sp. Wereda	51,196	24,990	19,256	411	2,652	113	-	35,818	6,982
Amaro Sp. Wereda	95,735	50,835	43,548	3,007	1,059	1,293	-	60,163	4,350
Burji Sp. Wereda	32,528	3,128	24,242	-	3,603	*	-	24,919	739
Konso Sp. Wereda	89,426	81,837	134,253	-	3,824	-	-	109,341	11,075
Derashe Sp. Wereda	74,677	11,954	67,589	*	8,062	*	-	97,176	4,934
Dawro	300,702	99,014	45,448	5,549	3,317	4,405	-	154,894	20,278
Basketo Sp. Wereda	25,449	13,267	4,222	292	*	529	-	41,305	1,648
Konta Sp. Wereda	57,628	16,711	8,556	895	*	613	*	57,974	9,348
Silte	477,158	242,693	128,662	14,628	55,062	5,579	*	484,736	19,485
Alaba Sp. Wereda	120,893	35,330	48,582	1,973	16,900	513	-	103,241	5,653
Harari	37,395	4,501	32,782	-	6,985	*	*	33,329	596
Hundene	37,395	4,501	32,782	-	6,985	*	*	33,329	596
Addis Ababa	26,266	11,052	4,079	437	6,078	364	-	22,156	391
Zone 3	17,906	7,916	2,801	279	3,772	149	-	14,789	139
Zone 6	8,360	3,136	1,278	159	2,306	215	-	7,367	252
Dire Dawa	38,439	54,173	124,094	-	10,083	-	6,409	49,157	734

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	40,281,110	1,847,965	1,528,540	2,791,982	11,201,215	675,956	1,949,047	1,644,580	3,498,504	14,498,869	644,452
Tigray	2,622,166	119,256	88,128	183,743	815,727	82,842	134,001	86,278	193,175	861,656	57,359
North West Tigray	697,959	32,861	26,076	50,163	183,748	23,285	39,642	29,257	60,891	230,880	21,157
Central Tigray	592,961	22,122	16,864	40,223	228,888	20,035	24,378	15,559	35,433	178,921	10,538
Eastern Tigray	291,405	11,271	8,890	23,627	95,264	6,347	12,866	7,602	22,716	98,350	4,473
Southern Tigray	616,556	26,509	15,896	39,618	217,167	20,731	28,290	12,944	42,341	205,435	7,626
Western Tigray	423,285	26,494	20,402	30,112	90,661	12,444	28,826	20,917	31,794	148,070	13,565
Afar	317,108	16,041	13,008	13,978	26,990	1,579	27,369	24,780	33,779	156,106	3,477
Zone 1	119,954	4,297	4,302	5,221	7,686	*	11,408	9,302	14,951	59,856	*
Zone 3	197,154	11,744	8,706	8,757	19,304	803	15,961	15,478	18,829	96,250	1,323
Amhara	10,077,301	395,746	280,626	689,129	3,511,962	310,105	420,559	307,408	759,769	3,204,574	197,424
North Gonder	1,738,274	81,262	56,102	141,246	503,908	41,825	90,025	65,891	138,463	578,961	40,592
South Gonder	1,209,617	43,287	36,885	89,901	407,720	52,836	46,290	36,753	91,372	367,786	36,786
North Wolo	808,510	32,620	25,516	49,187	289,260	7,065	33,148	29,017	59,667	273,890	9,142
South Wolo	1,404,928	66,539	38,150	95,695	526,825	6,086	64,378	31,354	103,720	465,837	6,345
North Shewa	1,115,344	36,050	30,426	78,018	446,521	42,924	33,691	35,101	83,043	309,530	20,040
East Gojam	1,194,047	40,182	23,725	69,593	450,295	66,726	49,276	25,656	87,319	355,171	26,106
West Gojam	1,373,260	47,869	31,716	82,831	512,910	68,728	45,891	37,026	94,937	417,528	33,824
Waghamera	249,217	9,944	7,705	16,109	81,507	5,223	12,984	9,518	19,401	82,516	4,310
Awi	708,180	25,077	20,830	51,261	212,882	15,297	29,689	23,824	57,455	256,348	15,516
Oromia	275,925	12,915	9,571	15,289	80,135	3,395	15,190	13,267	24,391	97,008	4,764
Oromia	18,247,970	855,027	748,710	1,269,717	5,089,121	243,173	895,430	796,952	1,605,414	6,502,801	241,625
West Wellega	1,103,436	42,536	52,597	74,177	345,397	4,470	44,799	59,795	88,952	381,736	8,977
East Wellega	1,419,897	60,273	54,180	98,019	437,114	18,910	58,041	60,862	128,912	484,264	19,322
Illubabor	757,851	28,446	34,020	59,901	231,601	4,250	35,310	33,030	63,235	260,635	7,422
Jimma	1,856,632	79,877	60,743	140,021	587,740	6,709	86,661	67,793	176,764	639,487	10,837
West Shewa	1,728,925	74,747	55,994	124,853	511,468	61,348	84,952	61,366	140,480	582,615	31,102
North Shewa	1,176,407	53,695	37,930	68,095	395,397	17,624	55,049	45,436	101,936	386,775	14,469
East Shewa	1,402,079	60,201	56,896	96,882	438,811	33,281	64,258	63,616	104,769	471,182	12,184
Arsi	2,443,210	118,484	87,598	150,743	753,076	42,001	130,001	80,707	199,368	836,836	44,397
West Harerghe	844,219	60,433	37,151	63,208	215,214	*	45,188	47,338	81,535	278,881	13,489
East Harerghe	927,256	57,984	40,544	97,593	145,223	*	52,732	39,519	111,992	364,982	16,154
Bale	1,732,326	74,633	83,239	108,528	412,220	13,529	87,887	80,554	149,590	689,474	32,672
Borena	1,170,157	69,591	68,562	76,820	182,964	4,331	79,089	72,629	113,722	492,556	9,894
South West Shewa	740,129	23,643	28,951	45,577	267,297	33,377	26,287	33,094	50,540	219,268	12,095
Guji	945,445	50,481	50,304	65,300	165,599	*	45,175	51,213	93,619	414,113	8,613

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	520,902	42,696	21,108	34,610	73,522	*	50,379	23,991	47,403	219,995	5,059
Shinele	12,322	718	732	748	1,244	14	734	722	1,419	5,658	332
Jijiga	370,063	33,407	15,737	24,386	55,189	*	37,148	16,891	31,618	150,904	*
Liben	138,517	8,572	4,640	9,476	17,089	*	12,496	6,378	14,367	63,432	1,840
Benshangul-Gumuz	350,390	18,849	16,450	28,564	90,801	3,397	17,096	17,859	36,495	116,908	3,972
Metekel	240,883	13,396	10,708	20,052	61,382	3,269	12,947	12,649	24,470	78,521	3,489
Asosa	68,927	3,677	3,182	5,104	19,772	*	2,353	3,050	7,896	23,344	420
Kemeshi	40,580	1,777	2,559	3,408	9,646	-	1,795	2,160	4,129	15,043	*
SNNP	8,043,173	395,027	356,040	562,740	1,571,542	31,633	398,372	383,240	811,577	3,398,491	134,511
Gurage	886,657	47,552	36,394	45,589	131,828	6,828	48,502	36,989	87,229	413,995	31,752
Hadiya	637,157	31,065	24,067	45,788	162,674	3,768	29,404	23,696	53,878	254,120	8,698
Kembata Tembaro	289,498	9,552	12,398	22,710	59,274	2,063	11,873	14,065	27,520	125,209	4,834
Sidama	1,488,065	88,417	67,964	79,714	109,488	*	88,316	78,918	177,539	747,639	48,370
Gedio	124,734	4,443	5,868	12,461	29,345	*	3,043	4,472	11,367	52,657	*
Wolayita	811,119	32,255	41,549	74,522	168,406	*	35,024	46,885	88,511	311,559	8,883
South Omo	481,145	23,079	18,149	34,649	103,607	*	23,526	23,475	49,875	192,639	8,152
Shaka	83,858	3,358	6,437	5,887	16,466	*	4,439	5,856	7,782	33,225	*
Kaffa	614,605	34,044	32,431	43,925	159,024	*	32,902	30,167	55,155	220,673	4,900
Gamo Gofa	939,980	43,768	42,231	70,757	187,939	*	39,696	49,564	98,960	396,890	8,651
Bench Maji	360,961	21,686	16,035	26,503	74,044	*	22,593	16,559	35,186	146,509	*
Yem Sp. Wereda	51,196	1,202	1,498	3,212	18,372	553	1,791	1,125	3,486	19,515	443
Amaro Sp. Wereda	95,735	4,671	3,683	7,149	26,656	*	4,573	2,934	7,329	38,465	*
Burji Sp. Wereda	32,528	1,271	900	1,612	13,832	*	1,451	872	2,441	9,946	*
Konso Sp. Wereda	89,426	3,255	3,342	7,437	28,425	*	3,771	3,360	7,085	31,739	465
Derashe Sp. Wereda	74,677	2,678	2,850	4,846	29,093	*	3,544	3,359	6,614	21,367	*
Dawro	300,702	14,789	14,944	27,832	53,409	*	14,285	14,347	36,083	122,523	1,305
Basketo Sp. Wereda	25,449	931	1,048	2,244	6,081	*	1,354	1,339	2,674	9,573	154
Konta Sp. Wereda	57,628	2,691	2,772	4,582	15,474	*	2,469	2,794	5,784	20,843	*
Silte	477,158	17,546	16,448	34,449	141,995	2,634	18,436	18,144	38,908	183,829	4,770
Alaba Sp. Wereda	120,893	6,773	5,031	6,870	36,109	396	7,381	4,322	8,172	45,577	262
Harari	37,395	2,268	1,907	3,748	5,523	*	2,574	1,556	4,329	15,025	443
Hundene	37,395	2,268	1,907	3,748	5,523	*	2,574	1,556	4,329	15,025	443
Addis Ababa	26,266	620	787	1,613	10,695	1,067	706	1,004	1,639	7,888	246
Zone 3	17,906	468	540	1,153	6,553	599	491	737	1,345	5,833	186
Zone 6	8,360	152	246	460	4,142	468	215	267	294	2,055	*
Dire Dawa	38,439	2,435	1,776	4,141	5,333	-	2,561	1,512	4,923	15,425	335

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	20,721,562	2,897,072	807,631	655,664	975,782	3,061,169	1,161,287	1,537,865	9,625,092
Tigray	813,546	99,164	37,194	24,639	47,317	91,455	55,048	73,037	385,692
North West Tigray	79,000	6,651	4,281	4,604	5,290	7,989	7,737	9,753	32,694
Central Tigray	213,888	25,604	10,068	8,720	14,442	22,530	18,555	20,294	93,674
Eastern Tigray	338,565	45,471	12,683	6,223	12,363	41,874	18,989	30,374	170,589
Southern Tigray	157,611	18,767	8,901	4,244	13,955	16,957	8,208	9,956	76,621
Western Tigray	*	*	*	*	*	*	*	*	*
Afar	156,880	11,061	8,193	6,644	13,698	19,105	16,693	19,735	61,750
Zone 1	47,393	3,163	2,403	2,123	3,714	6,222	5,141	5,324	19,303
Zone 3	109,487	7,897	5,790	4,521	9,985	12,883	11,552	14,411	42,447
Amhara	7,530,518	999,208	258,973	246,979	414,214	1,071,319	374,071	534,690	3,631,064
North Gonder	625,277	66,339	22,180	14,925	32,883	93,160	29,748	51,244	314,797
South Gonder	759,047	113,525	16,239	14,674	18,639	125,265	36,150	55,917	378,639
North Wolo	646,663	75,206	25,815	23,861	53,506	88,414	37,835	50,994	291,033
South Wolo	1,926,023	261,785	70,749	99,106	163,528	259,845	71,311	96,902	902,796
North Shewa	1,332,610	168,417	59,182	55,166	91,358	189,216	68,316	89,582	611,372
East Gojam	1,187,431	157,949	20,465	15,199	30,320	164,247	73,606	99,301	626,345
West Gojam	613,609	91,980	24,153	14,471	10,069	88,612	32,916	53,064	298,343
Waghamera	67,728	6,388	4,537	3,857	7,340	6,406	5,048	6,870	27,282
Awi	340,888	54,039	13,325	2,171	2,783	52,190	17,724	29,416	169,240
Oromia	31,241	3,580	2,327	3,549	3,787	3,966	1,417	*	11,217
Oromia	8,084,573	1,282,307	334,635	236,888	280,675	1,300,867	465,293	567,376	3,616,532
West Wellega	419,379	70,759	20,976	10,848	14,502	72,537	28,241	36,413	165,102
East Wellega	410,139	65,685	17,762	9,522	12,308	66,219	29,817	41,441	167,386
Illubabor	353,880	58,705	10,945	9,480	8,164	58,648	17,955	23,616	166,367
Jimma	820,764	118,946	42,702	25,717	15,560	114,531	40,031	54,666	408,610
West Shewa	1,051,199	178,849	26,081	19,763	34,712	181,682	55,041	84,637	470,434
North Shewa	1,097,904	182,046	27,568	32,693	51,762	202,534	47,953	62,614	490,734
East Shewa	389,421	52,315	13,411	12,970	20,554	62,177	23,951	25,672	178,372
Arsi	1,638,457	266,895	74,386	41,058	51,439	270,519	97,346	101,748	735,066
West Harerghe	175,205	23,831	10,424	7,848	8,222	21,077	11,183	17,193	75,426
East Harerghe	325,452	44,840	21,765	19,838	16,057	39,694	18,071	28,063	137,123
Bale	717,454	121,730	22,946	17,331	13,191	116,581	52,286	41,834	331,556
Borena	190,731	21,671	14,302	8,324	11,778	25,231	16,826	11,180	81,419
South West Shewa	191,041	30,337	16,790	13,278	9,508	25,979	9,629	16,060	69,460
Guji	303,547	45,700	14,577	8,216	12,919	43,458	16,963	22,238	139,476

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	594,289	68,604	25,350	27,461	56,061	69,414	33,187	49,308	264,906
Shinele	32,502	2,713	1,538	1,458	2,777	3,586	2,890	4,203	13,337
Jijiga	416,193	53,050	16,939	17,126	38,980	47,514	20,709	28,625	193,251
Liben	145,594	12,841	6,874	8,876	14,303	18,314	9,588	16,480	58,318
Benshangul-Gumuz	68,931	10,071	4,463	3,276	3,185	9,279	4,866	5,927	27,864
Metekel	42,085	6,292	2,388	2,012	1,761	5,808	2,550	3,225	18,050
Asosa	13,167	1,851	1,210	624	706	1,808	751	1,286	4,930
Kemeshi	13,680	1,928	866	640	718	1,663	1,565	1,416	4,884
SNNP	3,403,098	419,166	134,784	105,976	155,850	491,301	206,535	282,079	1,607,406
Gurage	303,003	47,709	8,209	6,481	6,081	48,208	15,862	30,571	139,882
Hadiya	237,027	31,462	11,906	5,748	4,724	34,541	15,865	16,126	116,655
Kembata Tembaro	109,121	12,631	7,960	7,016	4,836	17,512	5,892	9,375	43,899
Sidama	390,097	44,228	13,762	9,151	13,343	70,695	26,923	21,682	190,314
Gedio	171,268	21,042	9,087	6,826	7,749	23,369	11,337	11,566	80,292
Wolayita	181,084	19,344	7,307	8,246	15,918	20,595	14,207	24,968	70,499
South Omo	353,483	29,863	19,088	14,905	33,576	39,316	28,771	37,594	150,368
Shaka	49,128	8,813	2,737	1,231	1,097	6,209	2,798	3,258	22,985
Kaffa	376,268	58,918	9,640	5,902	5,919	64,898	16,995	22,331	191,664
Gamo Gofa	478,036	43,396	15,049	15,534	21,641	60,889	29,588	50,874	241,065
Bench Maji	174,823	24,136	4,237	2,960	4,445	28,460	8,888	8,936	92,762
Yem Sp. Wereda	24,990	3,601	858	538	612	3,530	1,005	1,802	13,045
Amaro Sp. Wereda	50,835	5,919	1,362	992	4,553	5,850	2,071	4,054	26,034
Burji Sp. Wereda	3,128	381	138	43	276	460	98	269	1,463
Konso Sp. Wereda	81,837	6,988	3,705	6,202	16,076	7,437	3,043	6,830	31,555
Derashe Sp. Wereda	11,954	940	297	362	2,224	1,233	517	706	5,674
Dawro	99,014	12,092	6,068	5,732	2,932	13,278	5,245	10,499	43,169
Basketo Sp. Wereda	13,267	1,710	443	344	392	1,741	924	1,065	6,648
Konta Sp. Wereda	16,711	2,126	1,378	1,717	1,000	2,090	816	1,082	6,503
Silte	242,693	38,819	10,067	5,621	7,209	36,152	13,632	16,521	114,672
Alaba Sp. Wereda	35,330	5,049	1,486	425	1,248	4,836	2,058	1,969	18,259
Harari	4,501	381	205	410	442	663	152	410	1,839
Hundene	4,501	381	205	410	442	663	152	410	1,839
Addis Ababa	11,052	1,463	460	298	512	1,528	832	704	5,254
Zone 3	7,916	1,028	363	229	354	1,126	562	518	3,736
Zone 6	3,136	435	97	*	158	402	271	186	1,518
Dire Dawa	54,173	5,648	3,374	3,093	3,827	6,238	4,609	4,599	22,785

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	16,248,899	2,101,235	859,765	721,509	1,219,648	2,232,350	1,135,932	1,353,406	6,625,054
Tigray	2,399,808	256,740	127,256	105,003	185,836	291,600	199,123	245,238	989,013
North West Tigray	824,966	80,371	45,068	40,670	51,616	96,131	82,213	117,477	311,418
Central Tigray	844,113	85,856	49,723	37,992	83,079	91,412	71,361	67,766	356,924
Eastern Tigray	169,232	20,105	7,219	4,937	10,141	18,748	11,704	12,631	83,747
Southern Tigray	306,510	36,691	12,103	10,988	22,824	46,862	16,497	28,294	132,252
Western Tigray	254,986	33,716	13,143	10,416	18,175	38,447	17,349	19,069	104,672
Afar	411,047	28,774	20,701	18,567	33,743	54,293	44,002	45,327	165,641
Zone 1	122,518	6,421	5,148	4,179	*	16,297	10,929	13,028	56,550
Zone 3	288,529	22,353	15,553	14,388	23,778	37,996	33,072	32,299	109,091
Amhara	4,856,472	667,708	245,794	219,050	441,097	684,596	302,372	364,314	1,931,542
North Gonder	1,114,883	156,109	61,043	38,818	68,738	179,379	85,455	96,045	429,296
South Gonder	523,517	83,516	22,741	25,334	30,494	82,869	28,258	36,819	213,485
North Wolo	619,610	83,730	27,803	22,556	56,823	84,046	37,593	40,517	266,542
South Wolo	770,052	103,760	34,308	30,001	105,712	105,084	35,732	40,737	314,719
North Shewa	662,213	75,514	45,695	54,304	106,872	67,738	39,652	53,607	218,831
East Gojam	245,314	30,417	13,406	9,099	14,823	38,363	13,865	21,371	103,971
West Gojam	274,139	50,077	11,795	11,428	10,575	43,076	14,047	15,931	117,210
Waghamera	367,523	37,890	15,478	17,474	32,123	45,732	27,346	34,318	157,161
Awi	130,485	25,316	6,152	4,140	6,806	17,215	7,804	8,647	54,405
Oromia	148,737	21,379	7,373	5,895	8,132	21,095	12,620	16,321	55,922
Oromia	5,383,640	764,890	295,955	229,225	318,502	797,715	358,155	412,828	2,206,371
West Wellega	112,394	16,500	6,965	*	6,026	18,442	9,317	13,555	39,571
East Wellega	179,238	23,880	9,428	8,363	12,438	29,782	14,779	17,983	62,585
Illubabor	100,740	18,636	5,481	3,282	*	16,679	6,087	4,331	42,048
Jimma	240,997	36,720	10,195	9,673	8,783	37,994	11,994	15,542	110,096
West Shewa	236,991	40,560	10,146	7,080	12,769	49,879	12,833	19,960	83,764
North Shewa	176,218	27,196	9,981	7,291	11,996	28,710	13,113	10,216	67,715
East Shewa	588,092	79,762	31,994	18,471	25,005	105,108	47,125	41,515	239,113
Arsi	448,849	62,630	22,617	18,406	30,056	63,678	26,709	34,870	189,883
West Harerghe	741,514	108,067	42,654	39,264	54,069	94,815	40,522	53,760	308,364
East Harerghe	889,342	119,493	53,374	55,500	76,028	111,969	58,886	65,371	348,722
Bale	626,174	103,016	34,285	12,236	14,512	92,758	31,378	40,891	297,097
Borena	595,738	65,649	33,952	27,804	32,141	84,173	52,058	55,931	244,029
South West Shewa	183,195	32,724	10,870	6,471	10,842	28,787	12,703	14,922	65,876
Guji	264,156	30,056	14,014	13,364	19,640	34,940	20,652	23,981	107,508

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	668,619	63,891	33,002	36,381	67,420	76,933	45,500	61,086	284,406
Shinele	74,213	6,799	3,143	3,056	4,614	9,833	7,836	9,132	29,800
Jijiga	361,636	39,370	20,218	19,068	35,519	40,108	21,356	25,628	160,369
Liben	232,770	17,723	9,642	14,257	27,286	26,992	16,309	26,326	94,236
Benshangul-Gumuz	314,277	49,425	19,289	13,019	14,530	47,038	25,665	31,037	114,274
Metekel	114,281	20,386	7,456	4,275	4,113	18,652	9,176	13,617	36,607
Asosa	152,480	22,154	9,088	6,965	7,990	20,413	12,100	13,281	60,490
Kemeshi	47,516	6,886	2,746	1,779	2,427	7,973	4,389	4,140	17,176
SNNP	2,054,080	250,686	110,610	92,730	150,062	260,350	149,377	175,828	864,437
Gurage	118,585	19,779	7,623	6,150	2,786	16,161	6,986	11,123	47,976
Hadiya	112,961	13,953	5,922	3,022	5,551	16,439	10,796	7,173	50,103
Kembata Tembaro	41,075	5,565	871	1,082	1,913	6,037	4,309	3,952	17,345
Sidama	193,173	26,847	12,401	12,152	7,714	25,515	10,824	12,841	84,879
Gedio	9,410	*	*	*	*	2,257	519	*	3,292
Wolayita	120,000	17,669	6,711	2,894	3,437	21,393	6,133	11,990	49,772
South Omo	556,492	43,258	31,810	34,122	59,882	58,075	52,307	63,155	213,884
Shaka	8,455	1,105	365	540	244	1,397	968	516	3,320
Kaffa	102,293	17,751	4,085	2,288	1,110	19,439	6,320	7,326	43,974
Gamo Gofa	226,250	29,312	9,877	7,688	16,383	27,123	15,352	15,286	105,228
Bench Maji	41,030	6,560	1,960	762	2,536	4,017	2,757	2,638	19,801
Yem Sp. Wereda	19,256	2,661	928	440	505	2,797	1,348	1,231	9,346
Amaro Sp. Wereda	43,548	6,156	1,776	1,924	3,637	5,595	1,958	3,343	19,159
Burji Sp. Wereda	24,242	2,669	1,043	1,055	2,733	2,618	1,393	1,924	10,806
Konso Sp. Wereda	134,253	11,894	7,512	6,515	20,260	12,411	7,476	8,249	59,935
Derashe Sp. Wereda	67,589	5,876	3,879	4,557	9,841	6,369	4,688	5,700	26,679
Dawro	45,448	6,893	2,582	2,865	1,325	6,792	3,022	6,149	15,819
Basketo Sp. Wereda	4,222	499	*	*	214	533	349	143	2,199
Konta Sp. Wereda	8,556	1,562	562	422	329	1,246	447	871	3,116
Silte	128,662	21,217	7,897	3,059	6,150	16,607	8,866	9,107	55,759
Alaba Sp. Wereda	48,582	8,376	2,354	879	2,854	7,528	2,558	1,990	22,044
Harari	32,782	4,347	2,047	2,264	1,060	4,315	2,133	2,687	13,929
Hundene	32,782	4,347	2,047	2,264	1,060	4,315	2,133	2,687	13,929
Addis Ababa	4,079	689	242	150	138	806	268	200	1,586
Zone 3	2,801	407	184	123	111	485	238	160	1,093
Zone 6	1,278	282	*	*	*	321	*	*	493
Dire Dawa	124,094	14,085	4,868	5,120	7,261	14,704	9,337	14,860	53,858

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

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	1,569,318	164,853	598,052	174,361	632,052	4,280,542	506,308	1,450,087	501,581	1,822,567
Tigray	1,894	*	841	*	*	387,389	40,987	161,064	39,099	146,238
North West Tigray	*	*	-	-	-	66,199	8,453	21,654	7,500	28,592
Central Tigray	-	-	-	-	-	102,220	10,759	35,445	11,927	44,089
Eastern Tigray	*	-	*	-	*	70,681	7,975	23,878	8,144	30,685
Southern Tigray	*	-	*	*	*	115,251	11,515	56,880	10,069	36,788
Western Tigray	*	*	*	*	*	33,037	2,285	23,208	1,459	6,085
Afar	-	-	-	-	-	12,834	1,096	5,112	1,299	5,327
Zone 1	-	-	-	-	-	*	*	*	*	*
Zone 3	-	-	-	-	-	10,292	838	4,028	936	4,490
Amhara	289,895	27,691	105,195	30,760	126,250	1,513,891	199,382	394,310	221,069	699,131
North Gonder	38,777	3,738	15,576	3,997	15,466	199,659	20,352	71,041	27,137	81,129
South Gonder	21,705	*	4,778	*	14,017	172,485	25,775	28,677	28,194	89,839
North Wolo	15,870	*	6,345	*	*	137,916	15,392	36,480	19,292	66,752
South Wolo	39,369	5,288	8,235	2,975	22,870	273,783	31,321	72,842	40,075	129,545
North Shewa	43,473	4,374	9,033	8,158	21,907	272,665	39,994	92,126	29,629	110,916
East Gojam	61,748	7,834	22,681	7,888	23,347	181,315	23,813	39,763	32,963	84,776
West Gojam	15,480	*	5,206	*	7,434	153,629	24,302	23,279	29,167	76,881
Waghamera	*	*	*	-	-	45,177	5,725	16,981	3,617	18,854
Awi	53,100	2,761	33,063	2,334	14,942	49,091	8,181	7,757	7,389	25,764
Oromia	*	-	*	-	-	28,172	4,528	5,363	3,605	14,676
Oromia	969,037	108,115	370,623	112,117	378,182	1,911,225	223,840	699,984	201,678	785,723
West Wellega	*	*	*	*	1,610	109,104	10,542	47,263	8,579	42,720
East Wellega	48,913	5,091	18,712	5,840	19,269	108,685	12,993	33,532	14,380	47,780
Illubabor	34,317	4,326	7,733	5,628	16,630	13,912	1,534	6,583	1,310	4,484
Jimma	87,297	9,015	26,534	11,267	40,482	54,970	5,961	23,930	5,543	19,536
West Shewa	174,410	16,572	78,105	18,867	60,867	125,486	17,766	41,956	16,636	49,128
North Shewa	98,282	16,125	28,180	11,751	42,227	174,029	22,208	47,418	26,366	78,037
East Shewa	12,020	827	8,977	*	1,748	294,701	31,508	101,130	29,078	132,985
Arsi	227,326	24,148	84,501	28,844	89,834	307,648	38,762	93,502	38,009	137,375
West Harerghe	*	-	*	-	*	145,765	16,298	60,315	10,377	58,774
East Harerghe	*	-	-	*	*	167,528	19,266	87,575	12,803	47,884
Bale	150,801	18,943	58,952	18,415	54,491	189,914	22,385	73,670	17,332	76,528
Borena	2,036	*	1,567	-	*	63,024	6,397	23,170	5,165	28,292
South West Shewa	20,855	2,475	12,948	*	4,630	116,421	13,550	42,178	14,151	46,542
Guji	104,563	9,387	41,216	9,118	44,842	40,039	4,671	17,761	1,948	15,658

TABLE 3-5 CONT'D

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Somale	*	*	-	-	-	89,337	11,071	36,247	8,462	33,557
Shinele	-	-	-	-	-	2,844	366	957	308	1,212
Jijiga	*	*	-	-	-	63,971	8,395	25,295	6,490	23,791
Liben	-	-	-	-	-	22,523	2,310	9,995	1,664	8,554
Benshangul-Gumuz	*	*	*	*	*	39,923	4,630	22,084	2,493	10,715
Metekel	*	*	*	*	*	17,272	1,690	12,351	626	2,604
Asosa	-	-	-	-	-	17,664	2,404	6,454	1,568	7,237
Kemeshi	-	-	-	-	-	4,987	536	3,278	299	874
SNNP	307,104	28,730	120,555	30,936	126,883	302,798	23,310	119,845	25,942	133,701
Gurage	54,359	6,379	13,130	7,178	27,672	41,246	3,023	18,014	4,567	15,643
Hadiya	18,715	1,848	8,247	*	7,512	46,365	4,150	8,026	6,666	27,523
Kembata Tembaro	7,669	993	2,810	*	3,550	21,926	1,049	15,446	1,162	4,268
Sidama	65,031	*	28,713	5,841	25,971	41,048	2,822	19,129	*	17,433
Gedio	23,578	1,185	12,771	1,640	7,983	2,408	*	1,880	-	*
Wolayita	*	-	*	-	-	34,690	1,959	21,068	*	10,201
South Omo	9,772	708	3,754	1,005	4,304	6,072	*	1,367	*	3,101
Shaka	3,921	*	2,473	*	*	1,380	*	1,192	-	-
Kaffa	53,419	5,272	25,634	4,480	18,034	*	*	*	*	*
Gamo Gofa	30,904	4,134	7,127	5,952	13,690	11,887	*	7,413	*	2,360
Bench Maji	12,537	755	5,087	*	6,142	*	-	*	-	*
Yem Sp. Wereda	411	*	162	-	226	2,652	169	1,104	198	1,180
Amaro Sp. Wereda	3,007	*	1,451	157	1,094	1,059	*	792	-	180
Burji Sp. Wereda	-	-	-	-	-	3,603	326	1,548	400	1,328
Konso Sp. Wereda	-	-	-	-	-	3,824	*	1,146	506	1,828
Derashe Sp. Wereda	*	*	*	-	*	8,062	260	5,724	286	1,792
Dawro	5,549	387	1,444	767	2,951	3,317	*	1,758	*	1,112
Basketo Sp. Wereda	292	-	211	*	64	*	*	*	-	-
Konta Sp. Wereda	895	172	379	*	288	*	-	*	-	-
Silte	14,628	1,701	5,586	1,406	5,935	55,062	4,303	11,672	5,453	33,634
Alaba Sp. Wereda	1,973	*	1,264	-	649	16,900	1,888	1,689	1,594	11,730
Harari	-	-	-	-	-	6,985	680	3,441	388	2,475
Hundene	-	-	-	-	-	6,985	680	3,441	388	2,475
Addis Ababa	437	*	387	*	20	6,078	265	4,933	129	750
Zone 3	279	*	238	*	20	3,772	60	3,528	*	159
Zone 6	159	*	149	-	-	2,306	205	1,406	104	591
Dire Dawa	-	-	-	-	-	10,083	1,046	3,067	1,022	4,948

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	340,572	19,385	145,091	21,735	154,361	436,622	57,328	120,979	61,828	196,487
Tigray	7,901	*	4,107	-	3,719	32,777	2,000	30,777	-	-
North West Tigray	*	-	*	-	*	5,219	*	4,427	-	-
Central Tigray	2,257	-	1,428	-	829	6,814	*	6,469	-	-
Eastern Tigray	*	-	*	-	757	*	-	*	-	-
Southern Tigray	2,948	-	*	-	1,381	16,909	862	16,046	-	-
Western Tigray	1,001	*	685	-	*	1,963	-	1,963	-	-
Afar	150	-	*	-	*	112,131	10,533	17,698	22,064	61,836
Zone 1	-	-	-	-	-	*	*	7,220	*	*
Zone 3	150	-	*	-	*	93,051	8,785	10,478	18,363	55,425
Amhara	102,580	6,970	38,820	8,260	48,529	14,678	3,760	9,628	-	*
North Gonder	12,744	*	6,337	*	5,725	*	-	*	-	-
South Gonder	16,139	*	8,571	*	5,556	-	-	-	-	-
North Wolo	13,678	*	3,089	1,126	9,252	5,225	*	2,752	-	-
South Wolo	19,867	*	4,843	1,326	12,291	*	-	*	-	*
North Shewa	11,124	1,979	4,211	1,338	3,595	*	-	*	-	-
East Gojam	10,321	*	3,702	*	5,487	-	-	-	-	-
West Gojam	12,326	*	4,576	2,200	4,496	*	-	-	-	*
Waghamera	1,772	-	785	-	987	-	-	-	-	-
Awi	4,113	*	2,407	*	943	-	-	-	-	-
Oromia	*	-	*	-	*	5,506	1,287	3,720	-	*
Oromia	166,921	8,058	68,598	10,546	79,719	121,970	21,233	20,458	15,973	64,306
West Wellega	9,459	-	3,896	*	5,128	-	-	-	-	-
East Wellega	11,469	*	5,045	*	4,854	-	-	-	-	-
Illubabor	10,365	*	3,157	786	6,184	-	-	-	-	-
Jimma	28,812	*	4,548	*	19,900	-	-	-	-	-
West Shewa	9,828	*	4,057	*	3,954	-	-	-	-	-
North Shewa	5,155	-	1,255	*	3,084	-	-	-	-	-
East Shewa	8,516	*	7,009	-	826	*	*	*	*	*
Arsi	32,192	2,169	14,441	2,229	13,354	*	*	*	-	*
West Harerghe	2,509	*	*	-	*	15,789	2,500	*	*	8,687
East Harerghe	*	-	-	-	*	*	-	*	-	*
Bale	19,301	*	10,656	-	8,412	21,655	4,861	5,151	2,474	9,169
Borena	4,690	-	3,107	-	1,583	38,804	7,265	4,534	4,796	22,209
South West Shewa	13,173	*	5,434	581	7,023	-	-	-	-	-
Guji	11,170	*	4,461	1,318	4,369	*	*	*	*	*

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	-	-	-	-	-	145,073	17,668	39,669	22,038	65,698
Shinele	-	-	-	-	-	4,717	494	1,568	552	2,103
Jijiga	-	-	-	-	-	55,575	7,175	22,230	4,975	21,195
Liben	-	-	-	-	-	84,781	9,999	15,871	16,511	42,399
Benshangul-Gumuz	1,501	-	527	*	946	-	-	-	-	-
Metekel	1,048	-	372	-	676	-	-	-	-	-
Asosa	*	-	*	-	*	-	-	-	-	-
Kemeshi	239	-	*	*	120	-	-	-	-	-
SNNP	61,135	4,262	32,641	2,900	21,331	*	*	*	*	*
Gurage	2,108	-	*	*	1,713	-	-	-	-	-
Hadiya	10,161	*	5,788	*	3,558	-	-	-	-	-
Kembata Tembaro	1,804	-	1,158	*	430	-	-	-	-	-
Sidama	3,366	*	*	*	*	*	*	*	*	-
Gedio	4,454	-	2,434	-	2,020	-	-	-	-	-
Wolayita	1,605	*	*	*	902	-	-	-	-	-
South Omo	3,041	*	1,301	*	1,206	-	-	-	-	-
Shaka	*	-	*	-	*	-	-	-	-	-
Kaffa	12,781	*	9,741	*	2,616	-	-	-	-	-
Gamo Gofa	6,002	893	2,671	*	*	-	-	-	-	-
Bench Maji	2,234	-	845	*	*	-	-	-	-	-
Yem Sp. Wereda	113	-	*	-	90	-	-	-	-	-
Amaro Sp. Wereda	1,293	*	915	*	267	-	-	-	-	-
Burji Sp. Wereda	*	-	-	-	*	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	-	*	-	*	-	-	-	-	-
Dawro	4,405	*	2,366	395	1,334	-	-	-	-	-
Basketo Sp. Wereda	529	*	285	*	212	-	-	-	-	-
Konta Sp. Wereda	613	*	495	-	*	*	*	*	-	-
Silte	5,579	1,084	2,565	*	1,652	*	-	*	-	*
Alaba Sp. Wereda	513	-	208	-	305	-	-	-	-	-
Harari	*	-	*	-	-	*	*	*	*	*
Hundene	*	-	*	-	-	*	*	*	*	*
Addis Ababa	364	*	308	-	*	-	-	-	-	-
Zone 3	149	*	129	-	*	-	-	-	-	-
Zone 6	215	*	180	-	*	-	-	-	-	-
Dire Dawa	-	-	-	-	-	6,409	1,322	1,836	1,001	2,250

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	25,700,083	10,234,408	215,755	376,196	374,855	6,217,640	133,501	73,596	7,056,883	1,017,248
Tigray	1,677,384	788,313	3,762	17,543	6,109	44,961	5,950	4,856	792,663	13,226
North West Tigray	414,628	176,848	882	4,681	1,337	8,540	1,050	*	216,542	3,934
Central Tigray	407,809	224,330	*	2,784	*	17,774	1,142	*	157,987	*
Eastern Tigray	193,614	92,343	*	2,134	*	3,424	1,034	*	91,607	2,038
Southern Tigray	422,602	207,565	*	5,693	2,814	12,675	1,729	*	182,810	5,701
Western Tigray	238,731	87,227	803	2,252	*	2,548	995	809	143,718	-
Afar	183,096	7,848	2,864	13,787	2,492	97,006	*	741	55,908	2,349
Zone 1	67,542	2,489	*	3,535	*	40,233	-	*	18,177	1,112
Zone 3	115,553	5,358	1,220	10,251	2,474	56,773	*	407	37,731	1,237
Amhara	6,716,536	3,346,686	24,775	59,122	81,379	447,852	66,713	11,402	2,532,252	146,356
North Gonder	1,082,869	464,238	4,294	10,696	24,680	70,712	3,337	*	471,132	33,421
South Gonder	775,506	389,902	1,507	*	9,323	53,378	9,371	*	295,094	8,494
North Wolo	563,150	280,543	*	4,088	4,187	29,019	7,102	-	227,387	10,382
South Wolo	992,661	512,299	*	9,199	*	101,830	10,166	-	341,652	12,189
North Shewa	756,051	425,343	3,097	8,624	9,456	44,923	2,411	4,644	241,147	16,406
East Gojam	805,466	433,844	6,979	6,217	3,255	33,012	10,625	*	289,282	20,167
West Gojam	930,438	488,767	4,967	6,963	12,213	64,613	13,274	*	316,712	21,518
Waghamera	164,023	80,590	*	560	*	*	761	*	77,609	2,929
Awi	469,230	193,036	*	4,805	13,112	20,363	8,546	1,167	208,262	18,009
Oromia	177,142	78,125	382	981	647	28,877	1,121	*	63,974	2,839
Oromia	11,591,922	4,601,827	120,943	200,997	165,353	3,071,998	49,291	35,966	2,960,536	385,011
West Wellega	727,132	319,684	2,383	20,018	3,312	200,228	3,673	*	172,403	4,916
East Wellega	921,378	397,776	*	20,211	18,926	189,000	5,958	*	271,088	18,013
Illubabor	492,237	221,528	*	*	5,356	82,894	*	*	160,114	16,279
Jimma	1,227,227	568,090	3,974	*	14,677	270,775	*	*	325,435	39,657
West Shewa	1,094,083	456,559	13,195	20,627	*	254,360	5,300	2,438	281,474	*
North Shewa	782,172	358,691	13,002	10,152	13,552	211,458	*	*	141,024	25,023
East Shewa	909,993	404,818	*	12,030	15,580	245,554	3,585	2,596	195,356	24,090
Arsi	1,589,911	700,501	16,873	12,168	23,534	390,443	8,829	*	379,000	49,782
West Harerghe	494,095	199,285	10,341	4,282	*	70,471	1,877	*	202,740	3,280
East Harerghe	510,205	119,783	20,469	*	1,998	198,103	*	*	145,520	16,753
Bale	1,101,693	370,643	10,922	8,860	21,795	502,584	*	*	99,397	81,283
Borena	675,520	114,990	9,741	42,141	*	114,680	*	4,214	324,694	*
South West Shewa	486,565	252,325	3,512	5,180	6,280	139,250	2,116	*	73,122	4,073
Guji	579,712	117,156	8,296	38,290	1,857	202,197	*	*	189,169	14,187

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	293,516	57,885	2,037	13,168	*	117,736	*	*	97,471	3,639
Shinele	6,903	712	227	288	17	2,404	6	56	2,686	506
Jijiga	206,093	50,237	1,522	3,339	*	93,247	*	-	55,519	1,660
Liben	80,521	6,936	*	9,542	*	22,085	*	*	39,266	*
Benshangul-Gumuz	207,709	85,515	1,105	1,308	2,873	23,972	1,011	*	87,151	4,681
Metekel	139,904	58,043	*	769	*	6,663	460	-	68,220	*
Asosa	43,116	18,799	*	298	607	13,098	*	-	9,352	*
Kemeshi	24,689	8,673	*	241	*	4,210	*	*	9,578	1,071
SNNP	4,970,033	1,327,567	58,884	69,683	115,408	2,396,684	9,155	20,074	514,452	458,126
Gurage	545,822	108,967	*	5,505	16,306	272,740	1,870	*	47,330	90,866
Hadiya	416,794	143,391	*	*	18,073	188,455	*	-	14,171	50,721
Kembata Tembaro	184,484	51,494	*	*	6,687	86,413	438	*	5,461	32,794
Sidama	857,127	65,069	15,076	17,272	12,071	572,295	*	8,278	74,959	91,476
Gedio	82,002	7,287	20,338	*	*	22,975	-	7,444	19,135	3,103
Wolayita	479,965	149,665	3,128	2,559	13,054	255,694	2,310	-	11,198	42,357
South Omo	296,246	69,300	*	24,573	4,285	111,770	*	*	76,536	3,868
Shaka	49,691	14,979	1,021	*	*	25,017	-	*	7,389	733
Kaffa	379,697	154,656	2,865	*	-	148,209	*	*	70,736	*
Gamo Gofa	584,829	168,160	1,801	*	13,372	253,342	*	924	76,288	66,113
Bench Maji	220,553	72,836	*	*	-	121,944	*	*	21,990	*
Yem Sp. Wereda	37,887	17,074	474	*	737	8,446	*	-	8,537	2,508
Amaro Sp. Wereda	65,121	24,484	481	*	1,269	7,150	-	*	28,176	2,987
Burji Sp. Wereda	23,778	13,078	*	278	453	3,606	-	*	5,186	1,109
Konso Sp. Wereda	60,164	23,181	2,608	2,457	*	14,338	*	-	15,969	1,313
Derashe Sp. Wereda	50,460	26,922	320	1,332	*	13,406	*	*	6,976	792
Dawro	175,932	45,228	862	3,713	3,606	96,962	*	469	8,719	16,144
Basketo Sp. Wereda	15,653	5,582	*	124	344	7,368	*	*	1,257	908
Konta Sp. Wereda	36,317	14,707	*	406	261	17,755	*	-	2,088	973
Silte	325,824	119,360	561	*	21,063	132,782	1,246	*	*	38,801
Alaba Sp. Wereda	81,686	32,145	*	*	2,900	36,017	*	*	*	7,969
Harari	20,548	4,441	682	*	*	8,352	*	*	4,927	1,520
Hundene	20,548	4,441	682	*	*	8,352	*	*	4,927	1,520
Addis Ababa	18,583	10,007	94	143	451	3,647	*	*	3,250	929
Zone 3	12,386	6,255	41	64	192	2,387	*	*	2,762	630
Zone 6	6,197	3,752	*	*	*	1,260	*	-	488	299
Dire Dawa	20,757	4,320	609	310	*	5,432	*	*	8,274	1,409

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

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	10,600,874	404,212	2,284	514,435	54,851	49,566	36,521	9,488,026	50,979
Tigray	433,009	6,525	*	39,676	*	1,378	2,057	380,848	1,410
North West Tigray	37,985	-	-	5,290	-	126	-	32,409	160
Central Tigray	108,116	*	-	13,043	*	-	915	92,759	-
Eastern Tigray	182,951	1,605	-	10,758	-	722	854	167,864	1,149
Southern Tigray	90,577	*	*	9,452	*	460	287	75,773	101
Western Tigray	13,380	*	-	*	-	70	-	12,044	-
Afar	75,449	3,560	*	8,436	1,627	1,234	714	59,169	634
Zone 1	23,017	*	-	2,511	*	148	224	18,894	37
Zone 3	52,432	2,784	*	5,925	1,201	1,086	490	40,274	597
Amhara	4,045,278	175,121	*	214,354	24,546	14,133	11,409	3,586,105	19,417
North Gonder	347,681	7,565	-	24,130	*	3,058	-	310,490	1,249
South Gonder	397,278	4,420	-	13,680	*	1,282	1,126	374,386	1,845
North Wolo	344,539	19,946	*	26,245	*	858	581	287,641	1,954
South Wolo	1,066,325	68,271	-	86,134	9,123	1,011	2,559	890,470	8,757
North Shewa	702,730	47,351	-	37,914	*	2,575	5,910	598,403	4,484
East Gojam	656,665	18,346	-	11,974	-	4,359	302	621,000	684
West Gojam	308,412	4,172	-	5,898	-	472	286	297,584	-
Waghamera	34,622	1,370	-	5,881	*	-	-	27,118	164
Awi	172,022	*	-	1,524	-	340	646	167,975	280
Oromia	15,004	2,421	-	*	*	179	-	11,038	-
Oromia	3,897,207	135,981	*	124,133	19,592	25,676	17,491	3,550,520	22,845
West Wellega	179,604	3,053	-	10,035	*	433	2,997	160,418	1,254
East Wellega	179,694	3,153	-	4,736	*	581	932	165,652	220
Illubabor	174,531	4,593	-	3,130	*	1,083	177	164,320	787
Jimma	424,170	7,766	-	7,484	*	2,319	-	405,388	903
West Shewa	505,145	23,265	-	8,728	*	2,075	1,662	466,495	202
North Shewa	542,496	35,934	-	13,712	*	3,085	3,688	483,960	-
East Shewa	198,926	4,951	-	14,892	*	985	1,489	175,656	241
Arsi	786,505	23,240	*	24,820	*	9,142	3,080	718,090	4,754
West Harerghe	83,648	4,055	-	*	*	187	-	74,699	540
East Harerghe	153,181	10,252	-	4,341	*	1,710	-	135,176	238
Bale	344,748	5,645	-	5,689	*	2,913	1,198	313,985	13,461
Borena	93,197	1,781	-	9,736	*	807	-	80,507	105
South West Shewa	78,967	6,438	*	2,463	-	-	1,544	67,776	139
Guji	152,395	1,853	-	10,483	*	356	722	138,399	-

TABLE 3-8 CONT'D

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Somale	320,967	14,367	*	41,347	*	1,320	1,022	262,264	300
Shinele	16,114	945	34	1,784	13	39	170	13,128	-
Jijiga	232,231	11,462	*	27,335	-	101	589	192,469	92
Liben	72,621	*	*	12,228	*	1,180	263	56,668	208
Benshangul-Gumuz	31,049	758	-	2,187	*	-	-	27,798	66
Metekel	19,810	500	-	1,136	*	-	-	18,050	-
Asosa	5,636	*	-	*	*	-	-	4,930	-
Kemeshi	5,603	*	-	611	-	-	-	4,818	66
SNNP	1,763,257	65,594	*	81,934	7,715	5,573	3,549	1,592,024	6,260
Gurage	145,963	1,466	*	3,789	*	-	202	139,201	479
Hadiya	121,379	*	-	3,290	*	-	-	114,426	2,229
Kembata Tembaro	48,735	3,641	-	*	*	-	-	43,793	106
Sidama	203,657	5,979	-	6,638	*	1,149	338	187,682	1,145
Gedio	88,041	3,501	-	4,248	-	150	75	79,642	426
Wolayita	86,416	11,169	-	4,552	*	219	451	69,828	-
South Omo	183,944	11,379	-	19,766	*	1,248	415	147,908	796
Shaka	24,082	892	-	*	*	-	-	22,824	161
Kaffa	197,583	3,428	*	2,221	*	1,640	1,038	188,987	-
Gamo Gofa	262,706	5,737	-	14,764	*	-	452	240,358	254
Bench Maji	97,207	1,596	*	*	-	240	431	91,682	409
Yem Sp. Wereda	13,657	147	-	465	-	23	-	12,950	71
Amaro Sp. Wereda	30,587	1,584	-	2,926	*	-	-	25,986	48
Burji Sp. Wereda	1,739	*	-	162	*	17	17	1,430	-
Konso Sp. Wereda	47,631	8,274	-	7,505	*	405	55	31,095	-
Derashe Sp. Wereda	7,898	487	-	1,737	-	-	59	5,616	-
Dawro	46,101	1,338	-	1,272	*	160	-	43,009	-
Basketo Sp. Wereda	7,041	144	-	232	*	-	16	6,632	-
Konta Sp. Wereda	7,503	527	-	442	*	31	-	6,473	-
Silte	121,881	2,621	*	3,260	*	292	-	114,243	136
Alaba Sp. Wereda	19,507	*	-	736	-	-	-	18,259	-
Harari	2,281	313	-	*	*	-	-	1,839	-
Hundene	2,281	313	-	*	*	-	-	1,839	-
Addis Ababa	5,766	222	-	290	-	9	18	5,227	-
Zone 3	4,090	161	-	193	-	9	18	3,709	-
Zone 6	1,676	61	-	*	-	-	-	1,518	-
Dire Dawa	26,612	1,771	*	2,012	-	243	262	22,232	48

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	Milk	Meat	Breeding	Other
Ethiopia	7,844,702	502,849	673,841	42,957	491,458	46,677	6,061,270	25,649
Tigray	1,174,848	35,745	148,417	1,673	9,196	6,703	971,438	1,675
North West Tigray	363,035	5,806	45,810	-	*	*	309,700	*
Central Tigray	440,003	18,372	64,177	*	5,707	*	348,821	*
Eastern Tigray	93,888	1,553	8,588	-	*	*	80,796	-
Southern Tigray	155,076	3,649	18,174	*	2,244	*	127,991	*
Western Tigray	122,846	6,364	11,668	*	-	*	104,130	*
Afar	199,384	10,867	20,008	2,868	85,988	1,949	75,127	*
Zone 1	66,515	*	5,292	*	25,873	*	28,145	*
Zone 3	132,869	7,437	14,716	1,625	60,115	846	46,982	*
Amhara	2,372,639	240,202	183,988	16,908	5,909	15,562	1,904,075	5,996
North Gonder	498,034	29,057	38,344	*	-	4,639	423,213	*
South Gonder	243,979	15,765	12,738	*	-	*	211,954	-
North Wolo	323,365	37,382	18,979	*	*	*	264,225	*
South Wolo	420,431	47,528	50,469	*	-	*	307,652	*
North Shewa	325,702	80,440	23,004	3,427	*	*	214,842	*
East Gojam	118,793	8,523	5,844	*	-	*	103,728	-
West Gojam	127,785	*	3,665	-	*	*	115,299	-
Waghamera	189,285	6,388	25,197	*	*	-	155,010	*
Awi	61,211	3,925	2,881	-	-	*	53,495	*
Oromia	64,053	4,283	2,867	*	*	*	54,657	*
Oromia	2,524,872	142,447	163,476	12,579	236,623	13,992	1,946,169	9,588
West Wellega	45,597	*	5,534	-	*	-	38,842	-
East Wellega	75,023	3,633	4,717	*	*	-	61,884	*
Illubabor	46,244	*	*	*	-	*	41,871	-
Jimma	118,879	2,956	*	*	*	*	107,790	*
West Shewa	96,532	7,077	5,692	-	*	*	80,895	*
North Shewa	79,711	7,407	*	-	*	*	65,829	-
East Shewa	264,118	4,546	20,459	-	*	*	192,130	*
Arsi	219,940	20,345	9,015	*	12,390	*	172,493	*
West Harerghe	362,432	23,858	26,931	3,280	18,701	*	287,941	*
East Harerghe	424,750	55,208	18,189	*	30,923	3,191	310,390	*
Bale	311,610	4,558	9,427	*	114,935	*	180,781	*
Borena	276,170	3,762	27,956	423	*	*	239,082	*
South West Shewa	76,718	6,223	4,470	*	*	*	65,534	-
Guji	127,148	*	17,997	*	*	*	100,708	*

TABLE 3-9 CONT'D

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
		MALE			FEMALE			
	Total	Meat	Breeding	Other	Milk	Meat	Breeding	Other
Somale	351,825	17,807	49,218	*	35,023	2,551	245,801	*
Shinele	34,414	1,161	3,453	-	894	87	28,819	-
Jijiga	195,889	12,728	22,792	-	8,614	*	150,634	-
Liben	121,522	3,919	22,973	*	25,514	*	66,347	*
Benshangul-Gumuz	128,803	5,125	8,889	*	1,308	812	111,404	*
Metekel	40,720	1,895	2,013	*	*	*	36,075	*
Asosa	68,480	*	4,889	*	*	*	58,847	*
Kemeshi	19,603	357	1,987	*	*	*	16,482	*
SNNP	1,014,498	46,759	95,404	7,899	113,260	3,987	743,227	3,963
Gurage	50,762	*	1,902	*	*	*	45,286	*
Hadiya	55,655	*	4,822	*	4,267	-	44,723	*
Kembata Tembaro	19,259	1,699	*	-	1,177	*	16,056	-
Sidama	92,593	2,349	4,996	*	14,888	*	68,304	*
Gedio	3,950	*	*	-	-	-	3,292	-
Wolayita	53,209	*	2,143	*	*	*	48,479	*
South Omo	273,765	16,159	38,776	*	74,377	*	138,154	*
Shaka	3,564	*	*	*	-	*	3,284	-
Kaffa	45,084	*	*	*	*	*	43,607	-
Gamo Gofa	121,611	5,548	*	*	*	-	100,257	*
Bench Maji	22,337	1,399	1,137	-	-	*	19,679	-
Yem Sp. Wereda	9,850	*	386	*	-	*	9,298	*
Amaro Sp. Wereda	22,796	1,208	2,389	*	*	*	18,781	*
Burji Sp. Wereda	13,539	334	2,301	*	*	*	10,711	-
Konso Sp. Wereda	80,196	7,526	12,443	*	*	*	59,178	-
Derashe Sp. Wereda	36,520	1,777	8,064	-	-	*	26,643	-
Dawro	17,143	*	1,055	-	*	-	15,487	*
Basketo Sp. Wereda	2,413	*	195	-	-	*	2,162	-
Konta Sp. Wereda	3,446	*	*	*	-	-	3,090	*
Silte	61,910	3,584	2,425	*	6,265	572	48,626	*
Alaba Sp. Wereda	24,897	1,422	1,432	-	3,915	-	18,129	-
Harari	14,989	596	343	*	1,482	*	12,294	*
Hundene	14,989	596	343	*	1,482	*	12,294	*
Addis Ababa	1,724	*	101	-	-	-	1,586	-
Zone 3	1,204	*	75	-	-	-	1,093	-
Zone 6	519	-	*	-	-	-	493	-
Dire Dawa	61,119	3,265	3,997	-	2,669	*	50,150	*

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

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Ethiopia	1,230,103	500,010	85,892	12,150	364,998	74,173	192,880
Tigray	1,409	*	*	-	*	*	*
North West Tigray	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-
Eastern Tigray	*	-	*	-	-	-	*
Southern Tigray	708	*	-	-	*	-	-
Western Tigray	*	*	*	-	*	*	*
Afar	-	-	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-
Amhara	231,445	41,257	61,479	2,458	28,319	44,397	53,533
North Gonder	31,042	7,190	*	-	5,197	*	6,143
South Gonder	18,794	2,901	*	*	*	*	11,783
North Wolo	12,612	1,619	*	-	*	*	*
South Wolo	31,106	6,472	*	*	7,775	*	13,644
North Shewa	30,940	5,769	*	-	10,095	*	6,200
East Gojam	46,027	12,776	9,905	-	2,851	11,305	9,191
West Gojam	12,640	*	2,778	*	-	3,033	*
Waghamera	*	-	*	-	-	-	-
Awi	48,005	2,280	29,544	*	*	12,495	*
Oromia	*	*	-	-	-	-	-
Oromia	748,805	347,769	17,847	5,007	258,414	19,410	100,358
West Wellega	4,203	*	-	-	1,315	*	-
East Wellega	37,982	17,412	*	*	14,626	*	4,294
Illubabor	24,363	7,354	*	*	7,089	*	*
Jimma	67,016	25,785	*	-	19,073	-	21,409
West Shewa	138,972	68,909	8,004	*	28,254	9,580	23,033
North Shewa	70,407	27,474	*	*	36,747	1,552	3,928
East Shewa	10,725	8,977	-	-	1,748	-	-
Arsi	174,335	82,459	*	*	79,515	*	*
West Harerghe	*	*	-	-	*	-	*
East Harerghe	*	-	-	-	*	-	-
Bale	113,444	57,715	*	981	34,983	*	19,285
Borena	1,690	1,567	-	-	*	-	-
South West Shewa	17,577	12,372	*	*	2,932	-	*
Guji	86,059	34,547	*	*	31,211	*	*

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	-	-	-	-	-	-	-
SNNP	247,438	109,478	6,392	4,684	77,852	10,282	38,750
Gurage	40,803	12,660	-	*	17,671	*	9,771
Hadiya	15,759	6,684	*	*	4,218	*	710
Kembata Tembaro	6,360	2,380	*	*	*	*	*
Sidama	54,684	26,801	*	*	21,369	-	*
Gedio	20,754	11,634	*	-	4,729	*	*
Wolayita	*	*	-	-	-	-	-
South Omo	8,059	3,479	*	*	3,870	*	-
Shaka	3,201	2,445	*	-	-	-	*
Kaffa	43,667	24,760	*	*	6,666	-	11,368
Gamo Gofa	20,818	3,396	*	*	5,970	*	*
Bench Maji	11,230	4,825	*	*	5,965	*	-
Yem Sp. Wereda	388	115	*	-	226	-	-
Amaro Sp. Wereda	2,545	1,451	-	-	686	-	408
Burji Sp. Wereda	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	-	-	*	*	-
Dawro	4,395	1,444	-	-	1,643	-	1,308
Basketo Sp. Wereda	275	122	89	-	64	-	-
Konta Sp. Wereda	667	379	-	-	*	-	*
Silte	11,521	5,327	-	*	1,980	*	3,710
Alaba Sp. Wereda	1,914	1,264	-	-	544	*	-
Harari	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-
Addis Ababa	408	378	*	-	*	*	-
Zone 3	258	238	-	-	*	*	-
Zone 6	149	140	*	-	-	-	-
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	3,272,653	1,130,335	284,717	35,035	1,372,064	358,267	92,235
Tigray	307,303	119,533	40,082	*	96,228	46,883	3,127
North West Tigray	50,245	14,638	7,016	-	20,316	7,853	*
Central Tigray	79,533	29,187	5,898	*	33,692	9,723	*
Eastern Tigray	54,563	9,934	13,840	*	14,075	15,242	1,368
Southern Tigray	93,668	45,080	10,816	*	23,472	12,677	*
Western Tigray	29,293	20,695	2,513	-	4,673	*	*
Afar	10,439	5,082	*	-	4,753	-	*
Zone 1	*	*	-	-	*	-	-
Zone 3	8,518	3,999	*	-	3,916	-	*
Amhara	1,093,441	291,035	94,643	8,632	443,746	199,408	55,977
North Gonder	152,170	59,667	11,040	*	64,535	12,432	*
South Gonder	118,516	24,337	*	*	71,126	9,067	9,646
North Wolo	103,232	19,093	16,529	*	25,556	36,804	4,392
South Wolo	202,386	54,439	16,510	*	72,096	30,280	27,169
North Shewa	203,042	82,082	*	*	91,062	16,283	3,571
East Gojam	124,539	18,313	19,639	*	34,143	47,153	*
West Gojam	100,160	12,306	10,718	*	42,495	33,307	*
Waghamera	35,835	10,928	6,054	-	10,905	7,711	*
Awi	33,521	5,589	*	*	18,926	5,230	1,608
Oromia	20,040	4,281	*	*	12,903	*	*
Oromia	1,485,707	563,913	123,632	12,439	662,436	100,876	22,411
West Wellega	89,983	38,722	*	*	39,442	*	-
East Wellega	81,313	28,000	3,502	*	41,268	*	*
Illubabor	11,068	4,845	*	*	4,116	*	*
Jimma	43,466	21,981	*	*	16,457	*	*
West Shewa	91,084	32,362	9,104	*	37,413	10,992	*
North Shewa	125,455	27,694	17,511	*	49,837	26,028	*
East Shewa	234,115	89,086	12,044	-	118,928	14,057	-
Arsi	230,877	88,691	*	*	129,245	*	3,961
West Harerghe	119,090	50,621	9,694	-	49,323	8,481	971
East Harerghe	135,459	45,602	38,621	*	33,091	11,651	*
Bale	150,198	71,356	*	*	71,613	*	3,382
Borena	51,462	20,767	*	*	26,378	*	*
South West Shewa	88,720	30,177	11,723	*	30,460	16,082	-
Guji	33,419	14,010	*	*	14,865	*	*

TABLE 3-11 CONT'D

Geographic Area	DONKEYS AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	69,804	30,838	*	*	30,252	*	*
Shinele	2,169	949	-	8	1,154	45	13
Jijiga	49,086	21,199	*	*	22,327	*	*
Liben	18,548	8,689	*	*	6,770	*	*
Benshangul-Gumuz	32,799	10,344	11,119	621	7,937	1,703	1,075
Metekel	14,956	2,518	9,734	*	*	1,178	-
Asosa	13,692	5,722	*	*	6,063	448	*
Kemeshi	4,152	2,104	725	449	448	*	349
SNNP	253,546	99,592	10,348	9,905	119,396	7,127	7,178
Gurage	33,656	18,014	-	-	15,202	-	*
Hadiya	35,549	7,639	-	*	25,440	*	*
Kembata Tembaro	19,714	14,786	-	*	3,618	-	*
Sidama	36,562	18,735	-	*	16,745	*	-
Gedio	2,057	1,755	*	-	*	-	-
Wolayita	31,268	12,981	*	7,911	*	*	4,585
South Omo	4,468	*	*	-	*	*	-
Shaka	1,192	1,154	*	-	-	-	-
Kaffa	*	*	-	-	*	-	-
Gamo Gofa	9,773	4,888	2,525	-	*	*	-
Bench Maji	*	*	-	-	*	-	-
Yem Sp. Wereda	2,284	893	*	-	989	*	*
Amaro Sp. Wereda	972	*	*	-	180	-	-
Burji Sp. Wereda	2,876	1,155	110	284	1,167	148	*
Konso Sp. Wereda	2,975	238	909	-	*	1,550	-
Derashe Sp. Wereda	7,517	*	5,503	*	*	1,704	-
Dawro	2,870	1,526	-	*	1,031	-	*
Basketo Sp. Wereda	*	*	*	-	-	-	-
Konta Sp. Wereda	*	*	-	-	-	-	-
Silte	45,306	11,672	-	-	33,634	-	-
Alaba Sp. Wereda	13,419	1,689	-	-	11,365	*	*
Harari	5,916	2,973	442	*	2,048	357	*
Hundene	5,916	2,973	442	*	2,048	357	*
Addis Ababa	5,683	4,290	643	-	589	161	-
Zone 3	3,687	3,022	506	-	159	-	-
Zone 6	1,997	1,269	137	-	430	161	-
Dire Dawa	8,016	2,735	332	-	4,680	*	-

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	299,452	131,923	8,690	4,478	142,956	8,327	3,078
Tigray	7,826	3,778	*	-	3,719	-	-
North West Tigray	*	*	-	-	*	-	-
Central Tigray	2,257	1,428	-	-	829	-	-
Eastern Tigray	*	*	*	-	757	-	-
Southern Tigray	2,948	*	*	-	1,381	-	-
Western Tigray	926	685	-	-	*	-	-
Afar	150	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-	-
Zone 3	150	*	-	-	*	-	-
Amhara	87,349	29,598	6,626	2,595	40,219	6,431	1,879
North Gonder	12,062	5,656	*	-	5,391	*	-
South Gonder	14,127	4,057	*	1,906	2,737	*	1,717
North Wolo	12,341	*	*	-	7,394	1,858	-
South Wolo	17,134	4,843	-	-	11,965	*	-
North Shewa	7,806	3,938	-	*	3,595	-	-
East Gojam	9,189	3,121	*	-	4,373	*	-
West Gojam	9,072	2,752	*	*	3,158	*	-
Waghamera	1,772	*	*	-	788	*	-
Awi	3,350	1,762	*	*	620	*	*
Oromia	*	*	-	-	*	-	-
Oromia	148,317	66,893	*	*	77,771	*	*
West Wellega	9,024	3,439	*	-	4,672	*	-
East Wellega	9,899	5,045	-	-	4,664	-	*
Illubabor	9,341	3,157	-	-	6,184	-	-
Jimma	24,448	4,548	-	-	19,502	-	*
West Shewa	8,011	3,765	-	*	3,498	*	-
North Shewa	4,339	1,255	-	-	3,084	-	-
East Shewa	7,835	7,009	-	-	826	-	-
Arsi	27,795	14,441	-	-	13,354	-	-
West Harerghe	2,299	*	-	-	*	-	-
East Harerghe	*	-	-	-	*	-	-
Bale	19,069	10,656	-	-	8,412	-	-
Borena	4,690	2,750	-	*	1,583	-	-
South West Shewa	12,458	5,290	*	-	6,575	*	-
Guji	8,829	4,004	*	-	4,369	-	-

TABLE 3-12 CONT'D

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALE			FEMALE		
		Transportation	Draught	Other	Transportation	Draught	Other
Somale	-	-	-	-	-	-	-
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	-	-	-	-	-	-	-
Benshangul-Gumuz	1,473	473	*	-	872	*	-
Metekel	1,048	318	*	-	602	*	-
Asosa	*	*	-	-	*	-	-
Kemeshi	210	*	-	-	120	-	-
SNNP	53,972	30,811	596	1,234	20,267	453	*
Gurage	1,900	*	-	-	1,526	-	*
Hadiya	9,345	5,405	-	*	3,558	-	-
Kembata Tembaro	1,588	1,055	*	-	430	-	-
Sidama	*	*	-	-	*	-	-
Gedio	4,454	2,257	-	*	2,020	-	-
Wolayita	*	*	-	-	902	-	-
South Omo	2,507	1,135	*	-	1,055	*	*
Shaka	*	*	-	-	*	-	-
Kaffa	12,357	9,166	*	*	2,100	*	*
Gamo Gofa	4,617	2,671	-	-	*	-	-
Bench Maji	2,070	845	-	-	*	-	-
Yem Sp. Wereda	113	*	-	-	90	-	-
Amaro Sp. Wereda	1,182	915	-	-	267	-	-
Burji Sp. Wereda	*	-	-	-	*	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	*	*	*	-	*	*	-
Dawro	3,700	2,289	-	*	1,334	-	-
Basketo Sp. Wereda	497	145	140	-	120	92	-
Konta Sp. Wereda	582	467	-	*	*	-	-
Silte	4,216	2,423	-	*	1,652	-	-
Alaba Sp. Wereda	513	208	-	-	305	-	-
Harari	*	*	-	-	-	-	-
Hundene	*	*	-	-	-	-	-
Addis Ababa	343	282	*	-	*	*	-
Zone 3	137	129	-	-	*	-	-
Zone 6	206	153	*	-	*	*	-
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	317,466	97,147	3,959	3,642	16,231	10,152	1,297	*	129,583	54,232
Tigray	30,777	26,867	*	*	*	-	-	-	-	-
North West Tigray	4,427	4,427	-	-	-	-	-	-	-	-
Central Tigray	6,469	4,854	-	*	*	-	-	-	-	-
Eastern Tigray	*	*	-	-	-	-	-	-	-	-
Southern Tigray	16,046	14,263	*	-	*	-	-	-	-	-
Western Tigray	1,963	*	-	*	*	-	-	-	-	-
Afar	79,534	14,091	1,983	*	1,589	1,893	*	*	42,286	16,569
Zone 1	*	6,226	*	-	*	*	*	-	*	*
Zone 3	65,903	7,865	*	*	*	*	*	*	38,781	14,670
Amhara	10,917	8,678	-	*	*	*	-	*	-	*
North Gonder	*	*	-	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-
North Wolo	2,752	2,752	-	-	-	-	-	-	-	-
South Wolo	*	*	-	-	-	*	-	-	-	-
North Shewa	*	*	-	-	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-
West Gojam	*	-	-	-	-	*	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-
Oromia	4,219	2,769	-	*	*	-	-	*	-	*
Oromia	84,764	15,788	*	*	2,986	2,619	*	-	45,178	*
West Wellega	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	-	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	-	-	*	-	-	-	*	*
Arsi	*	-	-	*	-	-	-	-	*	*
West Harerghe	11,000	*	-	*	*	*	-	-	*	*
East Harerghe	*	*	*	*	-	-	-	-	-	*
Bale	14,320	4,808	-	-	*	-	-	-	8,673	*
Borena	26,743	3,748	*	-	*	*	*	-	18,843	*
South West Shewa	-	-	-	-	-	-	-	-	-	-
Guji	*	*	-	-	*	*	-	-	*	*

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	105,367	29,544	756	*	8,847	4,610	*	*	39,557	20,609
Shinele	3,671	1,551	-	-	17	305	10	30	1,153	606
Jijiga	43,425	21,058	*	*	*	3,212	-	*	16,685	*
Liben	58,270	6,936	679	-	8,256	1,093	*	-	21,719	19,480
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-
SNNP	*	*	-	*	*	-	-	*	-	-
Gurage	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-
Sidama	*	*	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	*	-	-	-	*	-	-	-	-	-
Silte	*	-	-	*	-	-	-	*	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-
Harari	*	*	*	-	-	-	-	-	*	-
Hundene	*	*	*	-	-	-	-	-	*	-
Addis Ababa	-	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-	-
Dire Dawa	4,086	1,759	*	*	-	240	-	-	1,604	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	40,281,110	17,934,168	102,828	8,662	22,058,289	160,184	16,978
Tigray	2,622,166	1,286,206	2,861	*	1,325,950	5,954	*
North West Tigray	697,959	314,759	*	*	379,871	*	-
Central Tigray	592,961	327,968	*	-	264,829	-	-
Eastern Tigray	291,405	144,036	*	*	143,114	2,329	*
Southern Tigray	616,556	319,476	*	-	295,035	1,600	-
Western Tigray	423,285	179,967	*	*	243,101	*	-
Afar	317,108	71,596	-	-	245,512	-	-
Zone 1	119,954	22,282	-	-	97,672	-	-
Zone 3	197,154	49,314	-	-	147,840	-	-
Amhara	10,077,301	5,163,958	22,692	*	4,862,020	25,513	*
North Gonder	1,738,274	819,691	*	-	910,292	*	*
South Gonder	1,209,617	628,327	2,303	-	576,575	2,412	-
North Wolo	808,510	403,065	*	-	404,287	*	-
South Wolo	1,404,928	732,541	*	*	670,115	*	-
North Shewa	1,115,344	619,800	13,635	*	463,996	15,783	*
East Gojam	1,194,047	649,749	*	-	542,124	*	*
West Gojam	1,373,260	743,783	*	-	629,205	-	-
Waghamera	249,217	120,488	-	-	128,729	-	-
Awi	708,180	325,208	*	-	382,077	*	-
Oromia	275,925	121,306	-	-	154,619	-	-
Oromia	18,247,970	8,132,202	68,247	5,299	9,929,017	103,101	10,105
West Wellega	1,103,436	519,177	-	-	584,259	-	-
East Wellega	1,419,897	668,298	*	-	751,400	-	-
Illubabor	757,851	358,053	-	*	399,632	-	-
Jimma	1,856,632	875,090	-	-	980,793	*	-
West Shewa	1,728,925	822,797	*	-	890,597	*	-
North Shewa	1,176,407	545,269	24,772	2,700	567,339	32,502	3,826
East Shewa	1,402,079	684,833	*	*	714,309	*	-
Arsi	2,443,210	1,116,284	33,553	*	1,234,309	50,990	6,010
West Harerghe	844,219	377,789	-	-	465,435	*	-
East Harerghe	927,256	341,600	*	-	583,917	*	-
Bale	1,732,326	689,689	*	-	1,035,978	4,199	-
Borena	1,170,157	402,198	*	-	767,818	*	-
South West Shewa	740,129	398,412	*	*	340,729	*	*
Guji	945,445	332,713	-	-	612,503	*	-

TABLE 3-14 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	520,902	174,075	-	-	346,827	-	-
Shinele	12,322	3,457	-	-	8,866	-	-
Jijiga	370,063	130,615	-	-	239,448	-	-
Liben	138,517	40,004	-	-	98,514	-	-
Benshangul-Gumuz	350,390	158,059	-	-	192,331	-	-
Metekel	240,883	108,806	-	-	132,077	-	-
Asosa	68,927	31,863	-	-	37,063	-	-
Kemeshi	40,580	17,390	-	-	23,190	-	-
SNNP	8,043,173	2,906,437	8,740	*	5,097,343	24,812	4,036
Gurage	886,657	267,243	*	-	617,671	*	-
Hadiya	637,157	266,065	*	*	366,796	2,815	*
Kembata Tembaro	289,498	103,223	2,470	*	168,679	12,797	2,026
Sidama	1,488,065	346,891	*	-	1,136,907	3,876	-
Gedio	124,734	52,259	-	-	72,359	-	*
Wolayita	811,119	317,485	*	*	487,679	*	*
South Omo	481,145	182,616	*	-	296,515	*	-
Shaka	83,858	32,147	-	*	51,670	-	-
Kaffa	614,605	270,657	*	-	343,797	-	-
Gamo Gofa	939,980	345,180	*	-	592,523	*	*
Bench Maji	360,961	138,874	*	-	221,657	*	-
Yem Sp. Wereda	51,196	24,836	-	-	26,360	-	-
Amaro Sp. Wereda	95,735	42,282	-	-	53,453	-	-
Burji Sp. Wereda	32,528	17,762	-	-	14,767	-	-
Konso Sp. Wereda	89,426	43,006	-	-	46,420	-	-
Derashe Sp. Wereda	74,677	39,668	-	-	35,008	-	-
Dawro	300,702	112,160	-	-	188,542	-	-
Basketo Sp. Wereda	25,449	10,355	-	-	15,079	*	-
Konta Sp. Wereda	57,628	25,641	-	-	31,987	-	-
Silte	477,158	213,072	-	-	264,086	-	-
Alaba Sp. Wereda	120,893	55,014	*	-	65,388	*	-
Harari	37,395	13,388	*	-	23,741	*	-
Hundene	37,395	13,388	*	-	23,741	*	-
Addis Ababa	26,266	14,592	180	*	10,874	597	*
Zone 3	17,906	9,197	106	*	8,179	401	*
Zone 6	8,360	5,395	74	-	2,696	*	-
Dire Dawa	38,439	13,655	*	-	24,674	*	*

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	20,721,562	5,327,071	*	*	15,369,661	*	*
Tigray	813,546	207,452	*	*	604,970	*	-
North West Tigray	79,000	20,826	-	-	58,174	-	-
Central Tigray	213,888	58,835	-	-	155,053	-	-
Eastern Tigray	338,565	76,327	*	-	261,562	*	-
Southern Tigray	157,611	45,419	*	*	111,743	-	-
Western Tigray	*	*	-	-	*	-	-
Afar	156,880	39,572	-	*	117,284	-	-
Zone 1	47,393	11,404	-	-	35,990	-	-
Zone 3	109,487	28,169	-	*	81,294	-	-
Amhara	7,530,518	1,915,848	1,943	*	5,606,830	*	*
North Gonder	625,277	136,327	-	-	488,950	-	-
South Gonder	759,047	162,497	*	-	593,362	*	-
North Wolo	646,663	178,387	-	-	468,276	-	-
South Wolo	1,926,023	592,740	*	*	1,330,854	-	-
North Shewa	1,332,610	373,880	-	*	957,201	*	*
East Gojam	1,187,431	223,659	*	-	963,499	-	-
West Gojam	613,609	140,673	-	-	472,935	-	-
Waghamera	67,728	22,123	-	-	45,606	-	-
Awi	340,888	72,318	-	-	268,150	*	-
Oromia	31,241	13,243	-	-	17,998	-	-
Oromia	8,084,573	2,130,038	*	*	5,939,305	*	*
West Wellega	419,379	117,085	-	-	302,294	-	-
East Wellega	410,139	105,277	-	-	304,862	-	-
Illubabor	353,880	87,293	-	-	266,587	-	-
Jimma	820,764	202,925	-	-	617,839	-	-
West Shewa	1,051,199	259,405	-	-	791,793	-	-
North Shewa	1,097,904	294,069	-	-	803,598	-	*
East Shewa	389,421	99,250	-	-	290,171	-	-
Arsi	1,638,457	429,611	*	-	1,194,383	*	-
West Harerghe	175,205	50,326	-	-	124,879	-	-
East Harerghe	325,452	102,500	-	-	222,951	-	-
Bale	717,454	175,197	-	-	542,257	-	-
Borena	190,731	56,075	-	-	134,657	-	-
South West Shewa	191,041	69,612	-	*	121,128	-	-
Guji	303,547	81,412	-	-	221,905	*	-

TABLE 3-15 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	594,289	177,475	-	-	416,814	-	-
Shinele	32,502	8,486	-	-	24,016	-	-
Jijiga	416,193	126,095	-	-	290,098	-	-
Liben	145,594	42,894	-	-	102,700	-	-
Benshangul-Gumuz	68,931	20,995	-	-	47,936	-	-
Metekel	42,085	12,452	-	-	29,632	-	-
Asosa	13,167	4,391	-	-	8,776	-	-
Kemeshi	13,680	4,152	-	-	9,528	-	-
SNNP	3,403,098	815,579	*	-	2,586,924	*	-
Gurage	303,003	68,480	-	-	234,524	-	-
Hadiya	237,027	53,840	-	-	183,187	-	-
Kembata Tembaro	109,121	32,443	-	-	76,678	-	-
Sidama	390,097	80,484	-	-	309,614	-	-
Gedio	171,268	44,704	-	-	126,565	-	-
Wolayita	181,084	50,815	-	-	130,269	-	-
South Omo	353,483	97,433	-	-	256,050	-	-
Shaka	49,128	13,878	-	-	35,250	-	-
Kaffa	376,268	80,379	-	-	295,888	-	-
Gamo Gofa	478,036	95,423	*	-	382,019	*	-
Bench Maji	174,823	35,778	-	-	139,045	-	-
Yem Sp. Wereda	24,990	5,609	-	-	19,381	-	-
Amaro Sp. Wereda	50,835	12,826	-	-	38,008	-	-
Burji Sp. Wereda	3,128	837	-	-	2,290	-	-
Konso Sp. Wereda	81,837	32,971	-	-	48,866	-	-
Derashe Sp. Wereda	11,954	3,822	-	-	8,131	-	-
Dawro	99,014	26,823	-	-	72,191	-	-
Basketo Sp. Wereda	13,267	2,889	-	-	10,378	-	-
Konta Sp. Wereda	16,711	6,220	-	-	10,491	-	-
Silte	242,693	61,716	-	-	180,977	-	-
Alaba Sp. Wereda	35,330	8,208	-	-	27,122	-	-
Harari	4,501	1,438	-	-	3,048	-	*
Hundene	4,501	1,438	-	-	3,048	-	*
Addis Ababa	11,052	2,733	-	-	8,319	-	-
Zone 3	7,916	1,974	-	-	5,942	-	-
Zone 6	3,136	759	-	-	2,377	-	-
Dire Dawa	54,173	15,942	-	-	38,232	-	-

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

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Ethiopia	16,248,899	4,900,755	*	*	11,344,646	1,248	*
Tigray	2,399,808	674,437	*	*	1,723,877	*	*
North West Tigray	824,966	217,470	*	-	606,849	*	-
Central Tigray	844,113	256,651	-	-	587,462	-	-
Eastern Tigray	169,232	42,262	-	*	126,123	-	*
Southern Tigray	306,510	82,606	-	-	223,905	-	-
Western Tigray	254,986	75,449	-	-	179,537	-	-
Afar	411,047	101,785	-	-	309,263	-	-
Zone 1	122,518	25,714	-	-	96,804	-	-
Zone 3	288,529	76,071	-	-	212,458	-	-
Amhara	4,856,472	1,572,646	*	-	3,282,489	*	-
North Gonder	1,114,883	323,704	*	-	789,841	*	-
South Gonder	523,517	162,086	-	-	361,431	-	-
North Wolo	619,610	190,912	-	-	428,697	-	-
South Wolo	770,052	273,781	-	-	496,272	-	-
North Shewa	662,213	282,386	-	-	379,828	-	-
East Gojam	245,314	67,745	-	-	177,569	-	-
West Gojam	274,139	83,875	-	-	190,264	-	-
Waghamera	367,523	102,966	-	-	264,557	-	-
Awi	130,485	42,414	-	-	88,071	-	-
Oromia	148,737	42,778	-	-	105,958	-	-
Oromia	5,383,640	1,608,571	-	-	3,774,615	*	*
West Wellega	112,394	31,509	-	-	80,885	-	-
East Wellega	179,238	54,109	-	-	125,129	-	-
Illubabor	100,740	31,595	-	-	69,145	-	-
Jimma	240,997	65,371	-	-	175,626	-	-
West Shewa	236,991	70,555	-	-	166,436	-	-
North Shewa	176,218	56,465	-	-	119,753	-	-
East Shewa	588,092	155,232	-	-	432,861	-	-
Arsi	448,849	133,709	-	-	315,140	-	-
West Harerghe	741,514	244,054	-	-	497,460	-	-
East Harerghe	889,342	304,395	-	-	584,636	*	-
Bale	626,174	164,049	-	-	462,125	-	-
Borena	595,738	159,546	-	-	436,192	-	-
South West Shewa	183,195	60,907	-	-	122,145	-	*
Guji	264,156	77,074	-	-	187,082	-	-

TABLE 3-16 CONT'D

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Somale	668,619	200,694	-	-	467,925	-	-
Shinele	74,213	17,611	-	-	56,602	-	-
Jijiga	361,636	114,175	-	-	247,461	-	-
Liben	232,770	68,907	-	-	163,862	-	-
Benshangul-Gumuz	314,277	96,263	-	-	218,014	-	-
Metekel	114,281	36,230	-	-	78,051	-	-
Asosa	152,480	46,196	-	-	106,284	-	-
Kemeshi	47,516	13,837	-	-	33,678	-	-
SNNP	2,054,080	604,088	-	-	1,449,780	*	-
Gurage	118,585	36,338	-	-	82,247	-	-
Hadiya	112,961	28,448	-	-	84,512	-	-
Kembata Tembaro	41,075	9,431	-	-	31,431	*	-
Sidama	193,173	59,114	-	-	134,059	-	-
Gedio	9,410	2,223	-	-	7,186	-	-
Wolayita	120,000	30,711	-	-	89,289	-	-
South Omo	556,492	169,072	-	-	387,421	-	-
Shaka	8,455	2,255	-	-	6,201	-	-
Kaffa	102,293	25,234	-	-	77,058	-	-
Gamo Gofa	226,250	63,259	-	-	162,991	-	-
Bench Maji	41,030	11,818	-	-	29,212	-	-
Yem Sp. Wereda	19,256	4,534	-	-	14,722	-	-
Amaro Sp. Wereda	43,548	13,492	-	-	30,056	-	-
Burji Sp. Wereda	24,242	7,501	-	-	16,741	-	-
Konso Sp. Wereda	134,253	46,181	-	-	88,071	-	-
Derashe Sp. Wereda	67,589	24,154	-	-	43,436	-	-
Dawro	45,448	13,665	-	-	31,783	-	-
Basketo Sp. Wereda	4,222	997	-	-	3,225	-	-
Konta Sp. Wereda	8,556	2,875	-	-	5,680	-	-
Silte	128,662	38,323	-	-	90,339	-	-
Alaba Sp. Wereda	48,582	14,462	-	-	34,120	-	-
Harari	32,782	9,718	-	-	23,064	-	-
Hundene	32,782	9,718	-	-	23,064	-	-
Addis Ababa	4,079	1,219	-	-	2,861	-	-
Zone 3	2,801	825	-	-	1,976	-	-
Zone 6	1,278	394	-	-	885	-	-
Dire Dawa	124,094	31,335	-	-	92,759	-	-

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	32,032,199	3,364,375	1,464,934	2,954,955	1,128,647	12,517,998	10,601,290
Tigray	3,131,239	264,794	211,469	362,637	145,609	1,290,276	856,455
North West Tigray	789,638	57,370	63,096	89,336	25,710	371,592	182,534
Central Tigray	934,123	88,249	64,292	105,791	34,607	376,403	264,781
Eastern Tigray	420,529	37,211	23,622	67,175	16,417	106,991	169,113
Southern Tigray	586,680	58,736	29,191	58,670	52,239	227,454	160,390
Western Tigray	400,269	23,227	31,269	41,665	16,636	207,836	79,636
Afar	49,429	4,986	2,999	3,899	3,658	19,088	14,800
Zone 1	817	185	-	*	*	*	400
Zone 3	48,612	4,801	2,999	3,870	3,551	18,991	14,401
Amhara	9,400,917	1,045,473	383,553	861,632	324,241	3,698,834	3,087,184
North Gonder	2,137,788	168,723	118,522	227,902	65,170	1,045,075	512,396
South Gonder	990,287	74,180	31,384	81,851	31,740	424,904	346,227
North Wolo	979,818	187,848	50,327	84,745	30,885	329,901	296,111
South Wolo	1,417,326	281,191	40,699	85,992	70,146	403,223	536,074
North Shewa	1,151,952	126,037	26,955	97,802	31,283	376,711	493,163
East Gojam	622,652	53,243	19,819	62,982	26,143	161,208	299,258
West Gojam	1,147,231	74,831	53,049	120,228	28,932	524,864	345,327
Waghamera	254,309	25,480	10,558	30,160	7,461	113,335	67,315
Awi	467,490	31,232	24,409	46,881	23,308	206,495	135,166
Oromia	232,063	22,708	7,831	23,088	9,172	113,117	56,147
Oromia	12,226,799	1,389,282	519,200	1,051,623	494,642	4,449,053	4,322,999
West Wellega	1,388,427	170,351	67,604	147,895	55,060	560,970	386,548
East Wellega	894,843	109,056	41,514	70,601	36,617	389,698	247,356
Illubabor	705,480	83,113	35,557	63,155	22,563	255,955	245,137
Jimma	1,480,476	162,592	26,829	89,690	32,836	669,857	498,671
West Shewa	908,623	103,721	22,827	50,651	34,370	323,088	373,965
North Shewa	501,426	49,011	15,634	33,855	16,331	115,550	271,044
East Shewa	1,088,041	114,878	46,789	85,965	70,609	382,675	387,125
Arsi	1,365,259	156,191	61,905	128,328	57,421	419,948	541,465
West Harerghe	1,006,851	103,944	58,037	92,940	35,175	401,545	315,211
East Harerghe	976,583	117,102	46,765	117,158	56,172	244,156	395,230
Bale	567,696	66,581	33,115	65,684	10,964	195,128	196,223
Borena	374,562	39,911	26,922	42,623	8,819	148,737	107,551
South West Shewa	535,750	50,532	12,766	25,378	34,816	187,923	224,335
Guji	432,782	62,298	22,935	37,700	22,888	153,823	133,138

TABLE 3-17 – a CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	92,489	14,590	4,371	7,489	4,685	22,879	38,475
Shinele	3,907	515	206	495	93	1,038	1,560
Jijiga	54,388	10,109	2,839	4,142	2,561	9,719	25,017
Liben	34,194	3,966	1,326	2,852	2,031	12,122	11,898
Benshangul-Gumuz	635,634	56,690	38,915	62,787	12,894	312,258	152,091
Metekel	246,844	21,382	16,107	22,608	4,331	123,199	59,216
Asosa	295,511	26,272	16,026	27,897	6,731	147,097	71,489
Kemeshi	93,280	9,036	6,782	12,281	1,833	41,962	21,385
SNNP	6,391,051	575,776	299,392	595,561	139,134	2,698,083	2,083,106
Gurage	554,514	49,062	17,049	53,924	12,529	203,697	218,254
Hadiya	681,803	42,336	30,234	66,173	4,687	349,444	188,930
Kembata Tembaro	274,143	16,895	6,412	24,582	4,051	123,040	99,163
Sidama	803,856	50,847	29,489	70,579	*	329,734	315,117
Gedio	152,042	17,794	4,721	21,862	1,271	50,002	56,392
Wolayita	655,280	63,988	39,573	52,141	23,447	279,437	196,692
South Omo	350,004	38,369	22,881	46,208	4,777	136,841	100,929
Shaka	116,245	10,264	5,628	9,948	*	49,443	39,403
Kaffa	577,441	61,519	33,640	46,532	19,777	240,908	175,065
Gamo Gofa	573,071	59,886	29,312	49,736	10,676	239,281	184,181
Bench Maji	483,084	39,852	33,229	54,260	16,652	214,549	124,543
Yem Sp. Wereda	35,818	4,573	329	2,962	1,316	12,625	14,013
Amaro Sp. Wereda	60,163	7,787	2,486	5,118	1,113	25,849	17,811
Burji Sp. Wereda	24,919	3,147	1,467	1,997	637	10,160	7,511
Konso Sp. Wereda	109,341	15,480	6,365	13,073	2,637	38,404	33,383
Derashe Sp. Wereda	97,176	14,090	6,566	10,016	2,287	37,843	26,374
Dawro	154,894	19,152	8,607	10,562	7,218	55,731	53,624
Basketo Sp. Wereda	41,305	4,767	2,188	3,213	856	18,933	11,347
Konta Sp. Wereda	57,974	6,650	2,560	5,204	1,060	26,151	16,350
Silte	484,736	41,981	14,228	39,521	12,598	200,747	175,661
Alaba Sp. Wereda	103,241	7,338	2,427	7,950	1,897	55,265	28,364
Harari	33,329	3,926	2,320	2,985	783	11,565	11,750
Hundene	33,329	3,926	2,320	2,985	783	11,565	11,750
Addis Ababa	22,156	3,175	698	1,251	692	5,642	10,698
Zone 3	14,789	2,022	509	831	370	3,749	7,308
Zone 6	7,367	1,153	189	421	322	1,893	3,390
Dire Dawa	49,157	5,685	2,017	5,091	2,310	10,322	23,733

b. Indigenous Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	30,158,370	3,146,832	1,378,788	2,744,035	1,066,784	12,049,372	9,772,558
Tigray	2,723,566	225,223	186,291	296,581	128,813	1,160,655	726,004
North West Tigray	705,491	50,624	54,492	76,989	24,648	336,020	162,719
Central Tigray	815,151	76,398	57,947	93,533	31,809	334,970	220,493
Eastern Tigray	345,017	29,967	20,604	43,379	14,077	96,529	140,461
Southern Tigray	478,164	47,028	23,947	42,398	42,520	194,648	127,623
Western Tigray	379,743	21,207	29,301	40,281	15,760	198,488	74,707
Afar	49,054	4,928	2,999	3,899	3,658	19,088	14,483
Zone 1	*	*	-	*	*	*	*
Zone 3	48,519	4,801	2,999	3,870	3,551	18,991	14,308
Amhara	8,918,815	992,314	358,399	812,465	314,728	3,546,763	2,894,146
North Gonder	2,024,574	156,622	108,218	211,560	64,478	1,002,648	481,048
South Gonder	928,980	66,989	31,384	77,195	29,590	400,211	323,611
North Wolo	948,504	184,283	49,705	84,144	30,473	311,131	288,767
South Wolo	1,382,239	274,986	39,719	85,324	68,538	397,882	515,790
North Shewa	1,089,708	119,803	23,923	93,304	30,701	362,867	459,111
East Gojam	553,312	46,036	14,481	51,637	25,187	148,566	267,405
West Gojam	1,084,525	68,866	48,989	112,987	27,358	509,327	316,998
Waghamera	236,118	23,430	9,833	27,964	7,037	104,477	63,377
Awi	442,964	29,011	24,409	45,964	22,253	197,757	123,571
Oromia	227,893	22,289	7,740	22,386	9,113	111,898	54,468
Oromia	11,367,030	1,287,281	490,693	970,422	464,176	4,281,093	3,873,366
West Wellega	1,366,174	167,549	66,861	145,143	53,927	559,411	373,282
East Wellega	865,579	105,306	41,514	69,079	35,442	385,882	228,356
Illubabor	681,574	78,582	35,557	61,060	22,370	251,858	232,147
Jimma	1,397,771	152,062	25,854	84,957	31,975	638,883	464,039
West Shewa	842,224	94,782	21,452	46,824	33,313	314,464	331,389
North Shewa	410,600	41,939	15,634	30,442	13,897	104,737	203,952
East Shewa	986,020	105,872	41,617	80,127	64,973	365,891	327,539
Arsi	1,199,132	130,527	58,392	115,665	48,554	386,047	459,947
West Harerghe	952,205	98,174	57,276	89,974	32,203	385,228	289,350
East Harerghe	884,895	105,644	36,197	81,407	54,600	236,049	370,998
Bale	515,967	61,740	30,569	63,418	10,493	178,399	171,349
Borena	368,572	39,386	25,788	42,405	8,793	148,502	103,699
South West Shewa	476,164	44,324	11,047	22,220	30,747	180,373	187,452
Guji	420,152	61,393	22,935	37,700	22,888	145,369	129,867

TABLE 3-17 – b CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	91,033	14,146	4,352	7,489	4,618	22,713	37,716
Shinele	3,907	515	206	495	93	1,038	1,560
Jijiga	54,219	10,109	2,839	4,142	2,561	9,719	24,849
Liben	32,908	3,522	1,307	2,852	1,964	11,956	11,307
Benshangul-Gumuz	625,593	55,327	38,501	62,306	12,819	308,532	148,109
Metekel	241,888	20,679	15,874	22,351	4,282	121,244	57,459
Asosa	290,914	25,669	15,878	27,674	6,731	145,326	69,637
Kemeshi	92,791	8,979	6,749	12,281	1,806	41,962	21,013
SNNP	6,285,857	556,137	292,779	582,187	134,475	2,683,952	2,036,326
Gurage	543,138	45,477	16,419	53,517	12,529	203,276	211,919
Hadiya	672,645	40,549	28,378	64,501	4,687	349,070	185,460
Kembata Tembaro	261,103	15,050	6,303	19,769	3,940	121,493	94,548
Sidama	788,512	49,331	29,489	68,929	*	328,561	304,113
Gedio	149,556	17,638	4,481	21,569	760	50,002	55,107
Wolayita	649,208	63,407	39,194	51,722	20,846	279,437	194,602
South Omo	346,182	38,000	22,570	46,208	4,777	135,206	99,422
Shaka	113,052	9,498	5,170	9,659	*	48,747	38,482
Kaffa	561,518	58,354	32,220	45,073	18,739	236,539	170,592
Gamo Gofa	566,357	58,827	29,066	49,324	10,676	237,652	180,812
Bench Maji	479,118	39,114	33,229	53,653	16,652	214,358	122,112
Yem Sp. Wereda	35,233	4,464	329	2,870	1,316	12,468	13,785
Amaro Sp. Wereda	58,771	7,429	2,334	4,963	1,113	25,548	17,384
Burji Sp. Wereda	24,801	3,118	1,435	1,966	637	10,160	7,484
Konso Sp. Wereda	107,989	15,367	5,861	12,629	2,637	38,288	33,207
Derashe Sp. Wereda	95,750	13,728	6,566	9,979	2,257	37,540	25,680
Dawro	154,290	18,729	8,607	10,562	7,218	55,731	53,443
Basketo Sp. Wereda	40,124	4,554	2,114	3,033	838	18,482	11,102
Konta Sp. Wereda	57,751	6,594	2,531	5,147	1,060	26,151	16,267
Silte	478,596	39,719	14,098	39,258	12,310	200,357	172,854
Alaba Sp. Wereda	102,164	7,191	2,385	7,855	1,897	54,886	27,950
Harari	32,462	3,776	2,249	2,841	783	11,510	11,302
Hundene	32,462	3,776	2,249	2,841	783	11,510	11,302
Addis Ababa	20,938	2,989	655	1,181	653	5,518	9,942
Zone 3	13,900	1,897	466	760	360	3,667	6,750
Zone 6	7,039	1,093	189	421	294	1,851	3,192
Dire Dawa	44,019	4,709	1,870	4,665	2,061	9,549	21,165

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	1,394,476	160,338	73,198	133,142	42,268	423,065	562,465
Tigray	340,152	30,382	22,432	39,028	13,426	125,278	109,605
North West Tigray	81,571	5,697	8,604	11,945	1,062	35,573	18,690
Central Tigray	99,684	9,825	6,091	8,689	2,495	38,581	34,003
Eastern Tigray	47,248	4,239	*	6,304	1,448	9,473	24,305
Southern Tigray	91,503	8,836	4,291	10,706	7,545	32,303	27,823
Western Tigray	20,145	1,786	1,967	1,384	876	9,348	4,784
Afar	*	*	-	-	-	-	*
Zone 1	*	*	-	-	-	-	*
Zone 3	*	-	-	-	-	-	*
Amhara	406,086	35,485	24,956	46,174	8,378	137,875	153,217
North Gonder	95,832	6,356	10,304	15,127	*	39,881	23,471
South Gonder	52,873	5,214	-	4,366	2,150	24,062	17,080
North Wolo	19,675	3,153	*	*	*	*	6,512
South Wolo	26,782	4,297	*	*	*	*	14,223
North Shewa	54,844	3,648	*	*	*	*	29,516
East Gojam	59,655	4,299	5,338	10,582	*	*	25,838
West Gojam	56,398	5,406	*	7,005	*	15,536	23,614
Waghamera	15,535	1,450	*	*	*	*	2,729
Awi	20,506	1,242	-	917	1,055	*	8,554
Oromia	3,987	*	-	*	*	*	1,679
Oromia	551,367	78,749	19,108	37,881	18,390	142,047	255,191
West Wellega	13,049	*	*	2,751	*	*	5,487
East Wellega	15,423	3,370	-	*	*	3,816	6,249
Illubabor	16,381	3,436	-	*	-	4,097	7,470
Jimma	61,120	9,010	*	*	-	*	19,183
West Shewa	53,398	7,524	*	2,792	*	*	33,812
North Shewa	46,170	4,434	-	*	*	10,813	27,389
East Shewa	78,421	8,054	4,921	4,615	4,352	13,149	43,330
Arsi	118,722	19,957	3,513	9,819	4,027	29,383	52,021
West Harerghe	29,936	3,827	*	*	*	15,754	7,211
East Harerghe	32,705	8,632	*	1,853	*	8,107	10,575
Bale	34,690	3,664	*	*	*	10,737	15,241
Borena	4,307	*	*	*	-	-	2,785
South West Shewa	41,150	4,554	*	2,764	3,926	6,309	22,021
Guji	*	*	-	-	-	*	2,416

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	8,382	961	*	*	*	3,726	2,851
Metekel	4,305	*	*	*	*	*	1,439
Asosa	*	*	*	*	-	*	*
Kemeshi	*	*	-	-	*	-	*
SNNP	82,207	13,687	6,039	9,214	1,739	13,075	38,453
Gurage	8,870	2,332	*	*	-	*	5,287
Hadiya	*	*	*	*	-	*	1,055
Kembata Tembaro	7,692	1,078	*	*	*	*	3,431
Sidama	*	*	-	*	-	*	*
Gedio	1,176	-	*	*	*	-	*
Wolayita	2,723	*	*	*	*	-	1,667
South Omo	*	*	*	-	-	*	*
Shaka	2,782	*	*	*	-	*	785
Kaffa	14,962	2,749	*	1,459	*	*	4,327
Gamo Gofa	6,072	*	*	*	-	*	3,368
Bench Maji	3,730	*	-	*	-	*	2,305
Yem Sp. Wereda	448	*	-	*	-	*	136
Amaro Sp. Wereda	1,053	272	*	*	-	*	358
Burji Sp. Wereda	*	*	*	*	-	-	*
Konso Sp. Wereda	1,352	*	*	*	-	*	*
Derashe Sp. Wereda	883	289	-	-	-	*	*
Dawro	*	*	-	-	-	-	*
Basketo Sp. Wereda	1,146	*	*	*	*	451	228
Konta Sp. Wereda	*	*	-	*	-	-	*
Silte	4,539	1,219	-	*	*	*	2,378
Alaba Sp. Wereda	984	*	*	*	-	*	363
Harari	365	*	*	*	-	-	*
Hundene	365	*	*	*	-	-	*
Addis Ababa	1,048	176	43	*	*	*	623
Zone 3	792	117	43	*	*	*	470
Zone 6	256	*	-	-	-	*	154
Dire Dawa	4,146	741	*	*	*	774	1,915

d. Exotic Breeds

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	479,354	57,205	*	77,778	19,594	45,560	266,267
Tigray	67,521	9,189	*	27,028	3,370	*	20,846
North West Tigray	2,576	1,049	-	*	-	-	*
Central Tigray	19,288	2,027	*	3,569	*	*	10,285
Eastern Tigray	*	*	*	*	*	*	4,347
Southern Tigray	17,013	2,873	*	5,566	2,174	*	4,944
Western Tigray	*	*	-	-	-	-	*
Afar	*	*	-	-	-	-	*
Zone 1	*	*	-	-	-	-	*
Zone 3	-	-	-	-	-	-	-
Amhara	76,015	17,673	*	2,993	*	*	39,821
North Gonder	17,383	5,746	-	*	-	*	7,876
South Gonder	8,434	1,977	-	*	-	*	5,535
North Wolo	*	*	-	*	-	*	*
South Wolo	8,306	1,908	-	-	*	-	6,062
North Shewa	7,400	2,587	-	*	-	-	*
East Gojam	9,685	*	-	*	-	-	6,015
West Gojam	6,308	*	-	*	*	-	4,714
Waghamera	*	*	*	-	-	*	*
Awi	*	*	-	-	-	-	*
Oromia	*	-	*	*	-	-	-
Oromia	308,402	23,252	*	*	12,076	25,913	194,442
West Wellega	9,204	*	*	-	-	-	7,778
East Wellega	13,840	*	-	*	*	-	12,751
Illubabor	7,524	1,095	-	*	*	-	*
Jimma	21,584	*	*	*	*	*	15,448
West Shewa	13,001	*	*	*	-	*	8,764
North Shewa	44,657	2,638	-	*	*	-	39,704
East Shewa	23,600	*	*	*	*	*	16,256
Arsi	47,405	5,706	-	*	*	*	29,497
West Harerghe	24,710	1,942	*	*	*	*	18,650
East Harerghe	*	2,827	*	*	*	-	13,658
Bale	17,039	*	-	-	*	*	9,634
Borena	1,683	*	-	-	*	*	1,067
South West Shewa	18,436	1,654	*	*	*	*	14,861
Guji	*	*	-	-	-	*	*

TABLE 3 -17 – d CONT'D

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Somale	*	*	-	-	*	-	*
Shinele	-	-	-	-	-	-	-
Jijiga	-	-	-	-	-	-	-
Liben	*	*	-	-	*	-	*
Benshangul-Gumuz	*	*	*	*	-	-	*
Metekel	*	*	-	*	-	-	*
Asosa	*	*	-	-	-	-	*
Kemeshi	*	-	*	-	-	-	*
SNNP	22,987	5,951	574	*	*	*	8,326
Gurage	2,507	1,253	-	*	-	-	*
Hadiya	*	*	-	-	-	-	*
Kembata Tembaro	*	768	-	*	-	-	1,185
Sidama	*	*	-	-	-	-	*
Gedio	1,310	*	*	*	*	-	*
Wolayita	*	*	*	*	*	-	*
South Omo	-	-	-	-	-	-	-
Shaka	412	186	-	*	*	-	*
Kaffa	961	*	-	-	*	*	*
Gamo Gofa	*	-	-	-	-	*	-
Bench Maji	*	*	-	-	-	-	*
Yem Sp. Wereda	*	*	-	-	-	-	*
Amaro Sp. Wereda	339	*	*	*	-	-	*
Burji Sp. Wereda	*	*	*	*	-	-	*
Konso Sp. Wereda	-	-	-	-	-	-	-
Derashe Sp. Wereda	544	*	-	*	*	*	291
Dawro	*	*	-	-	-	-	*
Basketo Sp. Wereda	*	*	-	-	-	-	*
Konta Sp. Wereda	*	-	*	*	-	-	-
Silte	*	*	*	-	-	-	*
Alaba Sp. Wereda	*	*	-	-	-	-	*
Harari	501	89	-	*	-	*	280
Hundene	501	89	-	*	-	*	280
Addis Ababa	170	*	-	-	*	-	133
Zone 3	97	*	-	-	-	-	89
Zone 6	*	-	-	-	*	-	*
Dire Dawa	992	*	-	*	-	-	652

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

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Ethiopia	4,012,515	41,541,383	3,957,737	1.49	40,620,397	18,605	1.38	242,466	36,172	1.36	678,520
Tigray	182,341	1,736,711	165,956	1.46	1,447,624	1,444	1.12	*	14,942	1.39	269,547
North West Tigray	33,906	419,307	31,685	1.64	342,037	*	*	*	1,927	2.68	*
Central Tigray	48,663	523,432	45,294	1.24	480,670	*	*	*	2,938	1.22	37,998
Eastern Tigray	39,576	393,758	29,877	1.47	245,917	*	*	*	9,112	1.2	144,783
Southern Tigray	46,180	267,683	45,149	1.47	247,794	*	*	*	*	*	*
Western Tigray	14,016	132,531	13,950	1.84	131,207	-	-	-	*	*	*
Afar	447	2,074	447	1.49	2,074	-	-	-	-	-	-
Zone 1	*	*	*	*	*	-	-	-	-	-	-
Zone 3	434	*	434	1.46	*	-	-	-	-	-	-
Amhara	791,661	6,408,656	780,099	1.39	6,251,093	6,721	1.51	*	4,842	1.33	56,992
North Gonder	175,788	1,597,718	174,632	1.61	1,573,760	*	*	*	*	*	*
South Gonder	98,399	787,646	97,358	1.26	781,802	*	*	*	*	*	*
North Wolo	55,834	259,214	53,853	1.29	251,150	*	-	-	*	*	*
South Wolo	82,102	485,243	81,017	1.42	468,446	*	*	*	-	-	-
North Shewa	53,181	246,180	52,046	1.25	238,882	*	*	*	-	-	-
East Gojam	80,829	715,995	77,617	1.64	645,949	*	*	*	*	*	*
West Gojam	118,663	1,397,488	118,399	1.25	1,392,213	*	*	*	-	-	-
Waghamera	46,932	216,360	46,367	1.15	214,928	*	*	*	*	*	*
Awi	68,078	609,118	66,954	1.4	590,270	*	*	*	*	*	*
Oromia	11,855	93,694	11,855	1.6	93,694	-	-	-	-	-	-
Oromia	2,155,768	23,558,234	2,140,620	1.48	23,199,322	*	1.23	*	*	1.16	*
West Wellega	491,599	5,046,382	486,961	1.19	*	-	-	-	*	*	*
East Wellega	197,854	1,412,470	197,667	1.07	1,410,602	-	*	-	*	*	*
Illubabor	374,261	1,839,982	373,165	1.46	1,807,098	*	*	*	-	-	-
Jimma	338,262	2,465,290	330,525	1.69	2,336,084	*	*	*	*	*	*
West Shewa	165,390	1,778,754	165,390	1.41	1,778,754	-	*	-	-	-	-
North Shewa	36,281	207,278	36,281	1.64	207,278	-	-	-	-	-	-
East Shewa	28,217	195,188	27,341	1.67	*	-	-	-	*	*	*
Arsi	128,947	782,417	128,610	1.43	782,417	*	-	-	-	-	-
West Harerghe	50,635	500,305	50,635	2.03	500,305	-	-	-	-	-	-
East Harerghe	58,125	368,364	58,125	1.29	368,364	-	-	-	-	-	-
Bale	112,311	*	112,035	1.32	*	*	*	*	-	-	-
Borena	60,865	533,460	60,865	1.8	533,460	-	-	-	-	-	-
South West Shewa	44,429	250,070	44,429	1.98	250,070	-	-	-	-	-	-
Guji	68,592	362,541	68,592	1.39	362,541	-	-	-	-	-	-

TABLE 3-18 CONT'D

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Somale	*	*	*	*	*	-	-	-	-	-	-
Shinele	-										
Jijiga	*	*	*	*	*	-	-	-	-	-	-
Liben	*	*	*	*	*	-	-	-	-	-	-
Benshangul-Gumuz	153,829	583,820	153,587	1.29	582,113	-	-	-	*	*	*
Metekel	87,346	408,035	87,162	1.29	406,559	-	-	-	*	*	*
Asosa	51,857	142,489	51,800	1.37	142,259	-	-	-	*	*	*
Kemeshi	14,626	33,296	14,626	1.04	33,296	-	-	-	-	-	-
SNNP	720,692	9,213,231	709,270	1.71	9,100,516	*	1.48	*	3,978	1.57	40,610
Gurage	37,153	205,677	36,382	2.05	194,769	*	*	*	*	*	*
Hadiya	43,264	414,672	43,264	1.87	414,672	-	-	-	-	-	-
Kembata Tembaro	17,177	167,724	17,177	2.55	167,724	-	-	-	-	-	-
Sidama	54,887	*	52,797	1.57	*	-	-	-	*	*	*
Gedio	17,860	57,568	17,860	1.15	57,568	-	-	-	-	-	-
Wolayita	16,006	82,958	14,223	3.05	70,765	*	*	*	*	*	*
South Omo	68,977	543,489	68,870	1.79	538,707	*	*	*	-	-	-
Shaka	84,998	432,666	84,780	1.19	431,087	218	*	*	-	-	-
Kaffa	193,954	1,063,428	189,970	1.11	1,011,893	*	*	*	-	-	-
Gamo Gofa	52,353	363,463	52,127	1.7	359,859	*	*	*	-	-	-
Bench Maji	49,571	498,705	48,868	2.36	497,626	*	-	-	*	*	*
Yem Sp. Wereda	6,982	53,553	6,859	1.4	52,814	*	*	*	*	*	*
Amaro Sp. Wereda	4,350	18,670	4,317	1.34	18,274	*	*	*	-	-	-
Burji Sp. Wereda	739	1,546	739	1.11	1,546	-	-	-	-	-	-
Konso Sp. Wereda	11,075	*	11,075	1.58	*	-	-	-	-	-	-
Derashe Sp. Wereda	4,934	39,626	4,934	1.51	39,626	-	-	-	-	-	-
Dawro	20,278	156,029	20,132	1.51	155,592	*	*	*	-	-	-
Basketo Sp. Wereda	1,648	8,804	1,648	1.46	8,804	-	-	-	-	-	-
Konta Sp. Wereda	9,348	*	9,348	1.88	*	-	-	-	-	-	-
Silte	19,485	157,114	18,245	1.67	143,840	*	*	*	*	*	*
Alaba Sp. Wereda	5,653	51,137	5,653	1.69	51,137	-	-	-	-	-	-
Harari	596	4,290	596	1.5	3,595	-	-	-	-	*	*
Hundene	596	4,290	596	1.5	3,595	-	-	-	-	*	*
Addis Ababa	391	3,276	373	1.75	2,968	*	-	-	*	*	*
Zone 3	139	836	129	1.78	836	*	-	-	-	-	-
Zone 6	252	2,440	244	1.71	2,132	-	-	-	*	*	*
Dire Dawa	734	2,406	734	1.78	2,406	-	-	-	-	-	-

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	7,497,839	3,649,538	3,848,301	2,890,817	1,733,422	1,157,394	446,418	185,550	260,868
Tigray	452,029	218,944	233,085	196,660	121,755	74,905	20,513	10,445	10,068
North West Tigray	123,039	55,689	67,351	31,644	18,057	13,588	3,570	1,953	1,617
Central Tigray	86,101	44,671	41,431	48,736	33,350	15,386	7,703	4,106	3,597
Eastern Tigray	46,367	22,390	23,977	32,322	18,781	13,540	*	*	*
Southern Tigray	100,846	48,778	52,068	67,392	43,649	23,743	6,494	3,102	3,393
Western Tigray	95,675	47,418	48,258	16,566	7,917	8,648	1,772	891	881
Afar	88,397	32,269	56,128	6,885	2,514	4,372	*	*	*
Zone 1	33,402	10,896	22,506	572	461	111	361	49	312
Zone 3	54,994	21,372	33,622	6,313	2,052	4,261	*	*	*
Amhara	1,483,955	715,212	768,743	854,888	597,464	257,424	54,423	23,749	30,674
North Gonder	294,700	137,605	157,094	165,558	*	32,913	8,568	3,787	4,781
South Gonder	173,026	85,282	87,744	71,298	40,611	30,688	2,883	*	*
North Wolo	134,978	66,123	68,856	87,727	57,708	30,019	5,320	1,451	3,869
South Wolo	215,296	109,870	105,427	147,561	102,936	44,626	7,056	3,098	3,958
North Shewa	142,019	72,663	69,355	121,910	93,191	28,719	7,144	3,286	3,858
East Gojam	140,617	62,885	77,732	88,227	56,783	31,444	5,992	2,250	3,742
West Gojam	171,282	83,486	87,796	99,636	70,350	29,285	11,088	4,405	6,683
Waghamera	43,756	20,505	23,251	7,677	5,780	1,898	1,094	591	*
Awi	106,883	50,060	56,823	38,176	23,121	15,055	2,346	*	1,169
Oromia	61,397	26,732	34,665	27,116	14,340	12,777	2,930	1,936	994
Oromia	3,518,956	1,726,771	1,792,184	1,140,097	693,830	446,267	198,262	82,914	115,348
West Wellega	216,263	99,273	116,990	85,857	51,279	34,578	4,659	1,479	3,180
East Wellega	243,391	118,974	124,417	63,302	34,925	28,377	3,336	*	2,137
Illubabor	138,691	68,161	70,531	61,767	37,311	24,456	5,301	2,255	3,047
Jimma	328,488	162,743	165,745	120,590	84,259	36,331	33,973	11,207	22,766
West Shewa	286,983	137,001	149,982	113,816	67,583	46,234	27,457	14,318	13,139
North Shewa	207,787	102,548	105,239	105,036	63,936	41,100	29,523	13,641	15,882
East Shewa	259,687	124,992	134,696	73,372	50,878	22,494	9,574	4,441	5,133
Arsi	451,297	226,169	225,128	160,502	101,548	58,954	11,277	3,897	7,379
West Harerghe	190,018	97,653	92,365	65,940	37,665	28,275	14,736	5,736	9,000
East Harerghe	201,987	105,624	96,364	59,294	29,742	29,552	17,166	7,780	9,386
Bale	360,932	173,931	187,000	85,941	52,049	33,892	9,291	2,913	6,378
Borena	315,526	155,344	160,182	51,875	27,547	24,328	12,908	4,734	8,174
South West Shewa	117,249	54,225	63,023	58,692	38,871	19,822	15,864	8,467	7,397
Guji	200,656	100,133	100,523	34,112	16,239	17,873	3,198	847	2,351

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	133,142	61,327	71,815	4,911	1,865	3,045	1,293	492	801
Shinele	2,843	1,360	1,483	172	45	127	80	26	54
Jijiga	98,359	46,608	51,751	2,363	*	1,505	816	317	499
Liben	31,940	13,359	18,581	2,375	962	1,413	397	*	248
Benshangul-Gumuz	72,652	35,828	36,824	27,448	16,653	10,795	1,915	*	1,071
Metekel	49,501	23,495	26,006	13,926	8,222	5,704	*	*	*
Asosa	13,577	7,529	6,048	9,292	5,518	3,774	*	-	*
Kemeshi	9,574	4,805	4,769	4,230	2,913	1,317	*	*	*
SNNP	1,726,500	848,054	878,446	653,970	295,680	358,290	165,359	65,606	99,753
Gurage	179,394	85,682	93,712	72,465	21,804	50,661	16,959	3,207	13,751
Hadiya	121,735	62,577	59,157	62,977	33,150	29,826	10,444	5,728	4,717
Kembata Tembaro	58,045	30,161	27,884	32,751	15,332	17,418	8,682	3,375	5,306
Sidama	358,687	170,480	188,207	102,665	22,179	80,486	9,261	2,137	7,125
Gedio	20,572	11,561	9,011	44,276	28,103	16,173	7,112	4,118	2,993
Wolayita	182,886	90,203	92,683	96,451	50,213	46,238	8,419	3,835	4,584
South Omo	100,982	47,055	53,926	11,780	5,686	6,093	13,670	7,054	6,616
Shaka	23,436	11,704	11,732	8,428	4,109	4,319	2,581	984	1,597
Kaffa	147,486	76,062	71,424	53,088	29,879	23,210	10,646	3,889	6,757
Gamo Gofa	193,837	96,087	97,749	59,756	29,141	30,615	30,085	9,285	20,800
Bench Maji	93,511	46,513	46,998	27,590	10,742	16,848	18,445	6,410	12,036
Yem Sp. Wereda	6,194	2,981	3,213	3,067	2,072	995	1,092	459	633
Amaro Sp. Wereda	16,220	8,580	7,639	5,463	3,749	1,713	431	175	*
Burji Sp. Wereda	4,614	2,176	2,438	1,572	1,079	493	*	-	*
Konso Sp. Wereda	14,513	6,651	7,862	4,999	3,169	1,830	4,470	2,347	2,122
Derashe Sp. Wereda	12,891	5,636	7,254	6,005	3,777	2,228	1,986	707	1,279
Dawro	62,187	31,491	30,696	23,335	11,220	12,115	1,523	*	*
Basketo Sp. Wereda	5,058	2,166	2,892	2,287	1,130	1,157	1,127	386	742
Konta Sp. Wereda	13,485	7,115	6,370	5,071	2,739	2,331	697	347	350
Silte	84,670	40,038	44,632	25,751	13,919	11,832	15,535	9,040	6,495
Alaba Sp. Wereda	26,099	13,133	12,966	4,194	2,487	1,707	2,178	1,269	909
Harari	8,886	4,600	4,286	2,415	1,398	1,017	960	391	569
Hundene	8,886	4,600	4,286	2,415	1,398	1,017	960	391	569
Addis Ababa	3,355	1,567	1,788	1,942	1,512	430	61	43	18
Zone 3	2,341	1,124	1,218	1,199	893	306	27	*	18
Zone 6	1,014	443	570	743	619	124	*	*	-
Dire Dawa	9,968	4,965	5,003	1,601	751	850	861	310	552

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	9,184,703	4,350,016	4,834,687	3,204,014	1,387,315	1,816,699	335,113	61,719	273,394
Tigray	332,172	154,329	177,843	124,396	26,900	97,496	3,661	1,619	2,042
North West Tigray	35,707	17,829	17,878	4,653	*	3,723	-	-	-
Central Tigray	85,996	39,301	46,695	11,850	1,594	10,257	*	*	*
Eastern Tigray	136,563	63,209	73,354	65,397	7,386	58,011	840	*	*
Southern Tigray	66,270	30,207	36,063	39,466	16,164	23,302	*	*	*
Western Tigray	*	*	3,852	3,030	*	2,204	*	-	*
Afar	58,446	21,142	37,304	8,526	4,012	4,514	2,889	994	1,894
Zone 1	19,013	6,762	12,251	2,782	1,940	842	*	*	*
Zone 3	39,432	14,380	25,053	5,744	2,072	3,672	2,778	959	1,819
Amhara	3,416,948	1,619,976	1,796,972	1,492,829	736,200	756,629	84,929	11,362	73,566
North Gonder	274,854	120,206	154,648	93,636	30,336	63,300	*	*	*
South Gonder	384,304	177,119	207,184	89,820	24,018	65,802	8,116	*	7,505
North Wolo	262,192	114,871	147,321	198,805	*	68,377	*	*	*
South Wolo	901,080	446,981	454,099	425,416	187,735	*	13,184	*	11,059
North Shewa	565,906	265,836	300,070	94,316	37,971	56,346	17,303	1,062	16,241
East Gojam	548,964	256,566	292,398	262,854	127,939	134,915	11,311	*	9,725
West Gojam	277,988	138,485	139,503	191,590	118,286	73,303	*	993	*
Waghamera	26,152	13,423	12,730	4,210	1,594	2,615	*	*	*
Awi	165,851	81,567	84,284	115,817	66,194	49,623	4,216	*	3,470
Oromia	9,657	4,921	4,736	16,366	11,699	4,667	*	-	*
Oromia	3,757,392	1,812,574	1,944,819	1,107,135	478,912	628,224	133,070	27,369	105,701
West Wellega	190,969	88,650	102,319	45,385	7,084	38,301	*	*	*
East Wellega	180,476	83,500	96,976	30,037	5,449	24,588	*	*	*
Illubabor	166,036	81,213	84,823	41,265	15,076	26,189	3,555	*	3,381
Jimma	345,044	177,205	167,839	145,651	53,576	92,075	32,640	2,711	29,928
West Shewa	491,489	243,423	248,067	95,527	27,137	68,389	18,768	*	17,702
North Shewa	558,891	262,064	296,827	317,065	231,529	85,536	35,730	*	19,346
East Shewa	170,118	76,605	93,513	40,655	10,209	30,446	*	*	1,976
Arsi	881,410	429,836	451,574	157,809	33,625	124,185	10,310	1,709	8,601
West Harerghe	67,343	35,569	31,774	24,044	7,023	17,021	*	-	*
East Harerghe	118,562	63,153	55,409	33,335	16,478	16,857	8,525	*	7,557
Bale	328,351	147,412	180,939	69,675	20,873	48,801	10,368	*	8,435
Borena	83,634	37,929	45,705	20,081	4,825	15,256	1,260	*	877
South West Shewa	67,277	33,005	34,272	51,680	36,411	15,269	3,606	*	2,912
Guji	107,792	53,012	54,780	34,926	9,617	25,309	-	-	-

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	189,459	91,482	97,977	10,111	2,530	7,581	1,346	391	955
Shinele	11,728	4,849	6,879	1,007	780	227	365	120	245
Jijiga	129,470	66,468	63,002	6,197	962	5,236	*	*	*
Liben	48,261	20,164	28,096	2,907	788	2,119	646	*	*
Benshangul-Gumuz	33,800	16,025	17,775	16,271	5,673	10,598	*	-	*
Metekel	17,905	9,021	8,884	10,277	4,352	5,925	*	-	*
Asosa	9,393	4,096	5,296	2,947	462	2,486	-	-	-
Kemeshi	6,502	2,908	3,594	3,046	859	2,188	*	-	*
SNNP	1,370,932	623,615	747,318	437,092	127,242	309,851	107,526	19,445	88,082
Gurage	133,758	62,412	71,346	40,273	12,826	27,447	6,916	*	5,855
Hadiya	98,611	46,255	52,356	39,188	5,601	33,587	10,182	*	9,639
Kembata Tembaro	40,341	16,257	24,084	22,075	12,167	9,908	8,442	2,084	6,358
Sidama	164,544	65,573	98,971	55,880	7,597	48,283	3,581	*	2,672
Gedio	71,078	33,185	37,893	38,590	9,004	29,587	*	*	843
Wolayita	53,915	24,403	29,512	37,831	12,003	25,829	3,159	*	2,757
South Omo	125,467	53,563	71,904	10,159	3,533	6,625	12,043	1,481	10,562
Shaka	26,191	14,276	11,915	11,711	4,227	7,485	773	*	618
Kaffa	195,287	94,698	100,589	34,719	13,917	20,802	9,764	*	9,474
Gamo Gofa	154,573	60,173	94,399	36,960	12,490	24,470	25,575	2,835	22,741
Bench Maji	79,272	36,519	42,753	20,440	5,427	15,014	6,821	*	6,514
Yem Sp. Wereda	9,512	4,862	4,650	1,985	393	1,592	292	*	226
Amaro Sp. Wereda	14,952	6,992	7,960	2,614	1,145	1,468	-	-	-
Burji Sp. Wereda	1,082	518	564	240	*	200	-	-	-
Konso Sp. Wereda	20,675	9,953	10,722	5,718	2,067	3,650	3,913	947	2,966
Derashe Sp. Wereda	3,143	1,420	1,723	1,595	486	1,110	318	*	213
Dawro	40,074	19,854	20,221	23,887	8,723	15,163	*	-	*
Basketo Sp. Wereda	4,769	2,262	2,507	1,600	190	1,410	595	93	502
Konta Sp. Wereda	5,703	2,954	2,750	5,224	2,591	2,633	861	*	580
Silte	105,318	52,868	52,450	34,854	12,453	22,401	5,183	*	4,783
Alaba Sp. Wereda	22,666	14,617	8,049	*	361	*	*	*	590
Harari	1,217	550	667	609	339	269	82	*	*
Hundene	1,217	550	667	609	339	269	82	*	*
Addis Ababa	4,202	1,766	2,436	4,329	3,764	565	63	*	*
Zone 3	3,087	1,337	1,750	3,357	2,956	401	28	*	*
Zone 6	1,115	429	686	971	808	163	*	*	-
Dire Dawa	20,136	8,559	11,578	2,716	1,744	972	1,362	454	908

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	6,926,625	3,247,652	3,678,973	1,433,371	384,238	1,049,132	177,764	36,052	141,712
Tigray	933,673	413,757	519,916	212,603	23,909	188,695	7,705	1,967	5,737
North West Tigray	299,513	127,437	172,076	64,579	4,890	59,689	2,390	*	1,945
Central Tigray	352,960	162,559	190,401	67,510	8,209	59,300	*	*	*
Eastern Tigray	62,951	29,774	33,177	17,518	1,602	15,916	*	*	*
Southern Tigray	122,660	51,602	71,058	44,811	5,646	39,164	*	*	1,511
Western Tigray	95,589	42,385	53,203	18,186	3,561	14,625	882	*	815
Afar	153,382	54,184	99,198	12,225	5,927	6,297	4,558	687	3,871
Zone 1	41,665	13,890	27,775	2,516	1,142	1,373	907	*	713
Zone 3	111,717	40,294	71,423	9,709	4,785	4,924	3,651	493	3,158
Amhara	2,268,483	1,097,665	1,170,818	539,857	171,867	367,990	39,605	8,869	30,736
North Gonder	569,178	259,190	309,988	103,993	24,273	79,720	6,664	2,089	4,575
South Gonder	284,237	144,896	139,341	64,861	14,321	50,540	*	*	*
North Wolo	272,395	130,578	141,817	83,512	23,554	59,958	*	*	*
South Wolo	293,650	144,347	149,304	86,414	29,908	56,505	*	*	*
North Shewa	279,436	147,627	131,809	45,265	20,689	24,576	6,514	*	5,969
East Gojam	123,369	58,986	64,383	40,271	17,372	22,899	5,843	*	4,023
West Gojam	144,547	71,564	72,983	46,880	21,807	25,073	*	-	*
Waghamera	157,153	69,502	87,652	27,744	6,673	21,071	*	*	*
Awi	69,025	37,213	31,812	20,168	10,337	9,831	*	-	*
Oromia	75,491	33,763	41,729	20,750	2,933	17,817	1,608	*	1,145
Oromia	2,321,226	1,106,239	1,214,987	447,686	132,524	315,162	77,633	16,027	61,607
West Wellega	56,468	26,085	30,383	13,863	*	12,319	-	-	-
East Wellega	71,976	31,561	40,414	9,380	1,892	7,488	-	-	-
Illubabor	56,922	29,646	27,276	11,316	3,298	8,018	*	-	*
Jimma	100,880	47,763	53,117	25,159	3,934	21,224	5,788	*	5,484
West Shewa	113,369	50,768	62,600	23,387	5,905	17,482	3,195	-	3,195
North Shewa	85,979	45,304	40,674	24,223	7,201	17,022	*	*	*
East Shewa	269,526	115,206	154,320	25,594	7,628	17,966	*	*	*
Arsi	198,129	100,155	97,974	58,520	20,188	38,332	3,986	1,354	2,632
West Harerghe	299,389	152,173	147,216	70,366	23,434	46,931	19,359	*	12,096
East Harerghe	330,618	171,081	159,537	71,398	35,513	35,885	19,489	*	16,638
Bale	302,180	150,952	151,228	50,296	5,163	45,133	8,026	1,271	6,755
Borena	261,715	105,180	156,535	27,299	4,881	22,418	5,761	*	4,461
South West Shewa	80,948	39,277	41,672	19,417	8,591	10,825	1,363	*	1,230
Guji	93,127	41,088	52,039	17,468	3,352	14,116	*	*	*

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	214,498	93,652	120,846	11,149	2,353	8,795	1,583	*	1,141
Shinele	29,106	11,022	18,084	976	596	380	474	127	347
Jijiga	115,073	56,031	59,042	6,030	*	4,951	*	*	*
Liben	70,319	26,599	43,720	4,142	679	3,464	690	*	664
Benshangul-Gumuz	201,449	89,658	111,792	38,346	8,852	29,494	1,568	723	845
Metekel	57,878	29,291	28,587	15,817	6,149	9,668	*	*	*
Asosa	114,287	47,756	66,531	18,008	2,051	15,956	*	*	*
Kemeshi	29,284	12,611	16,674	4,521	651	3,869	*	*	269
SNNP	772,910	364,681	408,229	165,361	36,482	128,879	41,339	6,747	34,592
Gurage	48,911	25,955	22,956	16,493	2,656	13,838	3,150	-	3,150
Hadiya	48,278	21,942	26,335	14,041	2,294	11,747	2,194	-	2,194
Kembata Tembaro	15,008	5,969	9,039	8,347	2,059	6,288	2,233	*	2,121
Sidama	71,942	36,614	35,328	21,780	4,920	16,860	*	-	*
Gedio	3,835	1,325	2,510	1,362	*	*	-	-	-
Wolayita	41,190	17,789	23,401	18,757	3,773	14,984	*	*	*
South Omo	193,757	79,598	114,159	8,813	1,403	7,411	3,318	645	2,673
Shaka	5,075	2,362	2,712	1,833	751	1,082	*	-	*
Kaffa	50,785	23,696	27,089	10,738	2,873	7,866	3,632	*	2,411
Gamo Gofa	84,771	42,842	41,929	23,763	5,638	18,125	4,849	*	3,650
Bench Maji	15,730	8,708	7,022	4,554	1,543	3,010	1,333	-	1,333
Yem Sp. Wereda	8,147	3,638	4,509	406	*	334	584	*	482
Amaro Sp. Wereda	15,780	8,180	7,600	2,563	561	2,003	*	*	*
Burji Sp. Wereda	8,000	3,947	4,053	1,141	203	937	-	-	-
Konso Sp. Wereda	41,138	20,111	21,027	5,816	1,407	4,409	5,458	1,040	4,419
Derashe Sp. Wereda	20,647	9,923	10,724	5,578	1,000	4,577	2,142	348	1,794
Dawro	18,432	9,077	9,355	6,501	2,351	4,150	*	-	*
Basketo Sp. Wereda	1,440	707	733	440	*	383	140	*	120
Konta Sp. Wereda	4,578	2,465	2,112	1,515	589	926	*	-	*
Silte	54,825	29,646	25,180	9,271	1,588	7,683	6,292	*	5,143
Alaba Sp. Wereda	20,642	10,186	10,455	1,649	*	1,429	1,526	*	1,111
Harari	13,040	6,449	6,591	1,657	322	1,335	1,021	113	908
Hundene	13,040	6,449	6,591	1,657	322	1,335	1,021	113	908
Addis Ababa	2,118	974	1,144	426	247	179	*	*	-
Zone 3	1,409	608	802	364	194	170	*	*	-
Zone 6	709	367	343	*	*	*	-	-	-
Dire Dawa	45,847	20,394	25,454	4,061	1,754	2,307	2,725	452	2,273

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	134,052	67,405	66,647	251,043	155,178	95,865	13,368	3,369	9,999
Tigray	*	-	*	1,602	*	969	-	-	-
North West Tigray	*	-	*	-	-	-	-	-	-
Central Tigray	*	-	*	*	-	*	-	-	-
Eastern Tigray	-	-	-	449	*	*	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	*	-	*	-	-	-	-	-	-
Afar	*	-	*	*	-	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	-	*	*	-	*	-	-	-
Amhara	27,901	13,886	14,015	46,654	23,247	23,407	1,677	*	*
North Gonder	*	*	*	6,979	3,050	*	-	-	-
South Gonder	*	*	*	2,309	1,400	*	*	-	*
North Wolo	*	*	*	*	*	*	-	-	-
South Wolo	2,175	*	*	6,918	*	4,606	*	-	*
North Shewa	6,290	3,266	*	6,261	3,561	*	-	-	-
East Gojam	7,959	3,478	4,481	4,541	2,766	*	*	-	*
West Gojam	*	*	*	5,306	1,767	3,539	*	-	*
Waghamera	*	*	-	*	*	*	-	-	-
Awi	2,673	*	1,637	11,309	6,459	4,850	*	*	-
Oromia	*	-	*	*	*	-	-	-	-
Oromia	79,751	39,494	40,257	172,684	114,126	58,558	7,410	1,769	5,641
West Wellega	*	-	*	*	*	*	-	-	-
East Wellega	*	*	*	*	2,229	*	-	-	-
Illubabor	3,455	2,037	1,418	6,522	*	2,152	-	-	-
Jimma	8,025	4,115	3,911	11,620	6,090	5,531	*	*	*
West Shewa	9,950	3,796	6,154	*	*	*	1,319	*	*
North Shewa	11,852	5,867	5,985	17,319	5,815	*	*	*	*
East Shewa	*	*	-	2,102	1,693	*	-	-	-
Arsi	22,253	10,295	11,958	17,330	8,299	9,031	*	*	*
West Harerghe	-	-	-	-	-	-	-	-	-
East Harerghe	*	*	*	*	*	-	-	-	-
Bale	14,584	8,067	6,517	11,020	6,992	4,028	*	*	*
Borena	-	-	-	1,279	596	*	-	-	-
South West Shewa	1,353	809	*	*	*	*	*	-	*
Guji	5,040	3,190	1,850	6,361	3,329	3,032	*	*	-

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	*	325	*	*	*	*	-	-	-
Metekel	*	*	*	*	-	*	-	-	-
Asosa	*	*	*	-	-	-	-	-	-
Kemeshi	-	-	-	*	*	-	-	-	-
SNNP	24,446	13,477	10,968	29,901	17,082	12,819	4,253	1,443	2,810
Gurage	4,735	2,596	2,139	3,911	2,788	*	1,500	*	*
Hadiya	2,048	1,487	*	2,991	2,024	*	*	-	*
Kembata Tembaro	*	*	*	1,838	1,187	651	*	-	*
Sidama	*	*	-	4,401	*	3,662	*	-	*
Gedio	1,573	545	*	2,635	1,693	942	-	-	-
Wolayita	*	*	*	*	*	-	-	-	-
South Omo	*	*	*	*	*	*	*	*	-
Shaka	*	*	*	442	383	*	-	-	-
Kaffa	5,420	2,205	3,215	5,316	4,061	1,255	-	-	-
Gamo Gofa	3,498	1,939	1,558	3,394	*	2,277	*	*	*
Bench Maji	801	*	*	*	*	*	-	-	-
Yem Sp. Wereda	*	*	-	*	-	*	*	*	-
Amaro Sp. Wereda	*	*	-	*	*	*	*	*	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	310	*	*	802	481	321	-	-	-
Basketo Sp. Wereda	-	-	-	83	*	*	-	-	-
Konta Sp. Wereda	*	*	*	221	193	*	-	-	-
Silte	1,851	1,317	*	1,450	*	*	*	*	-
Alaba Sp. Wereda	*	*	-	*	*	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Addis Ababa	*	-	*	57	48	*	-	-	-
Zone 3	*	-	*	*	*	*	-	-	-
Zone 6	-	-	-	*	*	-	-	-	-
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	353,434	180,192	173,243	426,720	243,146	183,574	19,005	6,507	12,498
Tigray	26,973	14,783	12,189	44,945	29,343	15,602	*	*	-
North West Tigray	4,985	3,001	1,984	4,077	1,892	2,185	-	-	-
Central Tigray	9,669	4,917	4,753	9,507	5,515	3,992	-	-	-
Eastern Tigray	5,830	3,355	2,475	10,915	5,657	5,258	-	-	-
Southern Tigray	5,096	2,906	2,190	16,472	13,118	3,354	*	*	-
Western Tigray	1,392	*	*	3,974	3,161	813	-	-	-
Afar	593	302	291	997	557	440	*	*	*
Zone 1	-	-	-	77	65	*	-	-	-
Zone 3	593	302	291	921	492	428	*	*	*
Amhara	135,699	64,344	71,355	166,073	81,784	84,289	4,110	*	3,188
North Gonder	13,710	5,213	8,497	31,977	17,352	14,625	-	-	-
South Gonder	16,576	6,395	10,181	17,124	7,589	9,535	*	*	-
North Wolo	11,816	6,371	5,445	16,156	5,297	10,859	*	*	*
South Wolo	17,653	7,834	9,818	28,128	15,152	12,975	*	*	*
North Shewa	24,841	14,466	10,375	26,479	14,920	11,559	*	-	*
East Gojam	20,258	8,483	11,775	20,526	11,662	8,864	-	-	-
West Gojam	20,053	9,443	10,610	15,689	5,360	10,329	-	-	-
Waghamera	1,578	1,044	534	2,592	1,358	1,234	-	-	-
Awi	6,244	3,535	2,709	5,185	2,234	2,951	-	-	-
Oromia	2,970	1,559	1,411	2,217	*	1,358	-	-	-
Oromia	161,697	86,917	74,780	166,479	98,727	67,752	10,133	2,838	7,294
West Wellega	7,787	5,681	2,106	15,553	9,513	6,040	*	*	-
East Wellega	9,075	4,596	4,479	15,259	*	5,068	*	-	*
Illubabor	*	*	*	*	*	-	-	-	-
Jimma	3,385	2,370	*	3,094	2,442	*	*	-	*
West Shewa	14,487	8,130	6,357	14,182	9,017	5,164	*	-	*
North Shewa	18,552	10,227	8,325	14,631	7,452	7,179	*	*	*
East Shewa	20,058	8,630	11,428	21,284	11,793	9,490	*	*	*
Arsi	32,400	16,238	16,162	21,429	11,299	10,130	*	*	*
West Harerghe	11,623	8,194	3,430	11,453	7,855	3,598	2,232	*	*
East Harerghe	6,601	1,983	4,618	9,696	6,722	2,974	1,825	*	1,217
Bale	20,783	12,357	8,426	14,025	7,762	6,262	*	-	*
Borena	5,868	2,705	3,163	8,960	*	2,694	*	*	*
South West Shewa	8,545	4,067	4,478	13,426	6,648	6,778	*	-	*
Guji	*	*	*	2,703	*	*	-	-	-

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	3,181	1,594	1,587	1,145	549	597	287	*	*
Shinele	166	110	56	10	-	10	10	-	10
Jijiga	2,473	1,222	1,251	640	*	356	*	-	*
Liben	543	263	280	496	*	231	*	*	*
Benshangul-Gumuz	3,411	1,992	1,419	9,673	7,890	1,783	*	*	-
Metekel	957	708	*	4,404	3,851	*	*	*	-
Asosa	1,980	975	1,005	2,567	1,596	971	*	*	-
Kemeshi	474	309	165	2,702	2,443	259	-	-	-
SNNP	20,951	9,773	11,178	36,276	23,578	12,699	3,693	2,063	1,630
Gurage	3,168	*	1,804	4,607	3,427	*	*	*	*
Hadiya	4,940	1,754	3,186	3,732	*	2,854	*	*	*
Kembata Tembaro	767	*	*	4,526	4,187	*	*	*	-
Sidama	2,553	*	*	7,419	4,937	2,482	*	*	-
Gedio	*	*	-	*	*	-	-	-	-
Wolayita	*	*	*	4,516	3,435	*	*	-	*
South Omo	880	*	448	*	*	-	-	-	-
Shaka	-	-	-	*	*	*	-	-	-
Kaffa	*	*	*	*	*	-	-	-	-
Gamo Gofa	*	-	*	2,282	1,437	*	*	-	*
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	93	*	*	197	*	123	*	*	-
Amaro Sp. Wereda	*	*	-	*	*	-	-	-	-
Burji Sp. Wereda	257	111	146	306	187	119	-	-	-
Konso Sp. Wereda	439	*	275	*	*	*	*	*	*
Derashe Sp. Wereda	327	*	180	840	655	185	-	-	-
Dawro	*	*	*	*	370	*	-	-	-
Basketo Sp. Wereda	-	-	-	*	*	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	3,884	1,705	2,179	3,971	1,400	2,570	*	*	*
Alaba Sp. Wereda	1,747	909	838	810	*	613	374	*	322
Harari	359	*	174	206	170	*	*	*	-
Hundene	359	*	174	206	170	*	*	*	-
Addis Ababa	126	*	62	473	424	*	31	*	*
Zone 3	*	-	*	393	371	*	31	*	*
Zone 6	*	*	*	80	53	*	-	-	-
Dire Dawa	445	237	209	452	*	*	298	146	151

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	20,328	11,206	9,122	54,204	28,045	26,158	1,508	*	969
Tigray	*	*	-	1,637	858	*	*	-	*
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	*	*	-	*	*	-	*	-	*
Eastern Tigray	-	-	-	*	-	*	-	-	-
Southern Tigray	-	-	-	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	*	-	-	-
Afar	*	*	*	*	*	-	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	-	-	-	-
Amhara	7,596	4,518	*	18,260	6,843	11,417	*	-	*
North Gonder	*	-	*	*	*	*	-	-	-
South Gonder	*	*	-	1,937	*	*	*	-	*
North Wolo	*	*	*	3,315	*	2,863	-	-	-
South Wolo	*	*	*	4,271	*	3,241	-	-	-
North Shewa	2,184	1,637	*	*	*	*	-	-	-
East Gojam	*	-	*	*	*	*	-	-	-
West Gojam	*	-	*	2,731	*	1,889	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	*	*	*	-	-	-
Oromia	*	-	*	-	-	-	-	-	-
Oromia	9,719	4,901	4,818	22,435	11,823	10,612	*	*	*
West Wellega	-	-	-	921	*	*	-	-	-
East Wellega	*	-	*	1,838	*	1,448	-	-	-
Illubabor	*	-	*	1,786	*	*	-	-	-
Jimma	1,408	*	*	3,634	*	2,962	*	-	*
West Shewa	*	*	*	*	*	*	*	*	-
North Shewa	*	-	*	*	*	*	-	-	-
East Shewa	-	-	-	*	*	-	-	-	-
Arsi	*	1,471	*	2,367	2,049	*	-	-	-
West Harerghe	-	-	-	*	*	*	-	-	-
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	-	-	-	4,497	3,492	1,005	-	-	-
Borena	*	*	*	1,392	*	*	-	-	-
South West Shewa	*	*	*	1,025	587	*	*	*	-
Guji	*	*	*	*	*	*	-	-	-

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	-	-	-	430	*	*	-	-	-
Metekel	-	-	-	325	*	*	-	-	-
Asosa	-	-	-	*	*	-	-	-	-
Kemeshi	-	-	-	*	-	*	-	-	-
SNNP	2,635	1,497	1,138	11,345	8,288	3,057	*	*	*
Gurage	*	-	*	*	-	*	-	-	-
Hadiya	-	-	-	1,150	991	*	*	*	-
Kembata Tembaro	*	*	*	*	*	-	-	-	-
Sidama	-	-	-	*	-	*	-	-	-
Gedio	*	-	*	1,777	1,292	485	-	-	-
Wolayita	-	-	-	*	*	-	-	-	-
South Omo	-	-	-	*	*	*	-	-	-
Shaka	-	-	-	-	-	-	*	-	*
Kaffa	*	*	*	2,174	2,024	*	-	-	-
Gamo Gofa	*	*	-	1,126	*	*	-	-	-
Bench Maji	-	-	-	*	*	*	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	*	*	-	615	391	*	-	-	-
Basketo Sp. Wereda	-	-	-	144	105	*	-	-	-
Konta Sp. Wereda	-	-	-	217	189	*	-	-	-
Silte	*	*	*	1,890	1,472	*	*	-	*
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Harari	-	-	-	*	*	-	-	-	-
Hundene	-	-	-	*	*	-	-	-	-
Addis Ababa	-	-	-	*	*	-	-	-	-
Zone 3	-	-	-	*	*	-	-	-	-
Zone 6	-	-	-	*	*	-	-	-	-
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	47,879	19,999	27,880	18,970	14,896	4,074	2,080	553	*
Tigray	*	*	-	6,888	6,888	-	*	*	-
North West Tigray	-	-	-	*	*	-	-	-	-
Central Tigray	-	-	-	*	*	-	*	*	-
Eastern Tigray	-	-	-	-	-	-	-	-	-
Southern Tigray	*	*	-	3,371	3,371	-	-	-	-
Western Tigray	-	-	-	*	*	-	*	*	-
Afar	16,205	5,959	10,246	2,552	1,339	*	*	*	*
Zone 1	*	*	*	*	*	*	*	*	*
Zone 3	14,980	5,604	9,376	2,125	*	*	*	-	*
Amhara	-	-	-	3,776	3,570	*	-	-	-
North Gonder	-	-	-	*	*	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-
North Wolo	-	-	-	2,748	2,542	*	-	-	-
South Wolo	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	*	*	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	*	*	-	-	-	-
Oromia	17,614	8,046	9,568	3,687	2,132	*	*	-	*
West Wellega	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-
Jimma	-	-	-	*	-	*	-	-	-
West Shewa	-	-	-	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	-	-	-
Arsi	*	-	*	-	-	-	-	-	-
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	-	-	-	*	*	-	-	-	-
Bale	*	*	*	1,527	1,301	*	-	-	-
Borena	7,447	3,838	3,609	*	*	*	*	-	*
South West Shewa	*	*	*	-	-	-	-	-	-
Guji	*	*	*	*	*	*	-	-	-

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	11,321	4,908	6,413	1,117	481	*	*	*	*
Shinele	196	130	66	-	-	-	9	9	-
Jijiga	3,505	2,115	1,390	*	*	-	*	*	*
Liben	7,621	2,663	4,958	901	266	*	*	*	-
Benshangul-Gumuz	-	-	-	*	-	*	-	-	-
Metekel	-	-	-	*	-	*	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-
SNNP	*	*	*	*	*	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-
Wolayita	*	-	*	*	*	*	-	-	-
South Omo	*	*	*	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-
Kaffa	*	*	*	-	-	-	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Harari	*	*	*	*	*	*	*	*	-
Hundene	*	*	*	*	*	*	*	*	-
Addis Ababa	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-
Dire Dawa	553	257	296	*	*	*	*	-	*

h. Poultry

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Ethiopia	38,145,250	5,140,699	291,247
Tigray	4,681,349	415,618	24,080
North West Tigray	1,338,946	103,765	9,116
Central Tigray	1,560,209	127,048	4,698
Eastern Tigray	463,080	65,584	4,028
Southern Tigray	568,924	81,388	3,376
Western Tigray	750,189	37,832	2,863
Afar	37,399	6,511	*
Zone 1	*	*	-
Zone 3	37,341	6,253	*
Amhara	12,632,090	1,997,202	51,432
North Gonder	3,900,275	312,362	7,405
South Gonder	1,629,443	148,405	7,022
North Wolo	1,042,993	261,535	8,361
South Wolo	767,401	277,382	5,405
North Shewa	1,167,020	318,734	10,381
East Gojam	489,931	195,432	*
West Gojam	2,040,961	314,323	4,521
Waghamera	370,384	27,064	2,552
Awi	809,806	110,828	2,356
Oromia	413,877	31,136	825
Oromia	12,589,391	1,746,244	116,878
West Wellega	1,888,303	214,652	*
East Wellega	1,006,622	78,375	2,863
Illubabor	924,972	108,074	6,216
Jimma	1,473,227	134,518	12,680
West Shewa	864,085	188,627	*
North Shewa	446,623	150,788	2,743
East Shewa	945,092	112,771	5,547
Arsi	1,569,749	243,953	14,547
West Harerghe	952,638	102,420	17,320
East Harerghe	754,161	65,639	27,991
Bale	625,012	112,350	*
Borena	396,983	57,930	4,144
South West Shewa	443,346	119,776	3,260
Guji	298,576	56,372	*

TABLE 3-19 - h CONT'D

Geographic Area	Total Number of Births	Total Number of Purchases	Total Acquired by any Other Means
Somale	41,850	*	688
Shinele	3,643	82	109
Jijiga	19,368	*	*
Liben	18,840	1,531	442
Benshangul-Gumuz	1,267,620	121,663	2,735
Metekel	539,233	68,079	1,066
Asosa	578,555	40,039	*
Kemeshi	149,833	13,544	519
SNNP	6,811,989	837,143	93,354
Gurage	457,028	73,297	3,002
Hadiya	817,064	58,500	19,500
Kembata Tembaro	312,500	39,063	13,452
Sidama	717,197	143,164	*
Gedio	211,331	78,736	1,698
Wolayita	426,015	60,365	5,332
South Omo	325,988	20,030	10,261
Shaka	212,711	26,874	1,406
Kaffa	927,198	72,591	7,692
Gamo Gofa	510,702	74,446	*
Bench Maji	789,259	55,146	5,907
Yem Sp. Wereda	25,719	2,565	463
Amaro Sp. Wereda	63,686	8,539	*
Burji Sp. Wereda	27,593	1,784	*
Konso Sp. Wereda	102,544	9,828	3,189
Derashe Sp. Wereda	68,371	8,275	1,705
Dawro	99,480	30,754	*
Basketo Sp. Wereda	45,976	6,347	616
Konta Sp. Wereda	60,463	8,159	634
Silte	498,500	53,081	3,731
Alaba Sp. Wereda	112,662	5,600	831
Harari	33,368	1,060	412
Hundene	33,368	1,060	412
Addis Ababa	21,067	5,913	122
Zone 3	14,761	3,398	98
Zone 6	6,307	2,515	*
Dire Dawa	29,126	971	1,466

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	3,704,788	2,274,333	1,430,455	296,292	162,045	134,247	3,199,363	1,424,616	1,774,746	358,636	151,054	207,582
Tigray	276,578	173,421	103,157	31,696	19,684	12,013	217,540	97,861	119,679	29,783	13,567	16,216
North West Tigray	53,913	32,626	21,287	7,596	4,454	3,142	77,717	34,013	43,704	10,372	4,589	5,783
Central Tigray	60,839	44,572	16,267	7,484	5,039	2,445	20,744	11,350	9,394	7,212	3,834	3,378
Eastern Tigray	46,526	25,230	21,296	3,424	2,276	1,148	17,216	7,731	9,485	1,524	529	995
Southern Tigray	90,071	56,185	33,886	7,407	4,797	2,610	56,378	26,581	29,796	7,333	2,793	4,539
Western Tigray	25,229	14,807	10,421	5,785	3,117	2,667	45,486	18,186	27,300	3,342	1,822	1,521
Afar	10,226	6,473	3,753	2,371	1,657	715	53,728	14,396	39,333	1,330	340	990
Zone 1	3,092	1,546	1,547	1,017	876	*	43,070	10,376	32,694	746	200	546
Zone 3	7,133	4,927	2,206	1,355	781	574	10,658	4,019	6,639	583	*	444
Amhara	987,625	656,145	331,480	62,810	34,369	28,441	584,304	273,777	310,527	50,190	20,034	30,156
North Gonder	199,850	149,623	50,226	8,436	6,458	1,979	114,450	53,100	61,349	7,043	3,328	3,715
South Gonder	102,042	59,448	42,594	6,085	2,516	*	57,393	27,535	29,858	6,969	2,514	4,455
North Wolo	109,421	63,917	45,505	7,071	3,185	3,886	59,077	27,355	31,723	4,946	1,754	3,192
South Wolo	177,167	120,093	57,074	11,284	4,289	6,995	65,044	31,502	33,542	3,281	*	*
North Shewa	93,048	66,768	26,280	8,874	5,609	3,265	48,167	26,394	21,773	7,571	2,694	4,877
East Gojam	81,251	57,799	23,451	8,127	5,692	2,435	50,535	21,951	28,584	7,505	2,288	5,217
West Gojam	99,407	62,627	36,780	4,874	2,763	2,111	76,971	37,341	39,629	8,137	4,133	4,004
Waghamera	30,513	20,798	9,715	1,813	916	897	31,274	14,927	16,347	2,609	991	*
Awi	56,501	31,680	24,821	4,464	2,293	*	48,434	22,061	26,373	1,060	*	*
Oromia	38,426	23,391	15,035	1,781	648	1,133	32,959	11,610	21,350	1,070	449	*
Oromia	1,610,056	1,007,073	602,984	119,649	62,926	56,723	1,508,767	699,107	809,661	158,634	70,277	88,358
West Wellega	73,271	46,475	26,796	3,249	*	2,399	122,632	64,676	57,955	2,748	*	*
East Wellega	95,943	58,422	37,521	5,714	3,535	2,180	139,240	66,591	72,649	4,797	2,237	2,560
Illubabor	73,006	45,201	27,806	4,137	2,050	2,087	109,856	58,232	51,624	5,012	1,287	3,725
Jimma	148,504	97,267	51,237	9,173	4,518	4,655	184,221	90,451	93,771	29,768	14,122	15,645
West Shewa	166,413	102,276	64,138	21,983	11,776	10,207	139,702	65,427	74,274	7,899	4,600	3,299
North Shewa	111,004	68,549	42,455	9,022	4,654	4,368	58,826	26,794	32,031	*	*	*
East Shewa	94,824	58,474	36,350	9,414	4,950	4,464	74,572	39,815	34,757	9,306	4,345	4,961
Arsi	267,230	165,252	101,978	17,221	8,096	9,126	118,547	55,458	63,089	14,947	5,992	8,956
West Harerghe	90,175	56,640	33,534	3,116	1,291	1,825	58,454	26,526	31,928	10,691	4,254	6,438
East Harerghe	89,832	52,507	37,325	3,698	*	2,771	72,577	27,765	44,813	10,062	2,369	7,692
Bale	151,027	94,098	56,929	12,309	6,788	5,521	186,686	76,326	110,360	21,643	8,846	12,797
Borena	112,132	74,328	37,804	10,124	7,616	2,508	100,094	37,884	62,210	9,436	*	4,735
South West Shewa	47,296	30,322	16,974	8,379	4,850	3,529	46,248	23,655	22,593	7,516	3,858	3,657
Guji	89,397	57,261	32,136	2,109	1,025	*	97,113	39,507	57,606	3,641	*	*

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	28,045	18,630	9,414	2,213	1,287	*	43,415	16,577	26,838	1,884	722	1,162
Shinele	908	426	481	75	34	41	2,074	619	1,455	317	111	206
Jijiga	18,798	12,893	5,905	*	*	*	31,843	12,702	19,140	1,156	*	672
Liben	8,339	5,311	3,028	892	534	*	9,498	3,256	6,242	*	*	*
Benshangul-Gumuz	32,092	19,744	12,348	3,014	1,908	1,106	42,859	20,493	22,366	910	402	508
Metekel	19,566	11,565	8,002	1,903	1,289	614	24,362	11,411	12,951	754	371	383
Asosa	8,093	4,962	3,131	438	*	*	13,267	6,509	6,758	*	-	*
Kemeshi	4,432	3,217	1,215	673	399	274	5,230	2,573	2,657	*	*	-
SNNP	751,885	387,225	364,659	73,720	39,606	34,114	738,871	299,114	439,758	115,133	45,345	69,787
Gurage	42,260	18,068	24,192	21,285	10,552	10,732	46,897	14,249	32,647	6,042	2,459	3,583
Hadiya	89,201	46,099	43,102	*	*	*	48,251	17,571	30,680	10,792	5,371	5,420
Kembata Tembaro	35,829	16,685	19,145	1,755	764	991	22,790	12,143	10,646	8,689	3,449	5,240
Sidama	173,603	65,360	108,243	15,699	9,149	6,549	99,815	39,148	60,666	12,044	3,252	8,793
Gedio	28,902	20,292	8,610	654	*	*	7,132	3,270	3,862	1,129	*	*
Wolayita	88,157	54,217	33,940	2,559	1,841	*	84,089	41,174	42,914	7,520	4,132	3,388
South Omo	21,880	14,127	7,753	3,224	2,107	1,116	72,174	22,101	50,073	10,233	4,581	5,652
Shaka	12,498	8,138	4,359	1,420	599	821	11,706	4,336	7,371	2,768	647	2,121
Kaffa	49,065	29,460	19,606	5,373	2,037	3,336	73,752	32,484	41,268	10,186	3,872	6,315
Gamo Gofa	74,683	40,663	34,020	*	*	*	86,959	35,405	51,554	12,265	*	8,213
Bench Maji	37,919	19,691	18,229	1,600	*	821	49,631	22,249	27,383	20,174	6,378	13,797
Yem Sp. Wereda	4,013	2,186	1,828	751	378	373	3,001	1,533	1,468	731	235	496
Amaro Sp. Wereda	3,278	2,403	875	461	343	*	6,906	2,687	4,220	181	*	*
Burji Sp. Wereda	1,222	846	377	*	*	*	3,592	1,913	1,679	133	81	*
Konso Sp. Wereda	5,327	3,721	1,606	*	*	*	15,252	5,958	9,294	1,361	673	688
Derashe Sp. Wereda	3,014	2,165	849	*	*	*	4,986	2,187	2,800	*	*	*
Dawro	29,044	14,291	14,753	740	*	398	40,720	15,134	25,586	*	*	*
Basketo Sp. Wereda	2,326	1,462	863	213	105	108	2,023	895	1,128	914	289	625
Konta Sp. Wereda	5,207	2,976	2,231	*	-	*	15,095	6,695	8,400	435	*	349
Silte	35,708	20,063	15,645	9,274	5,927	3,348	30,960	13,334	17,626	5,242	2,816	2,426
Alaba Sp. Wereda	8,748	4,313	4,435	1,081	514	568	13,140	4,648	8,492	1,664	1,144	520
Harari	3,591	2,313	1,278	89	89	-	2,729	985	1,744	302	141	161
Hundene	3,591	2,313	1,278	89	89	-	2,729	985	1,744	302	141	161
Addis Ababa	2,032	1,564	468	674	492	182	1,269	746	524	*	27	*
Zone 3	1,442	1,113	329	351	248	103	874	559	315	*	27	*
Zone 6	591	452	139	323	244	*	396	187	209	-	-	-
Dire Dawa	2,660	1,745	914	*	*	*	5,879	1,562	4,317	434	200	234

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	4,536,565	2,463,234	2,073,331	1,971,260	1,522,084	449,176	3,269,329	1,068,819	2,200,510	259,556	*	126,132
Tigray	179,091	87,865	91,226	76,342	60,986	15,355	156,280	48,314	107,967	2,254	*	*
North West Tigray	17,329	10,266	7,064	5,673	3,992	1,681	17,431	5,583	11,848	-	-	-
Central Tigray	36,290	23,480	12,810	14,494	12,862	1,632	26,428	10,489	15,939	*	*	-
Eastern Tigray	71,939	29,510	42,429	22,913	17,304	5,609	65,161	17,553	47,608	*	*	*
Southern Tigray	51,350	23,458	27,892	28,165	23,165	5,000	39,078	12,776	26,302	*	-	*
Western Tigray	*	*	*	5,097	3,663	1,434	*	*	*	*	*	-
Afar	14,931	9,811	5,120	10,329	7,360	2,969	21,490	6,589	14,901	1,074	494	*
Zone 1	6,381	4,039	2,342	3,874	2,754	*	15,857	4,533	11,323	384	219	*
Zone 3	8,550	5,772	*	6,455	4,606	*	5,634	2,056	3,577	*	*	*
Amhara	1,890,930	995,493	895,437	1,146,132	906,291	239,842	1,047,084	327,394	719,690	35,980	7,169	28,811
North Gonder	121,279	62,971	58,308	85,429	72,959	12,470	114,285	31,885	82,400	*	*	*
South Gonder	168,014	81,114	86,899	101,216	77,178	24,038	105,626	28,746	76,880	*	-	*
North Wolo	212,672	133,308	79,364	158,567	119,914	38,653	71,450	21,803	49,646	*	*	*
South Wolo	735,336	370,900	364,436	99,921	70,181	29,740	205,317	72,235	133,082	*	*	*
North Shewa	212,069	108,394	103,675	112,171	92,435	19,736	178,847	70,630	108,217	7,775	*	6,739
East Gojam	204,194	99,536	104,658	323,163	255,442	67,721	197,330	47,087	150,243	6,732	*	5,524
West Gojam	146,986	89,947	57,039	140,627	123,004	17,623	103,554	33,947	69,607	2,555	1,047	*
Waghamera	13,088	8,524	4,564	6,529	4,962	1,567	12,541	5,402	7,139	*	*	*
Awi	61,608	29,553	32,055	115,404	87,367	28,037	55,416	14,619	40,797	1,437	*	1,158
Oromia	*	*	*	3,106	2,849	*	2,717	1,038	1,679	*	-	*
Oromia	1,847,348	1,087,379	759,969	573,125	420,672	152,453	1,422,854	475,238	947,616	*	*	59,885
West Wellega	46,569	23,639	22,930	6,994	5,044	*	60,503	22,572	37,930	*	-	*
East Wellega	62,024	36,376	25,649	12,415	9,232	3,184	75,905	25,011	50,894	*	-	*
Illubabor	56,908	28,438	28,470	13,855	11,334	2,522	77,649	26,319	51,330	2,038	*	1,689
Jimma	194,320	106,347	87,973	41,449	30,350	11,099	178,598	54,412	124,185	15,946	*	15,632
West Shewa	244,016	145,646	98,370	84,160	67,634	16,526	161,583	53,994	107,590	9,553	*	7,259
North Shewa	376,667	279,186	97,481	239,024	160,841	78,183	184,546	64,515	120,032	*	*	*
East Shewa	69,457	34,789	34,668	25,962	20,409	5,553	69,746	23,093	46,653	-	-	-
Arsi	458,491	236,568	221,923	77,436	57,172	20,264	231,193	71,763	159,430	17,625	5,419	12,206
West Harerghe	25,614	15,177	10,437	5,372	5,372	-	26,316	9,587	16,729	*	-	*
East Harerghe	41,416	21,558	19,859	16,470	14,141	*	38,053	10,614	27,439	7,740	2,513	*
Bale	157,645	94,066	63,579	18,286	13,451	4,834	213,800	76,873	136,927	*	*	*
Borena	17,109	10,147	6,962	8,613	6,405	2,208	49,143	16,555	32,588	*	*	*
South West Shewa	49,979	35,686	14,293	15,153	13,328	1,825	24,233	9,526	14,708	*	*	*
Guji	47,133	19,757	27,377	7,936	5,959	1,976	31,586	10,404	21,182	*	*	*

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	44,777	28,366	16,411	15,604	10,536	*	43,519	16,973	26,546	1,288	813	*
Shinele	5,107	2,990	2,117	2,188	1,512	676	8,720	2,732	5,988	350	127	222
Jijiga	26,551	20,355	6,197	5,535	4,933	602	23,494	10,194	13,300	*	*	-
Liben	*	5,022	*	7,880	4,091	*	11,305	4,047	7,258	*	487	*
Benshangul-Gumuz	13,456	6,139	7,317	9,617	7,889	1,728	19,741	6,591	13,151	*	*	-
Metekel	6,565	2,536	4,029	7,621	6,457	1,165	8,943	2,917	6,026	*	*	-
Asosa	4,906	2,600	2,306	1,035	731	*	7,783	2,720	5,063	-	-	-
Kemeshi	1,984	1,002	982	961	701	260	3,015	953	2,062	*	*	-
SNNP	539,787	244,046	295,742	131,584	101,539	30,045	541,795	182,161	359,634	41,427	7,108	34,320
Gurage	43,580	18,361	25,219	18,273	14,571	3,702	22,735	9,290	13,445	1,758	896	*
Hadiya	46,208	15,419	30,789	6,203	4,560	1,643	32,602	9,737	22,864	*	-	*
Kembata Tembaro	20,677	10,245	10,432	2,732	1,543	1,189	9,652	2,541	7,111	2,689	*	2,241
Sidama	87,145	32,926	54,219	12,379	8,626	*	42,902	15,270	27,632	*	-	*
Gedio	32,204	14,647	17,556	6,019	4,711	*	19,419	9,673	9,746	*	*	*
Wolayita	24,808	11,113	13,695	*	*	*	11,995	4,734	7,260	*	*	*
South Omo	30,477	16,115	14,362	13,634	8,742	4,892	65,167	22,333	42,835	6,393	2,125	4,268
Shaka	10,610	5,244	5,366	7,397	5,132	2,266	14,833	6,367	8,466	1,093	327	766
Kaffa	67,888	33,781	34,107	25,895	21,326	4,570	111,083	37,143	73,940	4,159	*	3,875
Gamo Gofa	57,678	26,407	31,271	7,131	5,853	1,279	82,852	20,555	62,298	5,509	1,575	3,934
Bench Maji	27,986	14,533	13,453	9,949	8,215	1,734	34,352	11,119	23,232	1,788	*	1,519
Yem Sp. Wereda	3,703	2,067	1,636	431	*	270	2,617	744	1,873	154	*	133
Amaro Sp. Wereda	2,680	1,636	1,044	611	490	*	3,234	1,120	2,113	*	*	-
Burji Sp. Wereda	113	*	86	*	*	*	276	110	166	-	-	-
Konso Sp. Wereda	5,180	3,248	1,931	1,703	1,589	*	15,283	4,239	11,044	*	*	*
Derashe Sp. Wereda	608	*	212	*	*	-	1,407	363	1,043	-	-	-
Dawro	25,177	12,065	13,113	1,951	1,374	*	21,943	8,302	13,641	-	-	-
Basketo Sp. Wereda	1,105	459	646	327	206	122	2,203	779	1,424	593	*	525
Konta Sp. Wereda	2,681	1,759	922	117	*	*	6,750	3,175	3,575	*	*	*
Silte	44,536	21,514	23,022	12,980	11,208	1,773	34,989	12,546	22,442	*	*	*
Alaba Sp. Wereda	4,746	2,085	2,661	2,399	1,933	466	5,503	2,021	3,483	*	*	*
Harari	258	*	148	445	353	*	548	*	427	*	*	*
Hundene	258	*	148	445	353	*	548	*	427	*	*	*
Addis Ababa	1,066	593	474	5,191	4,850	340	1,204	395	808	*	*	-
Zone 3	723	398	325	3,934	3,728	206	896	292	603	*	*	-
Zone 6	343	195	149	1,257	1,122	134	308	*	205	-	-	-
Dire Dawa	4,920	3,433	*	*	1,608	*	14,813	5,042	9,772	1,254	*	891

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	2,566,294	1,305,342	1,260,953	1,026,053	735,805	290,249	2,968,498	1,063,197	1,905,301	127,257	36,305	90,952
Tigray	409,092	214,014	195,078	169,274	126,184	43,091	484,961	146,431	338,531	9,111	3,884	5,227
North West Tigray	157,078	93,439	63,640	64,747	50,444	14,303	201,418	57,712	143,706	2,985	*	2,401
Central Tigray	113,960	58,728	55,231	47,672	34,675	12,997	118,774	37,836	80,938	3,086	1,741	1,345
Eastern Tigray	41,679	17,615	24,063	13,570	9,761	3,809	32,217	10,416	21,800	*	*	*
Southern Tigray	75,015	32,632	42,384	22,452	15,245	7,207	79,317	21,804	57,512	1,803	1,000	*
Western Tigray	21,360	11,600	9,759	20,833	16,058	4,775	53,236	18,663	34,574	707	*	413
Afar	36,011	21,546	14,465	16,873	10,515	*	50,021	16,706	33,315	1,586	560	1,026
Zone 1	13,046	7,547	5,499	2,406	1,960	446	23,646	5,658	17,988	592	*	481
Zone 3	22,965	13,999	8,966	14,467	8,555	*	26,375	11,049	15,326	*	449	*
Amhara	1,006,745	470,780	535,964	482,337	351,991	130,346	915,887	349,544	566,342	26,470	7,884	18,586
North Gonder	207,019	87,279	119,740	101,195	78,197	22,998	235,248	86,329	148,919	5,243	*	*
South Gonder	144,140	66,185	77,955	54,360	41,946	12,414	113,357	45,342	68,015	*	*	*
North Wolo	142,063	67,960	74,102	92,076	64,675	27,401	76,312	27,813	48,499	3,774	*	3,137
South Wolo	144,673	64,315	80,358	50,969	34,497	16,472	113,042	37,041	76,001	*	*	*
North Shewa	75,455	33,347	42,108	42,659	31,869	10,791	145,732	65,689	80,042	5,190	*	3,648
East Gojam	43,312	26,574	16,738	40,077	28,013	12,064	53,472	17,905	35,566	*	-	*
West Gojam	62,393	31,404	30,989	30,684	23,764	6,920	38,412	17,624	20,788	*	*	*
Waghamera	120,448	64,132	56,316	38,101	27,602	10,498	86,112	32,328	53,785	*	*	*
Awi	22,634	11,993	10,641	24,210	16,675	7,536	31,307	11,122	20,186	*	*	*
Oromia	44,609	17,592	27,017	8,005	4,753	3,253	22,892	8,351	14,541	-	-	-
Oromia	788,730	431,855	356,875	225,413	156,990	68,423	988,235	360,810	627,425	65,394	17,579	47,815
West Wellega	11,670	4,254	7,415	*	*	*	23,814	9,089	14,724	-	-	-
East Wellega	15,691	7,035	8,656	5,280	3,102	2,178	24,634	10,112	14,522	-	-	-
Illubabor	15,022	7,906	7,117	2,532	2,027	*	33,354	13,655	19,699	*	*	*
Jimma	30,032	13,690	16,342	9,363	6,833	2,530	37,926	19,355	18,571	5,660	*	4,321
West Shewa	30,330	17,547	12,783	21,828	13,343	8,485	47,396	17,338	30,058	*	*	*
North Shewa	44,909	19,547	25,362	21,105	16,231	4,874	38,624	16,190	22,434	-	-	-
East Shewa	101,363	55,548	45,816	16,369	12,685	3,684	106,161	37,671	68,491	*	*	*
Arsi	89,530	49,558	39,972	36,468	22,749	*	117,936	45,869	72,067	3,557	2,537	*
West Harerghe	106,596	65,924	40,672	21,410	19,450	1,960	106,920	37,208	69,713	13,896	4,563	9,333
East Harerghe	130,092	63,112	66,979	25,701	19,316	6,385	92,117	29,590	62,527	13,131	3,216	9,916
Bale	69,807	43,597	26,211	17,820	10,509	7,311	148,147	49,635	98,512	9,934	*	*
Borena	84,842	51,247	33,595	25,082	15,211	9,870	142,072	48,822	93,249	9,368	*	6,560
South West Shewa	25,863	13,638	12,225	14,919	10,610	4,309	28,366	9,263	19,103	*	*	*
Guji	32,982	19,252	13,730	5,082	3,628	1,454	40,767	17,013	23,754	*	-	*

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	62,650	39,003	23,647	20,095	12,813	*	49,439	16,697	32,743	1,840	658	1,182
Shinele	10,821	6,465	4,356	2,581	1,754	827	13,233	3,845	9,388	678	152	525
Jijiga	27,537	21,928	5,610	3,247	*	*	20,190	8,196	11,994	636	*	305
Liben	24,292	10,610	*	14,266	8,495	*	16,016	4,656	11,360	*	*	*
Benshangul-Gumuz	47,372	25,653	21,718	33,635	23,251	10,384	143,686	52,285	91,401	2,050	892	1,158
Metekel	13,193	5,778	7,415	17,141	12,814	4,327	29,740	11,921	17,819	*	*	*
Asosa	28,010	16,613	11,397	13,439	8,641	4,799	88,478	30,946	57,532	419	*	*
Kemeshi	6,168	3,262	2,906	3,055	1,797	1,258	25,468	9,418	16,050	*	*	*
SNNP	201,517	92,661	108,856	71,608	49,291	22,317	304,292	110,473	193,819	17,525	4,100	13,425
Gurage	15,247	6,404	8,842	4,536	*	*	12,565	4,627	7,938	*	*	*
Hadiya	18,296	7,370	10,925	6,715	4,330	2,385	14,117	4,079	10,038	*	*	*
Kembata Tembaro	5,625	1,982	3,643	3,843	*	2,403	4,202	1,861	2,341	1,431	*	1,208
Sidama	32,680	13,063	19,617	4,567	3,798	*	21,429	9,106	12,322	*	-	*
Gedio	1,675	*	1,207	*	*	*	1,919	*	*	*	*	-
Wolayita	12,551	*	7,692	*	*	*	*	*	*	*	-	*
South Omo	30,203	16,928	13,275	22,744	15,646	7,099	100,062	35,419	64,643	*	*	*
Shaka	1,120	464	656	1,349	1,035	314	2,948	1,141	1,807	*	*	*
Kaffa	11,451	7,059	4,392	6,974	5,320	*	15,833	6,851	8,982	1,755	*	1,630
Gamo Gofa	23,806	11,559	*	2,076	1,047	*	25,484	9,661	15,822	*	*	*
Bench Maji	3,989	2,227	1,762	3,114	*	*	9,353	3,502	5,851	*	-	*
Yem Sp. Wereda	3,144	1,693	1,451	*	*	-	2,449	908	1,541	218	*	194
Amaro Sp. Wereda	3,231	1,413	1,817	883	576	307	7,127	2,203	4,924	*	*	*
Burji Sp. Wereda	1,301	540	762	309	280	*	5,403	2,116	3,287	*	*	*
Konso Sp. Wereda	10,495	7,174	3,321	3,345	2,671	*	29,863	9,354	20,508	782	*	*
Derashe Sp. Wereda	2,655	1,248	1,406	*	*	*	6,463	2,992	3,470	*	-	*
Dawro	4,916	1,856	3,059	1,017	668	349	6,095	1,850	4,245	-	-	-
Basketo Sp. Wereda	*	*	*	348	134	213	1,149	304	845	*	*	*
Konta Sp. Wereda	947	288	658	170	*	*	2,747	1,204	1,543	-	-	-
Silte	13,988	4,583	9,406	4,953	3,591	1,362	15,405	4,466	10,939	*	*	*
Alaba Sp. Wereda	3,709	1,245	2,463	1,678	1,096	581	6,749	1,778	4,971	322	*	271
Harari	2,413	1,342	1,071	1,204	874	330	3,341	1,306	2,035	718	*	638
Hundene	2,413	1,342	1,071	1,204	874	330	3,341	1,306	2,035	718	*	638
Addis Ababa	473	262	212	602	509	93	491	223	268	*	*	*
Zone 3	303	150	153	445	352	93	370	142	228	*	*	*
Zone 6	171	111	*	157	157	-	121	82	*	*	*	*
Dire Dawa	11,292	8,226	3,066	*	*	*	28,144	8,722	19,422	2,518	650	1,868

d. Horses

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	191,554	128,034	63,520	167,390	83,199	84,191	*	2,030	*
Tigray	*	*	*	*	*	*	-	-	-
North West Tigray	-	-	-	-	-	-	-	-	-
Central Tigray	-	-	-	-	-	-	-	-	-
Eastern Tigray	*	-	*	*	-	*	-	-	-
Southern Tigray	*	*	-	*	-	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	*	*	*	*	*	*	-	-	-
Zone 1	-	-	-	-	-	-	-	-	-
Zone 3	*	*	*	*	*	*	-	-	-
Amhara	30,942	17,406	13,536	34,831	17,269	17,562	-	-	-
North Gonder	2,754	*	*	*	*	*	-	-	-
South Gonder	*	*	*	*	*	*	-	-	-
North Wolo	3,008	*	1,733	3,229	*	2,157	-	-	-
South Wolo	8,815	5,105	3,710	*	*	*	-	-	-
North Shewa	3,470	2,436	*	3,809	2,473	*	-	-	-
East Gojam	5,279	3,482	1,798	6,793	3,505	3,288	-	-	-
West Gojam	*	*	-	2,582	*	1,792	-	-	-
Waghamera	-	-	-	-	-	-	-	-	-
Awi	2,829	1,436	*	5,811	3,397	2,415	-	-	-
Oromia	*	*	-	-	-	-	-	-	-
Oromia	138,198	98,826	39,372	96,124	47,107	49,017	*	1,364	*
West Wellega	*	*	-	*	*	*	-	-	-
East Wellega	1,443	*	*	5,480	2,756	*	-	-	-
Illubabor	*	*	1,684	5,424	2,821	2,603	-	-	-
Jimma	7,411	4,426	2,985	9,854	2,664	7,190	*	*	*
West Shewa	*	*	*	17,015	9,774	7,241	*	*	*
North Shewa	4,434	2,821	1,613	5,180	2,896	*	*	-	*
East Shewa	*	*	*	5,022	4,450	*	-	-	-
Arsi	16,503	10,189	6,315	13,990	5,653	8,336	*	-	*
West Harerghe	*	*	*	*	*	*	-	-	-
East Harerghe	-	-	-	*	*	-	*	-	*
Bale	10,521	5,221	*	21,146	9,078	12,068	*	*	-
Borena	*	*	-	*	*	-	-	-	-
South West Shewa	*	*	*	2,370	2,240	*	-	-	-
Guji	4,852	3,533	1,319	8,227	3,356	4,870	*	-	*

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	-	-	-	*	*	*	*	*	7
Shinele	-	-	-	-	-	-	10	3	7
Jijiga	-	-	-	*	*	*	*	*	-
Liben	-	-	-	*	-	*	-	-	-
Benshangul-Gumuz	*	*	*	*	*	752	-	-	-
Metekel	*	*	-	*	-	*	-	-	-
Asosa	*	*	*	*	*	*	-	-	-
Kemeshi	*	*	-	-	-	-	-	-	-
SNNP	21,124	11,025	10,099	34,244	18,177	16,067	1,472	*	*
Gurage	1,824	1,300	*	2,196	*	1,332	*	*	*
Hadiya	*	*	*	3,111	1,778	1,332	-	-	-
Kembata Tembaro	*	*	*	*	*	*	*	-	*
Sidama	4,520	1,852	2,667	4,235	*	*	-	-	-
Gedio	656	549	*	1,438	1,296	*	*	*	-
Wolayita	*	*	*	*	*	*	-	-	-
South Omo	776	543	*	*	*	*	-	-	-
Shaka	399	306	*	*	195	*	*	*	*
Kaffa	3,205	1,942	1,264	5,691	3,446	2,245	*	-	*
Gamo Gofa	1,259	*	*	*	*	*	-	-	-
Bench Maji	722	542	*	*	617	*	*	*	-
Yem Sp. Wereda	*	*	-	*	-	*	-	-	-
Amaro Sp. Wereda	*	-	*	*	-	*	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	*	*	-	621	*	312	-	-	-
Basketo Sp. Wereda	*	*	-	*	*	-	-	-	-
Konta Sp. Wereda	*	*	-	*	*	*	-	-	-
Silte	647	*	*	*	*	*	-	-	-
Alaba Sp. Wereda	*	*	-	*	*	*	-	-	-
Harari	-	-	-	*	-	*	-	-	-
Hundene	-	-	-	*	-	*	-	-	-
Addis Ababa	*	*	-	*	*	-	-	-	-
Zone 3	-	-	-	*	*	-	-	-	-
Zone 6	*	*	-	-	-	-	-	-	-
Dire Dawa	-	-	-	*	*	*	-	-	-

e. Donkeys

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	258,162	153,775	104,387	256,746	121,827	134,919	9,081	3,818	5,263
Tigray	29,842	19,077	10,765	25,016	12,977	12,039	*	*	-
North West Tigray	3,048	1,765	1,283	4,253	1,931	2,322	*	*	-
Central Tigray	6,201	3,879	2,323	5,349	2,548	2,801	*	*	-
Eastern Tigray	7,592	4,391	3,200	3,630	2,002	1,628	*	*	-
Southern Tigray	11,169	7,970	3,199	8,638	4,772	3,865	-	-	-
Western Tigray	*	*	*	3,146	1,724	1,423	-	-	-
Afar	197	*	*	502	*	261	-	-	-
Zone 1	-	-	-	*	*	*	-	-	-
Zone 3	197	*	*	434	*	243	-	-	-
Amhara	119,345	66,377	52,968	77,602	29,470	48,132	2,139	1,565	*
North Gonder	14,924	8,809	6,115	11,725	6,417	5,309	-	-	-
South Gonder	13,954	6,815	7,139	10,010	2,955	7,055	*	*	*
North Wolo	16,824	8,271	8,552	5,918	2,792	3,126	*	*	*
South Wolo	30,168	18,193	11,974	9,829	2,877	6,952	-	-	-
North Shewa	13,112	6,919	6,193	11,987	3,084	8,903	*	*	-
East Gojam	12,111	6,301	5,811	11,091	5,047	6,043	*	*	-
West Gojam	9,006	5,463	3,542	10,117	3,101	7,016	-	-	-
Waghamera	2,965	1,867	1,098	2,539	1,446	1,094	-	-	-
Awi	4,263	2,820	1,443	3,608	1,334	2,274	-	-	-
Oromia	2,019	918	1,101	778	417	*	*	-	*
Oromia	84,192	52,008	32,184	124,433	63,610	60,823	5,435	*	4,339
West Wellega	4,648	3,084	1,564	8,207	4,146	4,061	-	-	-
East Wellega	4,741	3,961	779	17,070	*	3,799	-	-	-
Illubabor	*	*	*	*	763	*	-	-	-
Jimma	4,004	2,785	1,218	6,319	3,706	2,613	-	-	-
West Shewa	7,615	5,162	2,453	12,572	5,052	7,519	*	-	*
North Shewa	8,975	6,303	2,672	8,630	3,534	5,096	*	*	*
East Shewa	9,835	6,113	3,721	11,130	4,136	6,994	*	-	*
Arsi	17,945	9,289	8,656	18,388	9,077	9,311	*	-	*
West Harerghe	2,199	1,759	*	7,926	4,664	3,262	*	*	*
East Harerghe	3,462	1,739	1,723	5,388	2,608	2,780	*	*	-
Bale	11,602	5,456	6,147	11,683	5,705	5,978	-	-	-
Borena	940	*	592	2,765	*	1,608	-	-	-
South West Shewa	5,836	3,981	1,855	9,191	4,018	5,173	*	-	*
Guji	*	*	-	3,628	1,772	*	-	-	-

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	452	282	*	1,167	677	490	*	*	-
Shinele	24	24	-	98	45	54	-	-	-
Jijiga	324	*	*	*	*	*	*	*	-
Liben	*	*	*	613	*	*	-	-	-
Benshangul-Gumuz	4,985	4,597	389	6,090	4,021	2,069	*	*	-
Metekel	2,704	2,704	-	1,576	1,275	*	-	-	-
Asosa	1,686	1,349	337	3,180	1,551	1,629	*	*	-
Kemeshi	595	543	*	1,334	1,194	*	-	-	-
SNNP	18,591	11,051	7,541	20,114	9,904	10,210	854	*	*
Gurage	1,745	1,341	*	2,560	1,844	*	*	*	-
Hadiya	2,989	1,883	1,106	2,711	758	1,953	-	-	-
Kembata Tembaro	2,381	1,963	*	559	448	*	-	-	-
Sidama	4,438	*	2,881	4,665	*	3,422	-	-	-
Gedio	*	*	-	*	*	-	-	-	-
Wolayita	2,430	2,014	*	1,314	877	*	-	-	-
South Omo	475	321	*	*	*	*	*	-	*
Shaka	*	*	-	*	*	-	-	-	-
Kaffa	*	*	-	*	*	*	-	-	-
Gamo Gofa	-	-	-	1,370	1,155	*	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	169	147	*	*	*	*	-	-	-
Amaro Sp. Wereda	-	-	-	*	*	-	-	-	-
Burji Sp. Wereda	*	*	*	139	80	59	-	-	-
Konso Sp. Wereda	*	*	-	538	420	*	*	-	*
Derashe Sp. Wereda	*	*	*	200	*	*	*	*	-
Dawro	*	*	*	*	*	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	*	-	*	-	-	-
Silte	2,133	581	1,552	2,513	945	1,568	*	*	-
Alaba Sp. Wereda	862	418	443	859	*	751	*	-	*
Harari	*	*	-	266	221	*	*	*	*
Hundene	*	*	-	266	221	*	*	*	*
Addis Ababa	215	172	43	442	299	143	-	-	-
Zone 3	172	172	-	271	218	*	-	-	-
Zone 6	43	-	43	171	81	*	-	-	-
Dire Dawa	*	*	*	1,114	*	707	*	*	*

f. Mules

Geographic Area	Number of Sales			Number of Deaths			Offerings		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Ethiopia	34,664	18,063	16,601	25,395	14,138	11,257	*	*	*
Tigray	*	*	-	*	*	*	-	-	-
North West Tigray	-	-	-	*	-	*	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-
Eastern Tigray	*	*	-	*	-	*	-	-	-
Southern Tigray	*	*	-	*	*	*	-	-	-
Western Tigray	-	-	-	*	*	-	-	-	-
Afar	-	-	-	215	89	127	-	-	-
Zone 1	-	-	-	*	*	-	-	-	-
Zone 3	-	-	-	201	*	127	-	-	-
Amhara	17,337	8,411	8,926	7,161	2,757	*	-	-	-
North Gonder	*	*	*	*	*	*	-	-	-
South Gonder	1,162	*	*	*	*	*	-	-	-
North Wolo	3,524	*	2,426	-	-	-	-	-	-
South Wolo	*	*	*	*	*	-	-	-	-
North Shewa	*	*	*	*	*	-	-	-	-
East Gojam	-	-	-	*	*	*	-	-	-
West Gojam	*	*	*	*	*	*	-	-	-
Waghamera	*	*	*	*	*	-	-	-	-
Awi	-	-	-	-	-	-	-	-	-
Oromia	-	-	-	-	-	-	-	-	-
Oromia	12,877	5,993	6,883	11,793	7,690	4,103	*	-	*
West Wellega	*	*	*	*	*	-	-	-	-
East Wellega	863	*	*	*	*	*	-	-	-
Illubabor	*	-	*	*	-	*	*	-	*
Jimma	3,522	1,265	2,257	1,875	*	*	-	-	-
West Shewa	*	-	*	*	*	-	-	-	-
North Shewa	*	*	*	*	*	*	*	-	*
East Shewa	-	-	-	1,170	927	*	-	-	-
Arsi	2,434	*	1,283	1,330	*	*	-	-	-
West Harerghe	*	*	*	-	-	-	-	-	-
East Harerghe	-	-	-	*	-	*	-	-	-
Bale	1,569	*	*	*	*	*	-	-	-
Borena	*	*	*	*	*	*	-	-	-
South West Shewa	*	*	*	623	*	*	-	-	-
Guji	*	*	*	*	*	*	-	-	-

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	-	-	-	*	-	*	-	-	-
SNNP	3,220	2,429	791	4,898	3,192	*	*	*	-
Gurage	-	-	-	*	*	*	-	-	-
Hadiya	736	*	*	*	*	-	-	-	-
Kembata Tembaro	-	-	-	*	*	-	*	*	-
Sidama	-	-	-	-	-	-	-	-	-
Gedio	*	*	-	*	*	-	-	-	-
Wolayita	*	*	-	-	-	-	-	-	-
South Omo	*	*	*	*	*	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-
Kaffa	914	*	*	885	754	*	-	-	-
Gamo Gofa	-	-	-	*	-	*	-	-	-
Bench Maji	*	-	*	-	-	-	-	-	-
Yem Sp. Wereda	*	-	*	-	-	-	-	-	-
Amaro Sp. Wereda	*	*	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-
Dawro	*	*	*	*	*	*	-	-	-
Basketo Sp. Wereda	68	*	*	*	*	*	-	-	-
Konta Sp. Wereda	*	-	*	*	*	*	*	*	-
Silte	*	*	-	*	929	*	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-
Harari	-	-	-	-	-	-	-	-	-
Hundene	-	-	-	-	-	-	-	-	-
Addis Ababa	-	-	-	*	*	-	-	-	-
Zone 3	-	-	-	*	*	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-
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	19,662	15,958	3,704	6,935	4,468	2,468	28,151	11,486	16,666	1,228	*	*
Tigray	4,341	4,341	-	*	*	*	1,822	*	*	*	*	*
North West Tigray	*	*	-	*	*	*	*	*	-	-	-	-
Central Tigray	*	*	-	-	-	-	-	-	-	-	-	-
Eastern Tigray	-	-	-	-	-	-	-	-	-	-	-	-
Southern Tigray	3,469	3,469	-	-	-	-	*	*	-	*	*	*
Western Tigray	*	*	-	-	-	-	*	-	*	-	-	-
Afar	1,935	1,707	228	*	354	*	6,446	2,256	4,189	*	*	*
Zone 1	*	*	*	-	-	-	1,671	848	*	*	*	-
Zone 3	1,721	1,520	202	*	354	*	4,775	1,408	3,367	*	*	*
Amhara	4,951	4,439	*	*	*	-	*	*	*	-	-	-
North Gonder	*	-	*	*	*	-	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-	-	-	-	-	-	-
North Wolo	*	*	-	-	-	-	*	-	*	-	-	-
South Wolo	*	*	-	*	*	-	-	-	-	-	-	-
North Shewa	*	*	-	-	-	-	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-	-	-	-	-	-	-
Waghamera	*	-	*	-	-	-	*	*	*	-	-	-
Awi	-	-	-	-	-	-	-	-	-	-	-	-
Oromia	*	*	-	-	-	-	*	*	-	-	-	-
Oromia	6,380	3,896	2,484	*	*	*	14,341	5,103	*	*	*	*
West Wellega	-	-	-	-	-	-	-	-	-	-	-	-
East Wellega	-	-	-	-	-	-	*	-	*	-	-	-
Illubabor	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	*	*	-	-	-	-	-	-	-	-	-	-
West Shewa	*	*	*	-	-	-	*	*	-	-	-	-
North Shewa	-	-	-	-	-	-	-	-	-	-	-	-
East Shewa	*	*	*	-	-	-	*	*	*	-	-	-
Arsi	*	-	*	-	-	-	-	-	-	-	-	-
West Harerghe	*	*	*	*	*	*	*	*	*	*	-	*
East Harerghe	-	-	-	-	-	-	-	-	-	-	-	-
Bale	-	-	-	*	-	*	*	*	*	-	-	-
Borena	*	*	-	*	*	-	*	*	*	*	*	-
South West Shewa	-	-	-	-	-	-	-	-	-	-	-	-
Guji	*	*	-	-	-	-	*	*	*	-	-	-

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	1,919	1,463	*	488	463	*	2,526	998	1,527	-	-	-
Shinele	58	39	20	-	-	-	193	141	53	-	-	-
Jijiga	*	*	-	*	*	-	*	*	*	-	-	-
Liben	*	1,247	*	442	417	*	1,948	571	1,377	-	-	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
Metekel	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-	-	-	-
Kemeshi	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	*	*	-	*	*	-	*	*	*	-	-	-
Gurage	-	-	-	-	-	-	-	-	-	-	-	-
Hadiya	-	-	-	-	-	-	-	-	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-	-	-	-	-	-	-
Sidama	-	-	-	-	-	-	-	-	-	-	-	-
Gedio	-	-	-	-	-	-	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-	-	-	-	-	-	-
South Omo	-	-	-	*	*	-	-	-	-	-	-	-
Shaka	-	-	-	-	-	-	-	-	-	-	-	-
Kaffa	-	-	-	-	-	-	*	*	*	-	-	-
Gamo Gofa	-	-	-	-	-	-	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-	-	-	-	-	-	-
Yem Sp. Wereda	*	*	-	-	-	-	-	-	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Dawro	-	-	-	-	-	-	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Silte	-	-	-	-	-	-	-	-	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-	-	-	-	-	-	-
Harari	*	*	-	-	-	-	*	-	*	-	-	-
Hundene	*	*	-	-	-	-	*	-	*	-	-	-
Addis Ababa	-	-	-	-	-	-	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa	*	*	*	*	*	*	692	438	255	*	*	*

h. Poultry

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Ethiopia	7,528,202	7,556,883	26,087,604	301,878
Tigray	1,017,266	1,447,022	2,524,800	41,132
North West Tigray	245,156	500,657	902,988	17,706
Central Tigray	362,033	417,156	592,134	4,595
Eastern Tigray	132,331	106,020	280,284	4,284
Southern Tigray	220,165	230,165	253,818	4,917
Western Tigray	57,580	193,024	495,575	*
Afar	4,437	11,446	26,460	*
Zone 1	*	*	*	-
Zone 3	4,404	11,398	26,431	*
Amhara	2,932,590	3,547,586	6,844,734	67,598
North Gonder	522,850	990,541	1,954,499	17,104
South Gonder	348,196	386,190	954,810	11,518
North Wolo	418,656	427,758	405,758	5,817
South Wolo	396,353	251,057	463,866	*
North Shewa	297,972	504,200	767,418	12,470
East Gojam	214,125	117,617	301,081	5,004
West Gojam	329,715	516,602	1,241,686	4,888
Waghamera	134,037	95,871	155,454	3,118
Awi	143,870	202,486	439,968	3,195
Oromia	126,816	55,264	160,194	1,488
Oromia	2,471,682	1,733,898	10,566,086	124,076
West Wellega	231,122	300,665	1,542,617	3,883
East Wellega	142,221	108,525	845,927	2,175
Illubabor	112,843	129,921	778,053	3,912
Jimma	213,216	160,056	1,164,863	14,965
West Shewa	237,898	249,359	991,359	6,356
North Shewa	127,792	79,031	464,716	5,003
East Shewa	320,730	85,243	660,042	4,617
Arsi	403,587	216,613	1,179,846	24,700
West Harerghe	129,676	134,241	743,807	22,447
East Harerghe	126,329	46,775	725,623	14,066
Bale	159,125	54,183	504,796	14,610
Borena	74,350	48,242	237,193	3,512
South West Shewa	138,931	87,408	463,827	2,593
Guji	53,861	33,637	263,415	*

TABLE 3-20 – h CONT'D

Geographic Area	Total Number of Sales	Total Number of Slaughters	Total Number of Deaths	Offerings
Somale	1,806	1,850	19,218	*
Shinele	547	393	2,753	*
Jijiga	*	-	7,037	-
Liben	911	1,457	9,428	*
Benshangul-Gumuz	157,277	221,860	1,014,028	4,557
Metekel	59,535	122,089	352,900	1,899
Asosa	80,260	79,102	550,414	2,022
Kemeshi	17,482	20,669	110,714	636
SNNP	925,174	585,629	5,020,409	62,135
Gurage	75,271	43,168	267,559	7,566
Hadiya	126,079	58,265	550,630	9,679
Kembata Tembaro	39,266	29,998	196,398	3,638
Sidama	184,216	56,225	490,089	*
Gedio	42,765	32,532	198,627	*
Wolayita	84,078	8,177	263,201	4,057
South Omo	28,706	32,784	281,195	3,263
Shaka	20,338	33,501	183,146	1,853
Kaffa	61,214	99,654	801,686	5,940
Gamo Gofa	49,656	22,722	403,524	*
Bench Maji	66,822	103,864	583,538	5,683
Yem Sp. Wereda	6,379	891	17,370	*
Amaro Sp. Wereda	7,767	5,177	43,449	*
Burji Sp. Wereda	2,180	1,588	21,872	*
Konso Sp. Wereda	6,376	4,341	85,746	1,337
Derashe Sp. Wereda	5,553	2,416	45,662	*
Dawro	19,998	2,044	91,316	*
Basketo Sp. Wereda	2,588	5,434	33,315	334
Konta Sp. Wereda	3,657	1,341	51,248	*
Silte	76,724	38,190	328,349	1,717
Alaba Sp. Wereda	15,541	3,319	82,488	*
Harari	6,339	1,061	20,688	535
Hundene	6,339	1,061	20,688	535
Addis Ababa	6,097	5,841	19,716	140
Zone 3	4,792	3,218	13,764	122
Zone 6	1,305	2,623	5,952	*
Dire Dawa	5,534	688	31,464	894

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	6,217,640	8,184,045	1.357	6	2,318,029,308	129,583	*	3.667	11	95,793,359
Tigray	44,961	483,460	1.495	7	143,569,499	-	*	*	*	-
North West Tigray	8,540	126,236	2.519	7	53,719,326	-	-	*	-	-
Central Tigray	17,774	87,337	0.992	7	18,221,343	-	*	-	-	-
Eastern Tigray	3,424	52,176	1.159	6	10,645,108	-	-	-	-	-
Southern Tigray	12,675	120,712	1.181	8	34,972,920	-	*	-	-	-
Western Tigray	2,548	96,999	1.495	5	26,010,802	-	*	-	*	-
Afar	97,006	77,915	2.061	6	38,339,824	42,286	28,491	4.361	9	34,556,322
Zone 1	40,233	37,680	2.486	6	22,677,467	*	*	*	*	*
Zone 3	56,773	40,235	1.73	6	15,662,357	38,781	25,125	4.49	9	29,454,856
Amhara	447,852	1,656,969	1.188	6	377,663,102	-	-	*	*	-
North Gonder	70,712	342,853	1.315	6	82,704,144	-	-	*	-	-
South Gonder	53,378	207,655	1.184	6	48,259,706	-	-	-	-	-
North Wolo	29,019	139,732	1.231	6	33,048,577	-	-	-	-	-
South Wolo	101,830	224,468	1.436	6	58,856,663	-	-	-	-	-
North Shewa	44,923	150,455	1.128	6	33,220,454	-	-	-	-	-
East Gojam	33,012	165,812	0.845	6	28,153,107	-	-	-	-	-
West Gojam	64,613	196,372	1.034	6	42,975,712	-	-	-	-	-
Waghamera	*	43,192	1.073	6	8,276,534	-	-	-	-	-
Awi	20,363	126,101	1.06	7	26,628,174	-	-	-	-	-
Oromia	28,877	60,329	1.259	6	15,540,031	-	-	*	*	-
Oromia	3,071,998	3,800,967	1.465	7	1,182,305,557	45,178	35,221	3.501	10	29,643,418
West Wellega	200,228	222,206	1.291	7	61,970,507	-	*	-	-	-
East Wellega	189,000	258,064	*	7	*	-	*	-	-	-
Illubabor	82,894	152,556	1.039	6	30,944,848	-	-	-	-	-
Jimma	270,775	344,764	1.129	6	76,758,476	-	*	-	-	-
West Shewa	254,360	331,135	1.281	7	93,978,012	-	-	-	-	-
North Shewa	211,458	226,841	1.605	7	87,324,114	-	*	-	-	-
East Shewa	245,554	272,003	1.152	7	66,236,183	*	*	3.288	10	3,519,268
Arsi	390,443	524,365	1.516	7	172,726,916	*	*	*	*	*
West Harerghe	70,471	190,912	1.626	6	59,720,734	*	*	4.177	10	5,562,802
East Harerghe	198,103	229,046	1.56	6	67,087,754	-	-	-	*	-
Bale	502,584	415,561	1.305	7	116,545,881	8,673	7,077	2.634	8	3,380,429
Borena	114,680	314,450	2.458	7	119,304,962	18,843	11,531	3.419	11	12,328,815
South West Shewa	139,250	124,002	1.082	7	28,599,167	-	-	-	-	-
Guji	202,197	195,061	1.299	7	63,943,456	*	*	*	11	*

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	117,736	137,293	1.653	6	44,478,797	39,557	23,759	3.811	12	29,950,889
Shinele	2,404	3,088	1.425	5	819,338	1,153	602	2.901	*	962,945
Jijiga	93,247	98,055	1.617	5	27,980,551	16,685	7,930	3.391	11	8,031,441
Liben	22,085	36,150	1.813	7	15,678,908	21,719	15,228	4.239	11	20,956,503
Benshangul-Gumuz	23,972	71,906	2.197	7	27,815,319	-	-	-	-	-
Metekel	6,663	52,135	*	7	22,846,849	-	-	-	-	-
Asosa	13,098	10,544	1.143	6	2,299,717	-	-	-	-	-
Kemeshi	4,210	9,228	1.408	6	2,668,753	-	-	-	-	-
SNNP	2,396,684	1,932,274	1.237	7	495,930,360	-	*	*	*	-
Gurage	272,740	204,925	1.097	6	44,531,891	-	*	-	-	-
Hadiya	188,455	148,818	1.14	6	34,027,615	-	-	-	-	-
Kembata Tembaro	86,413	75,307	1.262	7	19,877,251	-	-	-	-	-
Sidama	572,295	441,828	1.119	7	105,854,514	-	*	-	*	-
Gedio	22,975	19,663	*	5	*	-	-	-	-	-
Wolayita	255,694	198,813	1.379	8	69,958,523	-	*	-	*	-
South Omo	111,770	97,724	1.356	6	27,086,984	-	-	-	-	-
Shaka	25,017	24,372	1.579	6	7,957,073	-	-	-	-	-
Kaffa	148,209	150,723	1.513	6	45,354,226	-	-	-	-	-
Gamo Gofa	253,342	208,895	1.003	6	43,361,025	-	-	*	-	-
Bench Maji	121,944	97,303	1.672	6	33,514,350	-	-	-	-	-
Yem Sp. Wereda	8,446	6,957	0.924	6	1,381,800	-	-	-	-	-
Amaro Sp. Wereda	7,150	16,168	1.025	5	2,933,438	-	-	-	-	-
Burji Sp. Wereda	3,606	4,618	0.711	5	700,685	-	-	-	-	-
Konso Sp. Wereda	14,338	14,755	1.12	7	3,925,504	-	-	-	-	-
Derashe Sp. Wereda	13,406	12,611	1.048	7	3,139,499	-	-	-	-	-
Dawro	96,962	62,343	0.963	6	12,225,608	-	-	-	-	-
Basketo Sp. Wereda	7,368	5,285	0.948	6	995,340	-	-	-	-	-
Konta Sp. Wereda	17,755	14,567	1.009	6	2,839,831	-	-	-	-	-
Silte	132,782	99,103	0.978	6	18,616,416	-	-	-	-	-
Alaba Sp. Wereda	36,017	27,494	1.108	6	5,755,118	-	-	-	-	-
Harari	8,352	9,678	1.889	6	3,214,823	*	*	*	*	*
Hundene	8,352	9,678	1.889	6	3,214,823	*	*	*	*	*
Addis Ababa	3,647	4,422	1.795	6	2,051,277	-	-	-	-	-
Zone 3	2,387	3,068	1.708	6	1,355,760	-	-	-	-	-
Zone 6	1,260	1,354	2.015	6	695,516	-	-	-	-	-
Dire Dawa	5,432	9,161	1.61	5	2,660,749	1,604	1,161	2.462	10	843,349

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	9,772,558	4	20	12	57,238,991
Tigray	726,004	5	20	13	5,676,169
North West Tigray	162,719	3	18	12	760,807
Central Tigray	220,493	5	20	13	1,871,526
Eastern Tigray	140,461	6	22	15	1,572,340
Southern Tigray	127,623	5	22	13	1,169,585
Western Tigray	74,707	3	17	11	301,912
Afar	14,483	4	16	10	77,430
Zone 1	*	*	*	*	*
Zone 3	14,308	4	16	10	76,011
Amhara	2,894,146	4	21	12	17,055,378
North Gonder	481,048	3	18	11	1,891,069
South Gonder	323,611	3	20	12	1,493,620
North Wolo	288,767	5	23	11	1,829,165
South Wolo	515,790	5	23	12	3,904,709
North Shewa	459,111	5	21	11	2,885,762
East Gojam	267,405	5	22	13	2,030,363
West Gojam	316,998	3	20	13	1,573,452
Waghamera	63,377	5	21	11	388,873
Awi	123,571	3	20	13	702,797
Oromia	54,468	5	21	12	355,569
Oromia	3,873,366	4	20	12	23,473,061
West Wellega	373,282	3	19	11	1,450,777
East Wellega	228,356	3	20	11	863,156
Illubabor	232,147	3	18	10	817,834
Jimma	464,039	3	19	10	1,953,286
West Shewa	331,389	5	22	12	2,597,862
North Shewa	203,952	5	23	13	1,622,540
East Shewa	327,539	5	23	13	2,612,566
Arsi	459,947	5	22	13	3,648,316
West Harerghe	289,350	4	19	11	1,620,198
East Harerghe	370,998	5	18	10	2,176,860
Bale	171,349	5	22	13	1,197,839
Borena	103,699	4	18	12	565,704
South West Shewa	187,452	6	22	13	1,590,757
Guji	129,867	4	18	12	755,365

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	37,716	5	19	12	257,784
Shinele	1,560	5	20	12	11,600
Jijiga	24,849	6	20	12	183,723
Liben	11,307	4	16	12	62,461
Benshangul-Gumuz	148,109	3	18	11	672,791
Metekel	57,459	4	18	11	262,013
Asosa	69,637	3	17	11	328,918
Kemeshi	21,013	3	18	10	81,860
SNNP	2,036,326	4	18	11	9,742,279
Gurage	211,919	4	20	11	1,163,617
Hadiya	185,460	3	18	11	716,401
Kembata Tembaro	94,548	4	16	11	441,423
Sidama	304,113	4	18	11	1,754,941
Gedio	55,107	4	17	11	310,556
Wolayita	194,602	4	17	10	855,473
South Omo	99,422	4	21	12	501,256
Shaka	38,482	3	18	11	145,490
Kaffa	170,592	3	17	10	632,252
Gamo Gofa	180,812	4	18	10	773,330
Bench Maji	122,112	4	16	11	690,053
Yem Sp. Wereda	13,785	4	20	11	78,994
Amaro Sp. Wereda	17,384	4	19	12	99,391
Burji Sp. Wereda	7,484	3	20	11	33,994
Konso Sp. Wereda	33,207	4	20	11	173,384
Derashe Sp. Wereda	25,680	4	20	12	149,663
Dawro	53,443	5	15	9	238,375
Basketo Sp. Wereda	11,102	4	19	11	49,806
Konta Sp. Wereda	16,267	3	17	9	52,154
Silte	172,854	4	19	10	764,774
Alaba Sp. Wereda	27,950	3	19	11	116,953
Harari	11,302	5	19	11	67,903
Hundene	11,302	5	19	11	67,903
Addis Ababa	9,942	6	24	14	95,354
Zone 3	6,750	6	22	13	60,580
Zone 6	3,192	6	26	16	34,774
Dire Dawa	21,165	5	19	10	120,843

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	562,465	5	38	32	7,369,932
Tigray	109,605	6	26	21	1,224,401
North West Tigray	18,690	5	20	17	195,194
Central Tigray	34,003	6	25	20	413,191
Eastern Tigray	24,305	6	30	25	256,583
Southern Tigray	27,823	6	27	22	344,623
Western Tigray	4,784	3	18	14	14,809
Afar	*	*	*	*	*
Zone 1	*	*	*	*	*
Zone 3	*	*	*	*	*
Amhara	153,217	4	33	27	1,733,165
North Gonder	23,471	4	21	17	201,057
South Gonder	17,080	5	23	19	154,979
North Wolo	6,512	4	*	16	*
South Wolo	14,223	6	28	23	201,661
North Shewa	29,516	4	31	25	311,619
East Gojam	25,838	5	49	41	385,169
West Gojam	23,614	4	48	35	290,406
Waghamera	2,729	5	18	16	*
Awi	8,554	4	26	29	115,837
Oromia	1,679	4	29	24	21,123
Oromia	255,191	5	44	39	3,774,872
West Wellega	5,487	4	*	*	*
East Wellega	6,249	*	25	22	58,392
Illubabor	7,470	4	*	*	81,506
Jimma	19,183	4	32	27	127,070
West Shewa	33,812	5	60	55	718,269
North Shewa	27,389	5	45	36	337,530
East Shewa	43,330	9	37	30	680,044
Arsi	52,021	5	31	28	628,655
West Harerghe	7,211	4	20	15	*
East Harerghe	10,575	5	23	19	107,267
Bale	15,241	3	96	88	459,434
Borena	2,785	4	29	25	26,000
South West Shewa	22,021	5	49	39	376,809
Guji	2,416	5	44	43	*

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	2,851	4	26	20	14,530
Metekel	1,439	*	24	19	6,906
Asosa	*	*	*	*	*
Kemeshi	*	*	*	*	*
SNNP	38,453	4	48	44	580,670
Gurage	5,287	2	*	*	*
Hadiya	1,055	*	*	*	*
Kembata Tembaro	3,431	4	*	*	39,526
Sidama	*	3	*	*	93,776
Gedio	*	*	*	*	*
Wolayita	*	6	22	20	*
South Omo	*	*	33	20	*
Shaka	785	3	22	20	6,146
Kaffa	4,327	5	25	19	42,507
Gamo Gofa	3,368	4	*	*	*
Bench Maji	2,305	*	*	*	10,839
Yem Sp. Wereda	136	*	*	*	*
Amaro Sp. Wereda	358	3	*	*	*
Burji Sp. Wereda	*	-	-	-	-
Konso Sp. Wereda	*	*	*	*	*
Derashe Sp. Wereda	*	5	*	*	7,158
Dawro	*	*	*	*	*
Basketo Sp. Wereda	228	4	*	*	*
Konta Sp. Wereda	*	*	*	*	*
Silte	2,378	5	27	23	12,607
Alaba Sp. Wereda	363	*	*	*	*
Harari	*	*	*	*	*
Hundene	*	*	*	*	*
Addis Ababa	623	8	29	26	11,161
Zone 3	470	7	20	19	5,356
Zone 6	154	9	51	*	*
Dire Dawa	1,915	6	24	19	23,629

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	266,267	1	103	99	2,538,512
Tigray	20,846	1	172	167	366,193
North West Tigray	*	*	*	*	*
Central Tigray	10,285	1	203	193	202,988
Eastern Tigray	4,347	1	230	224	121,464
Southern Tigray	4,944	1	*	*	*
Western Tigray	*	*	*	*	*
Afar	*	*	*	*	*
Zone 1	*	*	*	*	*
Zone 3	-	-	-	-	-
Amhara	39,821	1	97	93	343,315
North Gonder	7,876	1	*	*	*
South Gonder	5,535	1	28	27	16,614
North Wolo	*	*	*	*	*
South Wolo	6,062	1	43	42	22,908
North Shewa	*	*	*	*	*
East Gojam	6,015	1	219	213	*
West Gojam	4,714	1	177	162	74,913
Waghamera	*	*	*	*	*
Awi	*	*	43	42	*
Oromia	-	-	-	-	-
Oromia	194,442	1	97	94	1,754,594
West Wellega	7,778	1	27	23	21,204
East Wellega	12,751	1	62	69	42,055
Illubabor	5,520	1	50	46	32,366
Jimma	15,448	1	48	48	65,961
West Shewa	8,764	*	*	*	96,114
North Shewa	39,704	1	86	81	209,449
East Shewa	16,256	1	77	85	129,031
Arsi	29,497	1	115	108	*
West Harerghe	18,650	1	*	*	*
East Harerghe	13,658	1	123	111	*
Bale	9,634	1	146	147	187,878
Borena	1,067	*	*	*	*
South West Shewa	14,861	1	147	107	216,670
Guji	*	*	*	*	*

TABLE 3-22 - c CONT'D

Geographic Area	Total Laying Hens	Average Number of Egg-laying period/Year	Average Length of a Period	Average Number of Eggs /Hen /Period	Total Egg Production (Number)
Somale	*	*	*	*	*
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	*	*	*	*	*
Benshangul-Gumuz	*	*	*	*	*
Metekel	*	*	*	*	*
Asosa	*	*	*	*	*
Kemeshi	*	*	*	*	*
SNNP	8,326	1	85	76	53,245
Gurage	*	*	*	*	*
Hadiya	*	*	*	*	*
Kembata Tembaro	1,185	1	*	*	*
Sidama	*	*	*	*	*
Gedio	*	*	*	*	*
Wolayita	*	-	-	-	-
South Omo	-	-	-	-	-
Shaka	*	1	*	*	*
Kaffa	*	*	*	*	*
Gamo Gofa	-	*	*	*	*
Bench Maji	*	*	*	*	*
Yem Sp. Wereda	*	*	*	*	*
Amaro Sp. Wereda	*	*	*	*	*
Burji Sp. Wereda	*	*	*	*	*
Konso Sp. Wereda	-	*	*	*	*
Derashe Sp. Wereda	291	*	*	*	*
Dawro	*	-	-	-	-
Basketo Sp. Wereda	*	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	*	*	*	*	*
Alaba Sp. Wereda	*	*	*	*	*
Harari	280	1	63	52	*
Hundene	280	1	63	52	*
Addis Ababa	133	1	155	*	*
Zone 3	89	1	100	89	*
Zone 6	44	-	*	*	-
Dire Dawa	652	*	*	*	*

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	8,525,708	3,388,248	2,709,277	895,865	1,228,198	1,400,666
Tigray	1,036,284	391,099	234,499	231,033	179,279	132,791
North West Tigray	155,077	*	39,378	22,258	*	61,653
Central Tigray	303,962	144,502	58,912	38,094	79,031	*
Eastern Tigray	187,538	118,885	80,133	*	82,575	46,975
Southern Tigray	323,591	87,897	49,231	126,114	*	11,531
Western Tigray	66,116	*	*	*	*	*
Afar	22,347	5,005	*	10,002	*	3,951
Zone 1	10,255	1,055	*	5,342	*	3,926
Zone 3	12,092	3,950	*	4,659	*	*
Amhara	1,281,436	641,906	343,190	130,764	57,196	224,099
North Gonder	224,929	156,933	*	*	*	*
South Gonder	63,987	*	*	-		24,418
North Wolo	52,473	*	*	*	17,910	*
South Wolo	307,174	97,050	132,389	*	*	*
North Shewa	84,852	46,752	*	9,136	*	*
East Gojam	181,440	151,381	*	*	*	*
West Gojam	182,820	93,946	*	*	-	77,570
Waghamera	10,156	*	*	*	*	1,342
Awi	119,009	*	*	55,186	*	45,340
Oromia	54,598	30,650	17,605	7,184	*	*
Oromia	4,270,430	1,678,649	1,254,749	327,287	714,760	846,367
West Wellega	301,720	84,594	*	57,003	88,704	71,544
East Wellega	293,356	129,826	32,511	3,351	94,469	*
Illubabor	163,979	65,455	*	-	*	*
Jimma	244,413	91,212	*	*	88,735	*
West Shewa	232,557	*	*	*	121,694	*
North Shewa	192,526	116,700	78,339	*	*	*
East Shewa	370,320	244,422	191,384	40,641	81,465	*
Arsi	661,968	366,724	130,872	-	14,815	171,870
West Harerghe	269,268	132,099	38,038	5,401	*	66,890
East Harerghe	221,037	46,733	78,672	*	*	54,782
Bale	426,155	106,858	124,285	*	*	193,042
Borena	385,559	*	*	179,271	*	110,240
South West Shewa	277,666	76,116	106,141	*	81,522	25,871
Guji	229,906	*	173,638	*	*	*

TABLE 3-23 – a CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	18,132	871	422	15,093	*	*
Shinele	4,357	871	365	3,112	-	*
Jijiga	9,663	-	-	*	*	*
Liben	*	-	*	*	*	-
Benshangul-Gumuz	70,544	21,644	19,241	6,908	*	*
Metekel	47,399	16,240	16,895	*	*	*
Asosa	17,148	*	*	2,237	*	*
Kemeshi	5,997	*	*	*	*	*
SNNP	1,801,617	642,578	846,499	172,198	248,999	174,834
Gurage	237,691	107,560	97,581	*	29,338	*
Hadiya	57,786	48,086	*	*	-	*
Kembata Tembaro	78,752	48,224	*	-	*	7,429
Sidama	367,704	*	246,045	56,067	73,193	*
Gedio	*	7,870	*	-	-	*
Wolayita	144,478	101,376	*	21,818	*	*
South Omo	67,581	*	*	*	*	*
Shaka	47,313	16,164	30,641	-	13,361	*
Kaffa	130,823	15,923	46,539	*	47,385	*
Gamo Gofa	195,536	62,088	125,771	*	-	*
Bench Maji	162,064	*	113,466	-	50,537	*
Yem Sp. Wereda	17,692	*	*	*	3,522	5,265
Amaro Sp. Wereda	8,718	1,042	*	*	*	*
Burji Sp. Wereda	21,458	3,895	5,382	5,207	4,565	6,933
Konso Sp. Wereda	17,493	*	*	9,502	*	*
Derashe Sp. Wereda	23,872	*	22,834	*		*
Dawro	40,544	10,290	15,240	*	*	*
Basketo Sp. Wereda	12,697	10,076	10,796	-	-	
Konta Sp. Wereda	20,084	4,982	7,776	2,874	4,929	*
Silte	99,152	66,644	30,287	*	*	*
Alaba Sp. Wereda	24,076	19,630	*	*	-	*
Harari	9,166	*	5,367	*	*	*
Hundene	9,166	*	5,367	*	*	*
Addis Ababa	5,143	2,696	2,291	142	1,215	265
Zone 3	4,191	2,163	1,837	142	1,160	*
Zone 6	953	*	454	-	*	*
Dire Dawa	10,608	*	*	*	*	*

b. Sheep

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	1,488,706	246,279	162,964	443,811	224,730	506,343
Tigray	283,299	73,458	70,064	47,552	135,070	52,610
North West Tigray	22,458	*	*	*	*	8,216
Central Tigray	91,163	16,065	9,658	*	59,160	*
Eastern Tigray	105,239	38,176	53,703	*	61,680	27,236
Southern Tigray	59,974	*	*	14,889	*	*
Western Tigray	*	*	-	-	*	-
Afar	5,602	*	-	4,459	-	*
Zone 1	2,475	-	-	*	-	*
Zone 3	*	*	-	*	-	-
Amhara	684,499	111,662	44,454	177,450	25,159	338,935
North Gonder	41,036	*	*	18,132	-	*
South Gonder	50,877	*	*	*		21,497
North Wolo	32,426	*	*	*	*	*
South Wolo	189,478	*	*	61,918	*	83,246
North Shewa	131,823	*	*	34,157	*	*
East Gojam	175,898	29,892	*	*	-	131,178
West Gojam	43,607	*	*	*	*	17,788
Waghamera	*	-	-	*	-	*
Awi	14,031	*	-	*	-	*
Oromia	2,833	*	*	*	-	*
Oromia	397,775	53,692	*	168,491	46,224	81,968
West Wellega	*	*	-	*	*	*
East Wellega	*	-	-	*	*	*
Illubabor	*	-	-	-	*	*
Jimma	*	-	-	-	*	*
West Shewa	*	-	-	-	*	-
North Shewa	87,721	*	*	*	*	32,899
East Shewa	*	*	*	*	*	*
Arsi	138,160	18,035	*	*	*	*
West Harerghe	25,484	5,342	*	-	*	*
East Harerghe	*	-	*	*	*	*
Bale	*	*	*	-	-	*
Borena	19,483	*	-	12,942	-	*
South West Shewa	1,417	-	-	*	*	*
Guji	*	-	-	*	-	-

TABLE 3-23 – b CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	*	-	*	*	520	*
Shinele	804	-	16	276	520	-
Jijiga	-	-	-	-	-	-
Liben	*	-	*	*	-	*
Benshangul-Gumuz	*	-	-	*	*	-
Metekel	*	-	-	-	*	-
Asosa	*	-	-	*	-	-
Kemeshi	-	-	-	-	-	-
SNNP	93,417	6,373	*	34,999	*	*
Gurage	6,176	*	-	*	-	-
Hadiya	5,686	*	-	*	*	*
Kembata Tembaro	2,649	974	-	*	-	-
Sidama	*	-	*	*	*	*
Gedio	*	-	*	*		*
Wolayita	1,524	*	-	*	-	-
South Omo	*	-	-	*	-	-
Shaka	*	*	-	*	*	*
Kaffa	3,395	-	*	-	*	*
Gamo Gofa	*	-	-	-	*	*
Bench Maji	*	-	*	*	*	-
Yem Sp. Wereda	*	-	-	-	-	*
Amaro Sp. Wereda	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-
Konso Sp. Wereda	6,724	-	-	6,902	*	*
Derashe Sp. Wereda	*	-	-	*	-	*
Dawro	*	-	-	*	-	-
Basketo Sp. Wereda	*	-	-	*	-	
Konta Sp. Wereda	*	*	*	*	-	-
Silte	*	-	*	*	*	-
Alaba Sp. Wereda	1,466	*	*	*	-	-
Harari	*	*	-	-	-	*
Hundene	*	*	-	-	-	*
Addis Ababa	*	-	-	*	-	*
Zone 3	*	-	-	*	-	-
Zone 6	-	-	-	-	-	*
Dire Dawa	14,757	*	*	*	*	*

c. Goats

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	1,505,550	222,808	139,038	318,539	481,319	369,658
Tigray	795,288	116,958	98,424	71,898	403,655	182,140
North West Tigray	195,963	9,256	26,414	14,773	*	124,016
Central Tigray	410,322	59,701	27,941	20,936	326,173	*
Eastern Tigray	65,740	*	37,310	*	43,108	*
Southern Tigray	108,450	15,108	*	31,654	23,114	29,693
Western Tigray	14,813	*	*	-	*	*
Afar	24,041	*	*	18,908	*	1,083
Zone 1	6,498	-	-	*	-	1,078
Zone 3	17,544	*	*	13,543	*	*
Amhara	233,560	33,801	14,629	74,623	*	110,992
North Gonder	29,347	5,152	*	*	-	-
South Gonder	19,442	*	*	*	-	*
North Wolo	11,893	*	*	*	*	*
South Wolo	51,877	*	*	*	-	*
North Shewa	*	*	*	*	*	*
East Gojam	*	*	*	-	-	*
West Gojam	*	*	-	-	-	*
Waghamera	*	-	*	*	*	*
Awi	*	-	-	*	-	*
Oromia	6,817	*	*	*	*	*
Oromia	307,270	59,373	22,544	57,345	38,852	60,106
West Wellega	*	*	-	*	-	-
East Wellega	-	-	-	-	-	-
Illubabor	*	-	*	-	*	*
Jimma	*	-	-	-	-	*
West Shewa	2,554	-	-	-	*	*
North Shewa	*	*	*	*	*	-
East Shewa	42,347	*	*	*	*	*
Arsi	22,633	10,630	*	*	*	*
West Harerghe	127,572	27,529	*	*	*	*
East Harerghe	50,629	*	*	*	*	14,226
Bale	*	-	*	*	*	-
Borena	43,187	*	-	33,041	*	*
South West Shewa	*	*	*	-	-	*
Guji	*	*	*	*	-	-

TABLE 3-23 – c CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	*	-	*	*	1,558	*
Shinele	2,112	-	119	782	1,558	-
Jijiga	*	-	-	-	-	*
Liben	*	-	*	*	-	*
Benshangul-Gumuz	*	*	*	*	*	*
Metekel	*	-	*	*	*	-
Asosa	*	*	-	*	*	*
Kemeshi	*	-	-	*	-	*
SNNP	84,895	6,974	*	68,527	*	7,557
Gurage	*	*	*	*	*	*
Hadiya	*	*	-	-	-	*
Kembata Tembaro	*	*	-	-	-	-
Sidama	-	-	-	-	-	-
Gedio	-	-	-	-	-	-
Wolayita	*	*	-	*	-	-
South Omo	*	-	-	*	-	-
Shaka	*	-	-	-	*	-
Kaffa	*	-	*	*	*	*
Gamo Gofa	*	-	-	*	-	-
Bench Maji	*	-	-	-	-	*
Yem Sp. Wereda	-	-	-	-	-	-
Amaro Sp. Wereda	*	-	*	*	-	-
Burji Sp. Wereda	1,244	-	-	1,209	-	-
Konso Sp. Wereda	16,382	-	-	15,669	*	*
Derashe Sp. Wereda	6,596	*	*	4,794	-	*
Dawro	-	-	-	-	-	-
Basketo Sp. Wereda	*	*	-	*		
Konta Sp. Wereda	*	*	-	*	-	-
Silte	*	-	-	*	-	-
Alaba Sp. Wereda	1,537	*	*	*	-	-
Harari	*	*	*	-	-	*
Hundene	*	*	*	-	-	*
Addis Ababa	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-
Dire Dawa	25,514	*	*	*	*	*

d. Horses, Donkeys and Mules

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	623,045	152,700	86,537	62,597	58,856	252,813
Tigray	61,108	13,184	13,539	6,635	12,670	25,567
North West Tigray	2,957	*	*	*	*	*
Central Tigray	30,932	*	*	*	10,326	14,571
Eastern Tigray	18,520	6,510	8,999	*	*	8,441
Southern Tigray	8,627	1,474	*	1,402	*	2,154
Western Tigray	*	-	-	*	-	-
Afar	*	-	-	*	-	-
Zone 1	-	-	-	-	-	-
Zone 3	*	-	-	*	-	-
Amhara	120,166	32,727	*	11,606	*	39,263
North Gonder	*	*	-	*	-	*
South Gonder	10,721	*	-	-	-	10,065
North Wolo	-	-	-	-	-	-
South Wolo	25,531	*	*	*	*	*
North Shewa	29,655	*	*	*	*	*
East Gojam	22,319	11,913	*	*	-	*
West Gojam	15,586	*	*	*	-	6,026
Waghamera	1,473	-	-	*	-	*
Awi	6,829	*	*	*	-	3,334
Oromia	-	-	-	-	-	-
Oromia	401,380	97,414	47,687	39,873	36,624	171,367
West Wellega	12,910	*	-	2,075	*	*
East Wellega	32,877	*	*	*	*	*
Illubabor	3,262	*	*	*	*	*
Jimma	*	*	-	*	-	-
West Shewa	57,614	*	*	*	*	29,468
North Shewa	49,423	29,203	*	*	*	*
East Shewa	46,490	26,550	*	*	*	*
Arsi	71,261	14,911	*	*	*	45,769
West Harerghe	8,377	*	*	-	*	*
East Harerghe	*	-	*	*	-	*
Bale	67,782	*	*	*	*	*
Borena	*	*	-	*	-	-
South West Shewa	33,422	*	*	*	6,461	6,913
Guji	*	-	-	-	*	*

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	118	*	-	-	-	*
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	118	*	-	-	-	*
SNNP	39,420	9,322	3,851	4,284	4,275	16,105
Gurage	4,623	*	*	*	*	*
Hadiya	8,439	*	-	*	*	*
Kembata Tembaro	5,104	2,239	*	*	*	*
Sidama	*	*	-	-	-	-
Gedio	*	-	-	*		*
Wolayita	*	*	-	-	-	-
South Omo	*	-	*	*	-	-
Shaka	*	-	-	*	-	*
Kaffa	8,661	*	*	1,797	*	*
Gamo Gofa	*	*	*	-	-	*
Bench Maji	*	-	-	-	*	*
Yem Sp. Wereda	*	-	*	-	-	*
Amaro Sp. Wereda	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-
Konso Sp. Wereda	*	-	-	*	-	-
Derashe Sp. Wereda	*	*	-	-	-	*
Dawro	*	-	-	-	-	*
Basketo Sp. Wereda	*	*	*	-	-	-
Konta Sp. Wereda	137	*	*	*	-	-
Silte	5,363	*	*	*	-	2,285
Alaba Sp. Wereda	890	*	-	-	-	*
Harari	*	*	-	-	-	*
Hundene	*	*	-	-	-	*
Addis Ababa	283	-	*	-	*	240
Zone 3	250	-	-	-	*	207
Zone 6	*	-	*	-	*	*
Dire Dawa	*	-	-	-	-	*

e. Camels

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Ethiopia	35,916	5,332	*	19,829	*	2,096
Tigray	9,347	*	*	*	*	892
North West Tigray	484	*	-	-	*	*
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	*	*	*	-	-	*
Oromia	*	*	*	*	*	*
West Wellega	-	-	-	-	-	-
East Wellega	*	-	*	-	-	*
Illubabor	-	-	-	-	-	-
Jimma	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
Arsi	*	-	-	*	-	-
West Harerghe	*	-	-	-	-	-
East Harerghe	*	-	-	*	*	-
Bale	*	-	*	-	-	-
Borena	-	-	-	-	-	-
South West Shewa	*	*	-	-	*	-
Guji	*	*	-	*	-	-

TABLE 3-23 – e CONT'D

Geographic Area	Total Vaccinated	Vaccinated against:				
		Anthrax	Blackleg	Pleuro-Pneumonia	Hemorrhagic Septicemia	Others
Somale	1,156	*	-	1,017	-	*
Shinele	568	-	-	568	-	-
Jijiga	*	*		-	-	*
Liben	*	*	-	*	-	-
Benshangul-Gumuz	*	*	-	-	-	-
Metekel	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Kemeshi	*	*	-	-	-	-
SNNP	*	*	*	*	-	*
Gurage	-	-	-	-	-	-
Hadiya	*	*	-	-	-	-
Kembata Tembaro	-	-	-	-	-	-
Sidama	-	-	-	-	-	-
Gedio	-	-	-	-	-	-
Wolayita	-	-	-	-	-	-
South Omo	-	-	-	-	-	-
Shaka	-	-	-	-	-	-
Kaffa	*	-	-	*	-	-
Gamo Gofa	-	-	-	-	-	-
Bench Maji	-	-	-	-	-	-
Yem Sp. Wereda	*	-	-	-	-	*
Amaro Sp. Wereda	-	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-	-
Konso Sp. Wereda	-	-	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-	-
Dawro	-	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-	-
Silte	*	-	*	-	-	-
Alaba Sp. Wereda	-	-	-	-	-	-
Harari	*	-	-	-	*	-
Hundene	*	-	-	-	*	-
Addis Ababa	-	-	-	-	-	-
Zone 3	-	-	-	-	-	-
Zone 6	-	-	-	-	-	-
Dire Dawa	346	*	-	*	*	*

f. Poultry

Geographic Area	Total Vaccinated
Ethiopia	180,103
Tigray	25,500
North West Tigray	*
Central Tigray	*
Eastern Tigray	*
Southern Tigray	*
Western Tigray	-
Afar	-
Zone 1	-
Zone 3	-
Amhara	39,304
North Gonder	*
South Gonder	-
North Wolo	*
South Wolo	*
North Shewa	*
East Gojam	*
West Gojam	*
Waghamera	-
Awi	*
Oromia	-
Oromia	82,419
West Wellega	*
East Wellega	*
Illubabor	-
Jimma	*
West Shewa	*
North Shewa	*
East Shewa	*
Arsi	*
West Harerghe	*
East Harerghe	-
Bale	*
Borena	-
South West Shewa	9,948
Guji	-

TABLE 3-23 – f CONT'D

Geographic Area	Total Vaccinated
Somale	-
Shinele	-
Jijiga	-
Liben	-
Benshangul-Gumuz	*
Metekel	*
Asosa	-
Kemeshi	-
SNNP	29,601
Gurage	*
Hadiya	-
Kembata Tembaro	*
Sidama	*
Gedio	-
Wolayita	-
South Omo	-
Shaka	9,981
Kaffa	*
Gamo Gofa	*
Bench Maji	-
Yem Sp. Wereda	1,347
Amaro Sp. Wereda	-
Burji Sp. Wereda	-
Konso Sp. Wereda	-
Derashe Sp. Wereda	*
Dawro	-
Basketo Sp. Wereda	-
Konta Sp. Wereda	-
Silte	*
Alaba Sp. Wereda	-
Harari	-
Hundene	-
Addis Ababa	-
Zone 3	-
Zone 6	-
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	5,949,948	3,582,991	2,978,330	675,949	54,692	13,107,263
Tigray	310,140	105,562	451,605	29,282	6,464	1,391,479
North West Tigray	142,607	20,354	221,720	8,463	*	571,570
Central Tigray	45,796	28,503	122,196	8,103	*	376,485
Eastern Tigray	14,073	30,064	10,556	2,381	-	68,484
Southern Tigray	64,627	21,069	61,266	7,162	*	59,009
Western Tigray	43,037	*	35,867	3,174	*	315,931
Afar	56,863	23,982	72,258	566	15,238	15,012
Zone 1	43,305	13,086	22,879	-	1,649	*
Zone 3	13,557	10,896	49,379	566	13,589	15,000
Amhara	1,160,968	1,239,224	901,112	161,375	*	3,709,457
North Gonder	209,872	144,704	249,589	21,833	-	1,499,409
South Gonder	104,881	133,144	98,600	17,859	-	353,340
North Wolo	86,547	100,936	100,828	12,392	*	202,955
South Wolo	100,161	221,809	119,362	16,384	*	98,813
North Shewa	72,589	175,506	108,921	20,209	-	429,264
East Gojam	127,148	225,824	41,448	25,085	-	135,121
West Gojam	230,228	142,112	37,409	23,019	-	674,203
Waghamera	37,065	8,040	90,572	3,549	-	33,258
Awi	151,466	82,572	34,681	19,989	-	243,289
Oromia	41,011	4,577	19,703	1,056	491	39,808
Oromia	2,787,815	1,512,368	905,107	377,319	20,782	4,872,884
West Wellega	387,216	72,242	19,472	39,367	-	624,739
East Wellega	299,949	67,784	22,779	34,162	-	379,459
Illubabor	260,822	84,767	34,214	15,649	-	383,411
Jimma	327,381	183,499	41,607	27,928	-	589,079
West Shewa	207,162	172,049	37,204	46,900	-	694,823
North Shewa	80,654	216,185	24,196	18,674	*	281,723
East Shewa	121,526	68,937	93,455	19,979	*	354,612
Arsi	240,105	277,532	90,589	65,255	-	459,144
West Harerghe	87,081	23,589	83,989	12,159	*	187,678
East Harerghe	138,613	34,269	88,356	7,242	-	235,353
Bale	256,014	195,285	124,124	41,461	*	211,402
Borena	184,101	58,934	176,530	11,054	*	113,440
South West Shewa	100,493	24,822	29,873	15,527	-	297,744
Guji	96,698	32,475	38,720	21,961	*	60,278

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	38,073	64,391	80,166	2,696	9,174	5,402
Shinele	3,020	7,891	12,907	141	734	1,344
Jijiga	21,668	27,739	28,719	1,351	2,107	*
Liben	13,385	28,760	38,540	1,205	6,333	2,932
Benshangul-Gumuz	162,936	24,071	162,231	12,440	-	777,189
Metekel	95,098	10,250	27,917	4,049	-	208,539
Asosa	51,185	10,168	111,249	5,660	-	503,921
Kemeshi	16,653	3,653	23,066	2,731	-	64,729
SNNP	1,419,629	597,376	376,216	90,797	*	2,301,126
Gurage	84,316	23,413	10,477	7,919	-	127,774
Hadiya	70,634	30,956	14,220	11,700	-	297,685
Kembata Tembaro	39,948	15,568	4,193	3,315	-	62,349
Sidama	202,463	52,556	23,798	15,235	-	221,846
Gedio	14,503	29,069	*	3,881	-	84,741
Wolayita	223,915	19,414	19,402	7,668	-	134,941
South Omo	106,503	78,709	126,887	2,608	-	114,946
Shaka	20,919	11,543	1,711	1,697	-	95,806
Kaffa	99,678	94,445	15,673	11,945	-	345,358
Gamo Gofa	197,372	104,641	38,847	5,367	-	157,094
Bench Maji	86,171	37,466	6,637	4,459	-	281,168
Yem Sp. Wereda	7,850	2,176	2,147	281	-	8,562
Amaro Sp. Wereda	25,552	6,989	11,403	393	-	18,001
Burji Sp. Wereda	15,300	356	7,087	712	-	15,075
Konso Sp. Wereda	40,124	23,757	52,223	798	-	43,594
Derashe Sp. Wereda	17,383	2,076	11,779	1,393	-	23,482
Dawro	76,675	22,631	6,066	3,686	-	48,087
Basketo Sp. Wereda	4,492	2,365	937	277	*	12,002
Konta Sp. Wereda	27,107	4,026	2,910	467	-	19,277
Silte	42,240	29,594	11,979	5,633	-	131,233
Alaba Sp. Wereda	16,484	5,626	6,011	1,362	-	58,101
Harari	6,618	413	3,577	514	*	6,384
Hundene	6,618	413	3,577	514	*	6,384
Addis Ababa	1,625	1,450	414	441	-	14,730
Zone 3	1,152	1,290	306	271	-	11,150
Zone 6	473	*	*	170	-	3,580
Dire Dawa	5,279	14,156	25,643	519	787	13,600

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

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Ethiopia	2,569,527	733,841	597,324	226,634	14,503	403,606
Tigray	149,935	42,230	200,090	9,861	4,511	50,940
North West Tigray	80,542	*	93,825	2,766	*	19,137
Central Tigray	24,314	5,724	56,560	2,079	*	9,690
Eastern Tigray	8,236	*	3,526	520	-	*
Southern Tigray	28,486	10,871	34,203	3,518	*	3,365
Western Tigray	8,357	*	11,976	978	*	*
Afar	9,063	3,142	9,705	*	*	*
Zone 1	7,417	*	3,571	-	*	-
Zone 3	1,645	*	6,134	*	*	*
Amhara	457,312	269,687	148,977	39,194	*	68,507
North Gonder	66,859	38,680	36,169	3,159	-	14,278
South Gonder	41,900	27,321	11,523	1,814	-	*
North Wolo	6,964	19,248	4,426	*	*	-
South Wolo	*	48,275	*	3,027	*	*
North Shewa	14,715	11,072	*	*	-	*
East Gojam	60,366	46,589	*	6,290	-	*
West Gojam	108,955	38,112	*	9,494	-	14,751
Waghamera	9,157	*	15,906	884	-	*
Awi	85,787	37,075	5,632	9,912	-	*
Oromia	19,910	*	4,796	-	*	*
Oromia	1,258,881	351,166	156,803	142,318	2,468	200,413
West Wellega	315,858	47,564	7,996	30,897	-	40,354
East Wellega	219,202	18,663	4,263	21,885	-	35,071
Illubabor	135,518	7,085	2,803	7,742	-	-
Jimma	95,430	*	*	2,832	-	*
West Shewa	43,247	18,939	*	9,318	-	12,728
North Shewa	17,432	45,101	*	*	*	15,698
East Shewa	49,860	*	31,674	4,729	-	*
Arsi	106,695	127,221	5,533	33,007	-	31,555
West Harerghe	24,947	*	*	2,123	*	*
East Harerghe	47,784	*	9,934	*	-	*
Bale	69,574	35,372	15,047	12,854	-	*
Borena	62,797	9,060	55,605	2,838	*	18,808
South West Shewa	48,900	*	*	5,699	-	17,892
Guji	21,637	*	*	3,168	*	*

TABLE 3-25 CONT'D

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Somale	3,260	8,411	9,014	*	1,740	252
Shinele	642	799	1,033	*	53	186
Jijiga	*	*	*	-	*	-
Liben	1,911	7,289	7,534	*	*	*
Benshangul-Gumuz	116,648	6,194	18,073	5,664	-	9,278
Metekel	60,583	2,955	*	2,678	-	5,125
Asosa	44,686	2,943	13,017	2,045	-	*
Kemeshi	11,378	296	1,385	941	-	*
SNNP	570,647	50,395	51,474	29,009	*	71,754
Gurage	39,158	1,847	*	*	-	*
Hadiya	15,833	1,991	*	3,143	-	*
Kembata Tembaro	13,015	1,092	*	861	-	*
Sidama	80,978	12,260	*	*	-	*
Gedio	3,283	3,828	*	1,579	-	*
Wolayita	159,385	7,933	*	4,589	-	*
South Omo	16,758	*	*	*	-	*
Shaka	10,769	1,243	-	642	-	*
Kaffa	20,272	*	*	3,088	-	*
Gamo Gofa	64,074	3,450	*	*	-	*
Bench Maji	33,421	4,568	*	2,396	-	*
Yem Sp. Wereda	4,802	375	*	*	-	1,380
Amaro Sp. Wereda	8,814	957	1,608	*	-	-
Burji Sp. Wereda	9,989	*	1,579	317	-	*
Konso Sp. Wereda	17,273	4,160	11,408	*	-	*
Derashe Sp. Wereda	7,400	*	2,491	473	-	*
Dawro	36,024	*	*	2,192	-	*
Basketo Sp. Wereda	2,054	258	*	*	*	-
Konta Sp. Wereda	13,257	162	*	379	-	*
Silte	11,382	1,270	*	1,672	-	*
Alaba Sp. Wereda	2,702	*	*	*	-	*
Harari	2,328	*	624	213	*	*
Hundene	2,328	*	624	213	*	*
Addis Ababa	140	118	-	*	-	1,345
Zone 3	92	111	-	*	-	1,022
Zone 6	*	*	-	-	-	*
Dire Dawa	1,315	2,359	2,564	*	215	*

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	2,658,947	2,814,575	2,328,333	134,048	200,792	18,335	18,545	14,801,377
Tigray	151,580	121,019	377,756	*	16,487	*	1,230	1,739,735
North West Tigray	54,249	13,536	159,470	-	2,457	*	*	655,559
Central Tigray	15,803	21,414	97,252	-	4,851	-	-	408,563
Eastern Tigray	10,715	49,730	25,167	*	2,362	*	-	174,158
Southern Tigray	38,987	29,508	56,942	*	4,880	*	*	95,424
Western Tigray	31,826	*	38,925	*	1,938	*	*	406,030
Afar	46,920	18,673	42,668	*	266	191	5,444	18,029
Zone 1	37,914	14,265	20,605	-	*	*	1,316	*
Zone 3	9,005	4,408	22,063	*	198	177	4,128	18,000
Amhara	413,127	903,682	685,816	25,561	59,217	3,183	*	3,616,409
North Gonder	81,741	100,967	181,865	3,011	8,866	*	-	1,357,166
South Gonder	38,267	89,451	92,078	*	8,638	*	-	402,688
North Wolo	36,586	61,479	49,305	2,814	4,815	-	*	177,116
South Wolo	43,667	170,014	79,290	*	5,812	*	-	127,715
North Shewa	31,978	150,075	112,908	*	7,908	*	-	430,377
East Gojam	39,426	175,349	44,628	5,888	9,654	*	-	158,207
West Gojam	58,506	94,674	27,116	*	7,479	*	-	647,887
Waghamera	19,959	7,229	56,283	-	2,191	-	-	32,060
Awi	39,790	52,339	25,192	5,256	3,436	-	-	235,960
Oromia	23,208	2,105	17,150	-	*	-	*	47,233
Oromia	1,304,189	1,242,539	780,890	81,720	100,764	10,575	7,883	6,294,945
West Wellega	114,520	49,427	19,894	*	7,705	*	-	953,225
East Wellega	123,030	65,091	21,015	*	15,840	*	-	609,974
Illubabor	101,690	68,134	31,829	5,079	*	*	-	353,993
Jimma	167,967	149,134	34,762	9,573	5,638	1,875	-	667,286
West Shewa	113,979	147,879	37,558	15,858	10,175	*	*	797,094
North Shewa	47,705	176,475	28,520	4,281	7,114	*	-	374,147
East Shewa	60,306	58,812	86,125	4,163	8,956	*	*	446,729
Arsi	98,831	203,630	91,414	10,487	12,541	*	-	648,792
West Harerghe	42,091	18,924	71,145	*	6,506	-	*	293,379
East Harerghe	62,971	30,766	65,937	*	4,689	*	-	284,645
Bale	158,886	181,313	114,899	15,291	7,215	*	*	257,314
Borena	88,964	41,052	116,837	*	2,234	*	*	99,015
South West Shewa	41,119	21,697	22,886	2,246	7,937	623	-	375,227
Guji	82,129	30,204	38,071	8,227	3,044	*	*	134,126

TABLE 3-26 – a CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	33,238	34,813	38,650	*	607	-	1,936	6,172
Shinele	1,629	6,678	9,743	-	33	-	147	1,281
Jijiga	24,590	18,779	16,278	*	*	-	*	*
Liben	7,019	9,356	12,630	*	*	-	*	3,279
Benshangul-Gumuz	37,454	16,061	128,094	*	5,442	*	-	751,582
Metekel	20,518	6,597	23,833	*	1,386	*	-	211,331
Asosa	12,647	7,340	83,978	*	2,837	*	-	472,504
Kemeshi	4,290	2,124	20,284	-	1,219	-	-	67,746
SNNP	664,782	465,483	251,506	24,597	16,761	3,347	*	2,337,851
Gurage	38,479	18,025	6,215	1,507	1,264	*	-	133,765
Hadiya	40,872	26,100	9,177	2,919	2,335	*	-	292,444
Kembata Tembaro	19,969	8,004	3,416	*	559	-	-	60,319
Sidama	91,680	39,424	18,801	3,453	3,881	-	-	200,846
Gedio	6,976	17,573	*	1,438	*	*	-	116,444
Wolayita	79,839	10,930	*	*	1,314	-	-	145,818
South Omo	67,550	57,865	87,653	*	*	*	-	151,367
Shaka	10,504	10,242	1,528	*	*	-	-	95,023
Kaffa	68,415	96,374	13,504	5,570	*	764	*	327,744
Gamo Gofa	77,303	76,854	22,243	*	1,370	*	-	163,980
Bench Maji	46,069	28,109	5,922	*	-	-	-	268,716
Yem Sp. Wereda	2,640	2,414	1,912	*	*	-	-	8,785
Amaro Sp. Wereda	5,309	2,913	6,260	*	*	-	-	15,712
Burji Sp. Wereda	3,110	221	4,390	-	124	-	-	14,637
Konso Sp. Wereda	14,646	13,477	27,870	-	538	-	-	44,377
Derashe Sp. Wereda	4,646	1,176	5,612	-	200	-	-	23,111
Dawro	36,011	18,215	4,812	540	*	*	-	37,158
Basketo Sp. Wereda	1,435	1,954	705	*	-	*	-	10,262
Konta Sp. Wereda	14,420	4,256	2,368	*	-	*	-	21,213
Silte	22,863	26,835	10,580	*	1,989	931	-	154,615
Alaba Sp. Wereda	12,047	4,521	5,327	*	699	-	-	51,516
Harari	2,301	355	2,254	*	222	-	-	6,297
Hundene	2,301	355	2,254	*	222	-	-	6,297
Addis Ababa	1,035	1,082	396	*	345	*	-	15,628
Zone 3	728	782	306	*	246	*	-	10,625
Zone 6	306	299	89	-	98	-	-	5,003
Dire Dawa	4,321	10,869	20,304	*	*	-	458	14,729

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	540,415	454,754	640,165	33,342	55,954	7,060	*	11,286,227
Tigray	65,960	35,262	107,206	-	8,529	*	*	785,065
North West Tigray	23,468	3,895	41,948	-	1,796	-	-	247,429
Central Tigray	4,941	5,014	21,522	-	*	-	-	183,571
Eastern Tigray	6,501	15,430	7,050	-	1,268	-	-	106,126
Southern Tigray	17,391	9,570	22,374	-	3,758	*	*	158,394
Western Tigray	13,660	*	14,311	-	*	-	-	89,545
Afar	6,808	2,817	7,352	-	*	*	1,002	8,431
Zone 1	5,156	1,592	3,040	-	-	-	*	-
Zone 3	1,653	1,225	4,312	-	*	*	*	8,431
Amhara	171,177	143,402	230,070	9,270	18,385	*	*	3,228,325
North Gonder	32,709	13,319	53,383	*	2,859	*	-	597,334
South Gonder	19,126	16,176	21,279	*	*	*	-	552,122
North Wolo	22,491	9,971	27,007	*	*	-	-	228,642
South Wolo	21,377	35,303	33,752	*	4,017	-	-	336,151
North Shewa	16,189	28,772	32,824	1,375	4,079	-	-	337,041
East Gojam	11,110	21,981	8,843	*	1,437	*	-	142,874
West Gojam	18,464	8,881	11,296	*	2,638	-	-	593,798
Waghamera	11,315	5,312	29,829	-	348	*	*	123,394
Awi	8,644	3,077	6,115	*	*	-	-	204,008
Oromia	*	*	5,742	-	*	-	-	112,962
Oromia	204,578	180,315	207,344	14,403	23,669	1,218	*	4,271,140
West Wellega	8,111	11,075	3,919	*	*	-	-	589,393
East Wellega	16,210	10,814	3,619	*	*	-	*	235,954
Illubabor	8,166	9,515	1,525	*	*	-	-	424,060
Jimma	16,254	29,463	3,164	*	*	-	-	497,577
West Shewa	25,723	13,704	9,838	1,157	2,396	-	-	194,265
North Shewa	11,121	8,072	10,104	899	1,516	*	-	90,569
East Shewa	14,266	10,934	20,036	*	2,174	*	*	213,313
Arsi	19,716	27,562	26,523	*	*	*	-	531,055
West Harerghe	16,363	7,392	35,775	*	1,419	-	*	450,428
East Harerghe	9,606	7,287	26,180	-	*	-	-	440,979
Bale	27,800	32,487	33,248	5,855	4,468	-	-	247,482
Borena	11,130	*	25,235	-	*	*	*	138,178
South West Shewa	5,128	2,536	5,481	*	1,253	-	-	88,601
Guji	*	1,382	*	-	*	-	*	129,288

TABLE 3-26 – b CONT'D

Geographic Area	Cattle	Sheep	Goats	Horses	Donkeys	Mules	Camels	Poultry
Somale	*	8,705	10,790	-	560	*	589	13,046
Shinele	445	2,042	3,491	-	65	-	46	1,473
Jijiga	*	*	*	-	*	-	-	*
Liben	2,479	1,949	3,386	-	*	*	543	6,149
Benshangul-Gumuz	5,405	3,680	15,592	-	648	*	-	262,446
Metekel	3,844	2,346	5,907	-	*	-	-	141,569
Asosa	621	443	4,500	-	343	-	-	77,909
Kemeshi	941	891	5,185	-	*	*	-	42,968
SNNP	74,089	76,312	52,787	*	3,353	*	-	2,682,558
Gurage	8,418	4,709	6,350	*	*	*	-	133,793
Hadiya	7,380	6,502	4,941	*	*	-	-	258,186
Kembata Tembaro	2,820	1,648	*	*	-	*	-	136,079
Sidama	8,135	*	2,627	*	*	-	-	289,243
Gedio	*	1,846	*	-	-	-	-	82,183
Wolayita	4,249	*	*	*	-	-	-	117,383
South Omo	4,624	7,302	12,409	*	-	-	-	129,828
Shaka	1,202	4,591	*	-	-	-	-	88,123
Kaffa	5,338	14,709	2,329	*	*	*	-	473,943
Gamo Gofa	9,656	5,998	3,241	*	-	-	-	239,544
Bench Maji	3,562	6,242	*	*	-	-	-	314,822
Yem Sp. Wereda	361	203	536	-	*	-	-	8,585
Amaro Sp. Wereda	1,598	*	867	-	-	-	-	27,737
Burji Sp. Wereda	482	*	1,013	-	*	-	-	7,235
Konso Sp. Wereda	606	1,806	1,992	-	-	-	-	41,370
Derashe Sp. Wereda	340	*	851	-	-	-	-	22,551
Dawro	4,709	3,728	1,284	*	-	-	-	54,158
Basketo Sp. Wereda	588	249	*	-	-	-	-	23,052
Konta Sp. Wereda	675	2,493	378	-	*	-	-	30,036
Silte	8,097	8,154	4,825	-	524	*	-	173,734
Alaba Sp. Wereda	1,094	983	*	-	*	-	-	30,972
Harari	428	193	1,088	-	*	-	*	14,391
Hundene	428	193	1,088	-	*	-	*	14,391
Addis Ababa	235	122	96	-	98	-	-	4,089
Zone 3	146	114	64	-	*	-	-	3,139
Zone 6	89	*	*	-	*	-	-	950
Dire Dawa	1,558	3,944	7,840	*	432	*	234	16,735

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

Geographic Area	Holdings with no cattle	1-2 Head	3-4 Head	5-9 Head	10-19 Head	20-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	2,065,817	3,016,084	3,007,056	2,486,705	571,268	80,227	5,067	570	-
Tigray	110,319	173,943	196,675	164,567	38,347	5,492	213	-	-
North West Tigray	11,770	23,006	29,205	43,705	16,906	2,273	-	-	-
Central Tigray	37,169	55,586	64,185	40,946	3,451	-	-	-	-
Eastern Tigray	25,180	34,111	37,862	17,219	555	-	-	-	-
Southern Tigray	30,993	52,816	55,944	41,651	6,238	520	-	-	-
Western Tigray	5,208	8,423	9,479	21,046	11,197	2,699	213	-	-
Afar	6,372	3,140	2,414	4,921	6,765	4,402	819	124	-
Zone 1	2,504	1,055	1,079	2,192	2,655	1,871	199	31	-
Zone 3	3,869	2,085	1,335	2,729	4,109	2,531	620	93	-
Amhara	519,822	928,271	921,924	671,004	93,998	5,487	300	-	-
North Gonder	83,354	105,271	111,234	111,856	31,484	1,751	300	-	-
South Gonder	67,139	121,307	127,389	85,256	4,821	302	-	-	-
North Wolo	48,932	97,970	101,302	48,089	1,493	-	-	-	-
South Wolo	75,178	144,186	186,174	86,683	2,285	-	-	-	-
North Shewa	61,899	115,398	105,749	81,445	7,243	-	-	-	-
East Gojam	77,043	149,993	94,381	79,360	10,879	865	-	-	-
West Gojam	50,706	114,901	116,337	93,486	15,335	805	-	-	-
Waghamera	15,309	21,527	20,223	17,440	3,025	-	-	-	-
Awi	27,361	40,229	39,446	48,343	14,060	1,107	-	-	-
Oromia	12,904	17,487	19,688	19,047	3,373	656	-	-	-
Oromia	843,568	1,073,594	1,069,946	1,111,576	350,498	48,982	1,655	357	-
West Wellega	110,955	79,296	63,061	70,815	19,693	2,646	-	-	-
East Wellega	49,149	49,412	49,956	85,489	40,154	3,788	-	-	-
Illubabor	43,629	49,562	46,328	50,158	14,911	740	-	-	-
Jimma	64,829	117,755	143,981	135,009	26,837	903	-	-	-
West Shewa	64,820	77,423	82,854	110,115	36,088	5,892	-	-	-
North Shewa	37,028	54,957	55,522	82,350	25,556	1,752	-	-	-
East Shewa	94,599	91,208	70,709	86,670	26,161	4,032	401	-	-
Arsi	88,871	113,577	142,422	162,736	45,715	6,507	-	-	-
West Harerghe	54,005	107,363	91,616	46,679	6,157	273	-	-	-
East Harerghe	84,353	169,318	131,845	34,029	1,679	-	-	-	-
Bale	45,115	53,690	80,827	112,021	44,388	3,642	-	-	-
Borena	26,513	28,864	24,304	34,483	26,566	12,637	1,254	357	-
South West Shewa	35,718	44,913	49,187	53,060	12,490	287	-	-	-
Guji	43,984	36,257	37,336	47,963	24,102	5,882	-	-	-

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	22,033	18,712	23,619	28,475	11,602	2,727	151	-	-
Shinele	2,806	1,245	749	518	220	70	-	-	-
Jijiga	10,100	14,206	18,724	22,698	8,455	1,116	92	-	-
Liben	9,125	3,260	4,146	5,260	2,928	1,541	60	-	-
Benshangul-Gumuz	78,891	18,402	13,282	17,070	8,679	1,999	48	-	-
Metekel	16,130	7,554	7,216	11,469	6,892	1,485	48	-	-
Asosa	48,627	8,138	4,522	3,672	683	351	-	-	-
Kemeshi	14,134	2,711	1,544	1,928	1,104	164	-	-	-
SNNP	475,181	783,898	769,765	484,334	60,430	11,034	1,881	89	-
Gurage	25,640	64,156	92,684	68,659	2,908	246	-	-	-
Hadiya	26,570	66,942	71,062	39,003	1,770	1,023	-	-	-
Kembata Tembaro	14,681	47,826	42,447	11,887	113	-	-	-	-
Sidama	96,466	184,858	130,527	74,767	19,852	1,512	-	-	-
Gedio	93,181	41,095	11,130	4,315	635	-	-	-	-
Wolayita	33,831	97,423	109,910	42,529	2,383	-	-	-	-
South Omo	26,360	22,043	13,171	13,814	5,330	4,801	1,191	89	-
Shaka	10,216	10,050	6,931	4,563	1,016	166	-	-	-
Kaffa	20,919	38,038	52,530	47,613	5,624	859	-	-	-
Gamo Gofa	47,358	79,141	85,427	54,965	7,349	1,327	649	-	-
Bench Maji	17,579	32,622	35,117	27,822	1,643	-	-	-	-
Yem Sp. Wereda	2,141	3,596	4,766	4,273	284	-	-	-	-
Amaro Sp. Wereda	3,626	5,796	6,715	7,360	1,204	106	-	-	-
Burji Sp. Wereda	1,994	1,876	1,655	2,089	574	128	-	-	-
Konso Sp. Wereda	10,874	10,821	8,328	4,588	1,105	108	-	-	-
Derashe Sp. Wereda	9,089	5,576	4,088	4,211	1,375	225	40	-	-
Dawro	8,401	19,289	24,112	24,111	2,470	235	-	-	-
Basketo Sp. Wereda	2,667	3,634	3,097	1,470	49	-	-	-	-
Konta Sp. Wereda	2,072	4,921	5,446	4,492	250	-	-	-	-
Silte	17,607	35,418	48,631	33,672	3,482	142	-	-	-
Alaba Sp. Wereda	3,908	8,777	11,991	8,132	1,015	156	-	-	-
Harari	3,236	6,715	4,145	1,299	327	24	-	-	-
Hundene	3,236	6,715	4,145	1,299	327	24	-	-	-
Addis Ababa	2,211	1,188	1,293	1,610	596	53	-	-	-
Zone 3	1,413	693	896	1,091	414	45	-	-	-
Zone 6	797	495	397	519	182	9	-	-	-
Dire Dawa	4,185	8,220	3,993	1,849	26	26	-	-	-

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	6,962,573	2,713,199	1,078,933	474,587	2,713	789	-	-
Tigray	557,447	56,394	52,444	23,271	-	-	-	-
North West Tigray	115,486	3,763	5,261	2,355	-	-	-	-
Central Tigray	172,386	10,397	11,543	7,011	-	-	-	-
Eastern Tigray	59,126	24,288	21,618	9,895	-	-	-	-
Southern Tigray	156,411	16,000	12,468	3,283	-	-	-	-
Western Tigray	54,038	1,947	1,553	727	-	-	-	-
Afar	16,272	3,811	2,459	6,135	197	83	-	-
Zone 1	6,315	2,061	1,470	1,654	72	14	-	-
Zone 3	9,956	1,750	989	4,482	125	69	-	-
Amhara	1,901,502	614,889	399,394	223,720	1,301	-	-	-
North Gonder	336,699	60,657	31,468	15,636	790	-	-	-
South Gonder	255,525	80,145	53,387	17,157	-	-	-	-
North Wolo	204,244	40,861	29,538	23,143	-	-	-	-
South Wolo	251,881	77,883	83,505	81,237	-	-	-	-
North Shewa	204,706	69,304	49,318	47,895	511	-	-	-
East Gojam	200,849	103,211	80,223	28,238	-	-	-	-
West Gojam	225,274	120,909	40,474	4,913	-	-	-	-
Waghamera	66,432	6,459	2,937	1,696	-	-	-	-
Awi	91,567	48,851	26,683	3,445	-	-	-	-
Oromia	64,325	6,609	1,860	361	-	-	-	-
Oromia	2,751,040	1,139,721	445,805	162,956	260	394	-	-
West Wellega	235,110	80,225	27,194	3,937	-	-	-	-
East Wellega	177,205	67,497	27,761	5,485	-	-	-	-
Illubabor	105,226	73,711	24,297	2,094	-	-	-	-
Jimma	234,941	199,191	50,871	4,311	-	-	-	-
West Shewa	198,422	94,211	55,032	29,527	-	-	-	-
North Shewa	123,976	48,823	44,759	39,436	-	171	-	-
East Shewa	297,125	48,763	21,575	5,860	234	223	-	-
Arsi	259,361	164,344	94,235	41,888	-	-	-	-
West Harerghe	236,522	62,894	6,677	-	-	-	-	-
East Harerghe	306,794	97,797	15,265	1,368	-	-	-	-
Bale	213,146	67,274	39,594	19,669	-	-	-	-
Borena	107,977	34,730	7,958	4,287	26	-	-	-
South West Shewa	142,938	39,653	10,892	2,172	-	-	-	-
Guji	112,297	60,608	19,696	2,923	-	-	-	-

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	55,706	14,181	14,706	21,861	675	190	-	-
Shinele	2,501	1,289	651	1,119	48	-	-	-
Jijiga	40,555	8,489	10,114	15,641	419	173	-	-
Liben	12,648	4,403	3,942	5,101	208	18	-	-
Benshangul-Gumuz	118,775	15,101	3,866	629	-	-	-	-
Metekel	38,810	9,111	2,382	491	-	-	-	-
Asosa	62,083	3,167	743	-	-	-	-	-
Kemeshi	17,882	2,824	742	137	-	-	-	-
SNNP	1,535,415	859,432	157,102	34,286	255	122	-	-
Gurage	155,054	81,479	17,361	399	-	-	-	-
Hadiya	111,929	86,418	7,618	405	-	-	-	-
Kembata Tembaro	65,289	49,176	2,489	-	-	-	-	-
Sidama	367,986	120,602	15,959	3,435	-	-	-	-
Gedio	93,513	48,222	8,005	616	-	-	-	-
Wolayita	188,984	95,100	1,992	-	-	-	-	-
South Omo	40,365	23,738	11,729	10,770	75	122	-	-
Shaka	17,690	12,258	2,548	446	-	-	-	-
Kaffa	60,006	78,069	25,307	2,201	-	-	-	-
Gamo Gofa	173,128	67,209	23,508	12,191	180	-	-	-
Bench Maji	55,231	50,152	8,735	665	-	-	-	-
Yem Sp. Wereda	7,178	6,171	1,658	53	-	-	-	-
Amaro Sp. Wereda	13,946	6,880	3,028	953	-	-	-	-
Burji Sp. Wereda	7,381	702	200	33	-	-	-	-
Konso Sp. Wereda	12,442	17,640	5,232	510	-	-	-	-
Derashe Sp. Wereda	20,530	3,343	619	112	-	-	-	-
Dawro	42,544	31,334	4,740	-	-	-	-	-
Basketo Sp. Wereda	5,931	4,501	485	-	-	-	-	-
Konta Sp. Wereda	10,361	6,079	688	53	-	-	-	-
Silte	65,011	58,718	13,880	1,343	-	-	-	-
Alaba Sp. Wereda	20,915	11,642	1,320	102	-	-	-	-
Harari	13,439	2,199	108	-	-	-	-	-
Hundene	13,439	2,199	108	-	-	-	-	-
Addis Ababa	5,109	915	589	338	-	-	-	-
Zone 3	3,369	522	403	258	-	-	-	-
Zone 6	1,740	393	186	80	-	-	-	-
Dire Dawa	7,866	6,556	2,460	1,391	26	-	-	-

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	8,098,483	1,916,792	834,776	374,296	7,413	1,034	-	-
Tigray	415,361	82,698	103,247	86,865	1,038	347	-	-
North West Tigray	54,630	16,478	24,619	30,308	661	169	-	-
Central Tigray	98,017	29,515	42,372	31,074	181	178	-	-
Eastern Tigray	91,419	8,155	9,402	5,951	-	-	-	-
Southern Tigray	141,238	19,623	17,398	9,903	-	-	-	-
Western Tigray	30,058	8,927	9,455	9,629	196	-	-	-
Afar	8,068	3,590	3,170	12,831	1,210	88	-	-
Zone 1	3,423	1,850	1,703	4,423	169	18	-	-
Zone 3	4,646	1,740	1,467	8,408	1,040	70	-	-
Amhara	2,189,118	546,287	290,753	114,048	600	-	-	-
North Gonder	270,658	83,182	57,253	33,823	334	-	-	-
South Gonder	284,921	79,003	33,441	8,849	-	-	-	-
North Wolo	176,294	65,031	42,829	13,632	-	-	-	-
South Wolo	326,309	105,266	44,138	18,793	-	-	-	-
North Shewa	230,047	83,159	44,838	13,690	-	-	-	-
East Gojam	355,405	36,088	17,895	3,133	-	-	-	-
West Gojam	322,654	48,445	17,281	3,190	-	-	-	-
Waghamera	34,673	15,682	14,310	12,653	206	-	-	-
Awi	142,910	15,564	9,082	2,990	-	-	-	-
Oromia	45,248	14,867	9,685	3,296	59	-	-	-
Oromia	3,260,018	822,376	320,313	96,674	795	-	-	-
West Wellega	315,686	23,381	5,928	1,471	-	-	-	-
East Wellega	236,688	27,027	10,815	3,418	-	-	-	-
Illubabor	175,112	22,386	7,442	388	-	-	-	-
Jimma	406,469	67,416	13,488	1,941	-	-	-	-
West Shewa	328,739	28,579	14,835	5,039	-	-	-	-
North Shewa	214,966	27,061	12,844	2,294	-	-	-	-
East Shewa	265,340	61,580	32,621	14,005	234	-	-	-
Arsi	450,360	73,696	28,997	6,775	-	-	-	-
West Harerghe	121,621	124,389	50,763	9,320	-	-	-	-
East Harerghe	161,877	199,733	53,372	6,242	-	-	-	-
Bale	216,770	67,611	40,081	15,221	-	-	-	-
Borena	71,178	38,995	24,006	20,238	561	-	-	-
South West Shewa	152,103	28,409	12,444	2,699	-	-	-	-
Guji	143,109	32,114	12,678	7,623	-	-	-	-

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	43,313	20,256	17,688	24,631	1,299	132	-	-
Shinele	1,446	1,149	821	1,847	290	55	-	-
Jijiga	33,397	15,064	11,694	15,028	208	-	-	-
Liben	8,468	4,043	5,173	7,756	802	78	-	-
Benshangul-Gumuz	81,802	30,113	18,712	7,653	91	-	-	-
Metekel	32,720	9,029	6,213	2,741	91	-	-	-
Asosa	36,335	16,315	9,605	3,738	-	-	-	-
Kemeshi	12,747	4,769	2,895	1,174	-	-	-	-
SNNP	2,085,511	397,310	74,048	27,036	2,240	467	-	-
Gurage	211,161	37,524	4,916	692	-	-	-	-
Hadiya	166,087	35,047	4,841	395	-	-	-	-
Kembata Tembaro	96,820	19,107	1,027	-	-	-	-	-
Sidama	441,139	57,602	7,037	2,204	-	-	-	-
Gedio	146,994	2,838	524	-	-	-	-	-
Wolayita	238,944	41,099	5,391	642	-	-	-	-
South Omo	58,355	8,784	5,288	12,034	1,926	412	-	-
Shaka	29,534	2,983	425	-	-	-	-	-
Kaffa	125,689	34,888	4,906	100	-	-	-	-
Gamo Gofa	215,895	46,336	11,679	2,126	180	-	-	-
Bench Maji	99,179	13,697	1,494	413	-	-	-	-
Yem Sp. Wereda	9,199	4,503	1,313	45	-	-	-	-
Amaro Sp. Wereda	15,467	5,468	3,270	602	-	-	-	-
Burji Sp. Wereda	4,075	2,113	1,440	688	-	-	-	-
Konso Sp. Wereda	13,085	13,183	5,886	3,561	54	55	-	-
Derashe Sp. Wereda	12,137	7,203	3,638	1,546	80	-	-	-
Dawro	61,321	15,310	1,904	83	-	-	-	-
Basketo Sp. Wereda	9,451	1,204	242	20	-	-	-	-
Konta Sp. Wereda	13,624	3,284	273	-	-	-	-	-
Silte	98,182	33,424	6,044	1,302	-	-	-	-
Alaba Sp. Wereda	19,171	11,713	2,510	585	-	-	-	-
Harari	6,224	7,502	1,745	275	-	-	-	-
Hundene	6,224	7,502	1,745	275	-	-	-	-
Addis Ababa	6,162	426	253	110	-	-	-	-
Zone 3	4,029	264	173	86	-	-	-	-
Zone 6	2,134	161	80	24	-	-	-	-
Dire Dawa	2,907	6,234	4,847	4,171	140	-	-	-

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	10,234,593	877,714	105,474	14,721	292	8,189,137	2,845,397	180,900	17,291	69
Tigray	688,216	1,340	-	-	-	411,079	259,885	17,547	1,045	-
North West Tigray	126,785	80	-	-	-	78,987	43,963	3,491	424	-
Central Tigray	201,337	-	-	-	-	129,515	66,912	4,713	197	-
Eastern Tigray	114,748	179	-	-	-	64,581	47,338	2,887	121	-
Southern Tigray	187,454	708	-	-	-	106,709	76,204	4,947	302	-
Western Tigray	57,892	373	-	-	-	31,288	25,468	1,509	-	-
Afar	28,957	-	-	-	-	22,758	4,569	1,413	174	43
Zone 1	11,586	-	-	-	-	10,562	652	342	13	17
Zone 3	17,371	-	-	-	-	12,198	3,916	1,071	161	25
Amhara	2,933,282	193,482	13,861	181	-	2,046,238	1,039,345	53,586	1,637	-
North Gonder	418,034	25,554	1,662	-	-	293,470	144,585	7,195	-	-
South Gonder	386,894	19,320	-	-	-	284,577	115,308	6,027	302	-
North Wolo	286,290	10,825	671	-	-	191,249	102,679	3,858	-	-
South Wolo	463,695	29,191	1,620	-	-	300,191	184,226	9,436	653	-
North Shewa	340,635	29,179	1,920	-	-	175,550	185,004	11,180	-	-
East Gojam	369,502	38,794	4,225	-	-	283,050	123,368	5,836	267	-
West Gojam	380,805	10,231	534	-	-	278,975	108,905	3,690	-	-
Waghamera	77,335	189	-	-	-	48,085	26,314	2,850	275	-
Awi	137,027	30,110	3,228	181	-	137,520	30,642	2,244	140	-
Oromia	73,066	89	-	-	-	53,574	18,313	1,268	-	-
Oromia	3,939,004	468,293	79,285	13,378	216	3,182,367	1,211,348	93,400	13,061	-
West Wellega	341,426	5,040	-	-	-	263,595	79,521	3,350	-	-
East Wellega	254,823	16,872	4,273	1,980	-	204,188	68,526	4,623	611	-
Illubabor	184,194	19,370	1,332	216	216	194,831	10,094	403	-	-
Jimma	430,087	53,557	5,375	295	-	441,213	47,793	308	-	-
West Shewa	278,954	80,507	14,962	2,769	-	296,419	71,772	8,035	966	-
North Shewa	198,728	51,015	7,251	171	-	146,756	101,274	7,710	1,425	-
East Shewa	364,792	8,533	455	-	-	201,661	144,066	23,499	4,554	-
Arsi	425,387	112,817	19,749	1,875	-	351,372	189,757	17,243	1,456	-
West Harerghe	304,340	1,753	-	-	-	185,556	117,866	2,671	-	-
East Harerghe	420,944	280	-	-	-	283,725	134,917	2,582	-	-
Bale	265,870	53,367	16,628	3,818	-	214,054	112,621	11,040	1,968	-
Borena	153,164	1,814	-	-	-	115,263	33,977	4,501	1,237	-
South West Shewa	178,449	16,805	401	-	-	116,369	72,886	5,555	845	-
Guji	137,850	46,563	8,858	2,253	-	167,366	26,278	1,880	-	-

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	107,249	70	-	-	-	49,873	51,443	5,571	414	18
Shinele	5,608	-	-	-	-	3,850	1,471	274	13	-
Jijiga	75,321	70	-	-	-	35,091	35,877	4,110	313	-
Liben	26,320	-	-	-	-	10,933	14,095	1,186	88	18
Benshangul-Gumuz	137,786	511	74	-	-	108,757	27,208	2,226	180	-
Metekel	50,209	511	74	-	-	36,745	13,118	866	65	-
Asosa	65,993	-	-	-	-	54,248	10,509	1,142	94	-
Kemeshi	21,585	-	-	-	-	17,765	3,581	217	22	-
SNNP	2,359,500	213,629	12,244	1,163	76	2,344,541	234,948	6,411	712	-
Gurage	210,469	43,197	627	-	-	220,019	33,344	930	-	-
Hadiya	190,623	15,548	199	-	-	170,524	35,043	598	205	-
Kembata Tembaro	109,940	6,906	108	-	-	97,552	19,062	340	-	-
Sidama	466,978	35,234	5,030	740	-	474,022	33,247	713	-	-
Gedio	133,008	16,694	513	141	-	148,299	2,057	-	-	-
Wolayita	285,853	223	-	-	-	256,431	29,232	413	-	-
South Omo	79,259	7,258	282	-	-	84,467	1,452	373	507	-
Shaka	30,675	1,912	124	155	76	31,827	1,115	-	-	-
Kaffa	128,835	33,173	3,575	-	-	164,744	839	-	-	-
Gamo Gofa	253,302	21,778	1,136	-	-	268,219	7,457	540	-	-
Bench Maji	105,129	9,191	335	128	-	114,673	110	-	-	-
Yem Sp. Wereda	14,694	366	-	-	-	12,845	2,169	46	-	-
Amaro Sp. Wereda	22,547	2,120	140	-	-	23,914	854	39	-	-
Burji Sp. Wereda	8,316	-	-	-	-	5,764	2,310	242	-	-
Konso Sp. Wereda	35,824	-	-	-	-	33,337	2,223	264	-	-
Derashe Sp. Wereda	24,516	44	44	-	-	17,324	7,163	117	-	-
Dawro	73,802	4,739	77	-	-	76,002	2,512	104	-	-
Basketo Sp. Wereda	10,642	275	-	-	-	10,807	110	-	-	-
Konta Sp. Wereda	16,316	865	-	-	-	17,153	28	-	-	-
Silte	126,386	12,566	-	-	-	96,069	41,494	1,389	-	-
Alaba Sp. Wereda	32,386	1,541	52	-	-	20,546	13,128	305	-	-
Harari	15,746	-	-	-	-	10,199	5,319	205	23	-
Hundene	15,746	-	-	-	-	10,199	5,319	205	23	-
Addis Ababa	6,553	389	9	-	-	2,999	3,544	355	44	9
Zone 3	4,294	258	-	-	-	1,892	2,468	192	-	-
Zone 6	2,260	130	9	-	-	1,107	1,076	163	44	9
Dire Dawa	18,299	-	-	-	-	10,324	7,790	185	-	-

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	10,918,004	311,853	2,540	397	-	11,120,752	71,388	18,328	13,781	8,545
Tigray	682,204	7,352	-	-	-	671,207	14,552	3,135	662	-
North West Tigray	126,213	652	-	-	-	122,033	4,697	135	-	-
Central Tigray	199,443	1,894	-	-	-	195,270	6,067	-	-	-
Eastern Tigray	113,883	1,044	-	-	-	114,255	264	408	-	-
Southern Tigray	185,401	2,761	-	-	-	182,678	2,304	2,592	588	-
Western Tigray	57,264	1,001	-	-	-	56,970	1,221	-	74	-
Afar	28,807	150	-	-	-	17,957	4,594	1,098	1,760	3,548
Zone 1	11,586	-	-	-	-	6,613	3,606	293	471	603
Zone 3	17,221	150	-	-	-	11,344	988	805	1,290	2,944
Amhara	3,044,887	95,647	272	-	-	3,132,623	6,978	832	373	-
North Gonder	433,188	12,062	-	-	-	444,659	591	-	-	-
South Gonder	391,244	14,970	-	-	-	406,214	-	-	-	-
North Wolo	284,618	13,168	-	-	-	294,980	2,373	219	214	-
South Wolo	474,970	19,536	-	-	-	493,942	564	-	-	-
North Shewa	360,883	10,851	-	-	-	370,775	612	347	-	-
East Gojam	403,585	8,936	-	-	-	412,521	-	-	-	-
West Gojam	381,456	9,842	272	-	-	391,344	226	-	-	-
Waghamera	75,752	1,772	-	-	-	77,524	-	-	-	-
Awi	166,433	4,113	-	-	-	170,546	-	-	-	-
Oromia	72,758	397	-	-	-	70,119	2,611	266	159	-
Oromia	4,348,835	148,932	2,012	397	-	4,459,576	24,617	8,259	6,530	1,194
West Wellega	337,252	9,214	-	-	-	346,466	-	-	-	-
East Wellega	267,857	10,091	-	-	-	277,948	-	-	-	-
Illubabor	195,881	9,447	-	-	-	205,328	-	-	-	-
Jimma	462,904	26,094	316	-	-	489,314	-	-	-	-
West Shewa	368,145	9,047	-	-	-	377,192	-	-	-	-
North Shewa	252,537	4,628	-	-	-	257,165	-	-	-	-
East Shewa	365,264	8,516	-	-	-	368,784	1,822	890	1,839	445
Arsi	532,637	26,059	735	397	-	557,689	1,789	350	-	-
West Harerghe	303,584	2,509	-	-	-	301,776	1,595	1,723	726	273
East Harerghe	420,944	280	-	-	-	417,994	3,230	-	-	-
Bale	322,120	17,325	238	-	-	328,524	8,986	1,675	498	-
Borena	150,397	4,581	-	-	-	143,801	5,973	2,131	2,761	312
South West Shewa	183,483	11,886	286	-	-	195,655	-	-	-	-
Guji	185,832	9,255	437	-	-	191,943	1,222	1,490	706	163

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	107,319	-	-	-	-	77,408	18,021	4,055	4,203	3,632
Shinele	5,608	-	-	-	-	4,206	918	240	168	76
Jijiga	75,391	-	-	-	-	53,814	15,692	2,688	2,287	910
Liben	26,320	-	-	-	-	19,388	1,411	1,127	1,748	2,646
Benshangul-Gumuz	136,898	1,473	-	-	-	138,371	-	-	-	-
Metekel	49,746	1,048	-	-	-	50,794	-	-	-	-
Asosa	65,779	214	-	-	-	65,993	-	-	-	-
Kemeshi	21,375	210	-	-	-	21,585	-	-	-	-
SNNP	2,528,407	57,959	246	-	-	2,586,040	150	394	-	28
Gurage	252,185	2,108	-	-	-	254,293	-	-	-	-
Hadiya	196,608	9,762	-	-	-	206,370	-	-	-	-
Kembata Tembaro	115,150	1,804	-	-	-	116,954	-	-	-	-
Sidama	504,616	3,366	-	-	-	507,588	-	394	-	-
Gedio	145,902	4,454	-	-	-	150,356	-	-	-	-
Wolayita	284,699	1,377	-	-	-	286,076	-	-	-	-
South Omo	84,452	2,264	83	-	-	86,799	-	-	-	-
Shaka	32,694	248	-	-	-	32,942	-	-	-	-
Kaffa	153,474	12,109	-	-	-	165,583	-	-	-	-
Gamo Gofa	270,214	6,002	-	-	-	276,216	-	-	-	-
Bench Maji	112,962	1,658	163	-	-	114,783	-	-	-	-
Yem Sp. Wereda	14,947	113	-	-	-	15,060	-	-	-	-
Amaro Sp. Wereda	23,594	1,213	-	-	-	24,807	-	-	-	-
Burji Sp. Wereda	8,303	13	-	-	-	8,316	-	-	-	-
Konso Sp. Wereda	35,824	-	-	-	-	35,824	-	-	-	-
Derashe Sp. Wereda	24,330	274	-	-	-	24,604	-	-	-	-
Dawro	74,515	4,103	-	-	-	78,618	-	-	-	-
Basketo Sp. Wereda	10,388	529	-	-	-	10,917	-	-	-	-
Konta Sp. Wereda	16,568	613	-	-	-	17,153	-	-	-	28
Silte	133,516	5,436	-	-	-	138,802	150	-	-	-
Alaba Sp. Wereda	33,466	513	-	-	-	33,979	-	-	-	-
Harari	15,726	20	-	-	-	15,391	120	68	94	73
Hundene	15,726	20	-	-	-	15,391	120	68	94	73
Addis Ababa	6,622	320	9	-	-	6,951	-	-	-	-
Zone 3	4,403	149	-	-	-	4,552	-	-	-	-
Zone 6	2,219	171	9	-	-	2,399	-	-	-	-
Dire Dawa	18,299	-	-	-	-	15,229	2,355	487	158	70

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

Geographic Area	Holdings with no poultry	1-9 Head	10-49 Head	50-99 Head	100-199 Head	>=200 Head
Ethiopia	5,101,911	5,186,485	943,886	512	-	-
Tigray	193,310	387,122	108,941	183	-	-
North West Tigray	31,928	63,988	30,949	-	-	-
Central Tigray	47,902	120,111	33,324	-	-	-
Eastern Tigray	30,142	73,123	11,662	-	-	-
Southern Tigray	68,900	102,311	16,951	-	-	-
Western Tigray	14,439	27,588	16,055	183	-	-
Afar	22,219	5,017	1,674	47	-	-
Zone 1	11,284	302	-	-	-	-
Zone 3	10,935	4,715	1,674	47	-	-
Amhara	1,112,442	1,770,331	258,033	-	-	-
North Gonder	109,864	257,399	77,987	-	-	-
South Gonder	145,802	234,369	26,043	-	-	-
North Wolo	68,088	207,638	22,060	-	-	-
South Wolo	136,075	329,423	29,008	-	-	-
North Shewa	104,490	241,878	25,366	-	-	-
East Gojam	249,534	150,388	12,599	-	-	-
West Gojam	168,237	186,534	36,799	-	-	-
Waghamera	29,295	40,140	8,089	-	-	-
Awi	72,969	84,440	13,137	-	-	-
Oromia	28,090	38,121	6,944	-	-	-
Oromia	2,268,546	1,871,721	359,714	195	-	-
West Wellega	137,210	158,591	50,665	-	-	-
East Wellega	133,219	115,177	29,552	-	-	-
Illubabor	76,686	106,211	22,236	195	-	-
Jimma	227,563	215,698	46,053	-	-	-
West Shewa	189,874	164,282	23,036	-	-	-
North Shewa	124,083	123,544	9,538	-	-	-
East Shewa	206,117	129,036	38,627	-	-	-
Arsi	297,185	226,160	36,483	-	-	-
West Harerghe	146,168	130,468	29,457	-	-	-
East Harerghe	213,148	187,737	20,339	-	-	-
Bale	228,112	97,731	13,840	-	-	-
Borena	90,857	52,622	11,499	-	-	-
South West Shewa	85,240	94,101	16,314	-	-	-
Guji	113,084	70,364	12,076	-	-	-

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	90,363	14,371	2,585	-	-	-
Shinele	4,649	900	59	-	-	-
Jijiga	65,938	7,642	1,811	-	-	-
Liben	19,776	5,829	715	-	-	-
Benshangul-Gumuz	50,924	62,207	25,240	-	-	-
Metekel	14,689	26,392	9,713	-	-	-
Asosa	27,270	26,650	12,073	-	-	-
Kemeshi	8,966	9,165	3,454	-	-	-
SNNP	1,345,188	1,055,862	185,475	87	-	-
Gurage	117,683	126,804	9,806	-	-	-
Hadiya	90,063	94,053	22,254	-	-	-
Kembata Tembaro	53,301	57,977	5,676	-	-	-
Sidama	310,486	175,579	21,917	-	-	-
Gedio	104,445	44,297	1,614	-	-	-
Wolayita	161,782	104,375	19,919	-	-	-
South Omo	40,224	34,435	12,053	87	-	-
Shaka	12,059	17,470	3,413	-	-	-
Kaffa	63,406	83,570	18,607	-	-	-
Gamo Gofa	175,123	80,977	20,116	-	-	-
Bench Maji	42,390	55,586	16,807	-	-	-
Yem Sp. Wereda	6,942	7,164	954	-	-	-
Amaro Sp. Wereda	13,540	9,445	1,822	-	-	-
Burji Sp. Wereda	4,371	3,106	839	-	-	-
Konso Sp. Wereda	18,220	14,038	3,566	-	-	-
Derashe Sp. Wereda	11,350	9,553	3,701	-	-	-
Dawro	46,695	28,079	3,844	-	-	-
Basketo Sp. Wereda	4,738	4,657	1,522	-	-	-
Konta Sp. Wereda	7,536	7,837	1,808	-	-	-
Silte	44,583	82,418	11,951	-	-	-
Alaba Sp. Wereda	16,251	14,441	3,287	-	-	-
Harari	9,050	6,041	655	-	-	-
Hundene	9,050	6,041	655	-	-	-
Addis Ababa	2,653	3,593	705	-	-	-
Zone 3	1,572	2,523	457	-	-	-
Zone 6	1,081	1,070	248	-	-	-
Dire Dawa	7,213	10,221	865	-	-	-

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

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Ethiopia	100	61.39	27.79	0.08	6.38	0.81	3.46
Tigray	100	37.04	41.41	0.11	15.38	1.67	4.23
North West Tigray	100	43.56	34.75	0.07	16.3	4	1.05
Central Tigray	100	33.51	45.01	0.14	18.65	0.4	2.11
Eastern Tigray	100	33.03	47.17	0.08	12.89	0.36	6.3
Southern Tigray	100	32.48	44.09	0.13	12.85	1.76	8.55
Western Tigray	100	55.73	25.26	0.05	15.14	2.91	0.91
Afar	100	81.9	10.7	0.03	3.32	0.77	3.14
Zone 1	100	80.23	19.08	-	0.07	0.52	-
Zone 3	100	83.06	4.85	0.05	5.58	0.95	5.33
Amhara	100	46.18	36.35	0.12	13.19	0.41	3.64
North Gonder	100	47.72	31.35	0.1	15.67	0.83	4.25
South Gonder	100	35.71	41.41	0.3	18.58	0.5	3.18
North Wolo	100	41.59	42.91	0.01	12.13	0.15	3.17
South Wolo	100	38.42	40.81	0.19	18.18	0.19	2.1
North Shewa	100	36.53	41.73	0.04	18.27	0.87	2.47
East Gojam	100	56.69	32.95	0.12	3.64	0.16	6.37
West Gojam	100	54.77	32.36	0.08	8.17	0.35	4.17
Waghamera	100	48.89	37.58	0.05	10.45	0.13	2.86
Awi	100	68.36	22.71	0.04	4.95	0.35	3.5
Oromia	100	54.66	25.3	0.02	15.97	0.03	3.95
Oromia	100	68.92	23.86	0.05	2.93	1.01	3.14
West Wellega	100	88.94	7.96	0.03	0.04	0.94	1.96
East Wellega	100	85.3	10.08	-	0.63	0.49	3.48
Illubabor	100	90.73	4.77	0.06	-	0.16	4.23
Jimma	100	85.28	12.67	-	*	0.21	1.69
West Shewa	100	74.2	18.85	0.04	3.11	0.9	2.88
North Shewa	100	56.92	20.83	0.07	19.16	1.13	1.66
East Shewa	100	57.05	38.93	0.08	1.18	2.14	0.6
Arsi	100	59.79	33.58	0.01	1.85	1.95	2.76
West Harerghe	100	40.39	45.38	-	4.4	0.27	9.45
East Harerghe	100	41.21	45.15	0.27	6.34	1.41	5.59
Bale	100	83.81	13.32	-	0.86	1.32	0.55
Borena	100	90.01	7.17	0.01	0.48	0.2	1.97
South West Shewa	100	58.27	34.41	0.04	3.69	1.19	2.37
Guji	100	80.24	13.6	-	0.22	0.31	5.5

TABLE 3-28 CONT'D

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	100	78.59	18.87	0.02	1.69	0.13	0.66
Shinele	100	83.55	11.03	-	0.22	1.86	3.29
Jijiga	100	75.32	22.15	0.03	1.91	0.05	0.51
Liben	100	86.95	11.07	-	1.37	0.02	0.57
Benshangul-Gumuz	100	86.73	8.38	0.03	1.55	0.4	2.73
Metekel	100	82.22	10.84	-	2.74	0.16	3.86
Asosa	100	88.16	8.22	0.07	0.88	0.57	1.96
Kemeshi	100	95.49	1.93	-	0.04	0.62	1.71
SNNP	100	71.49	21.75	0.06	2.12	0.72	3.75
Gurage	100	64.88	23.73	0.11	7.54	0.8	2.75
Hadiya	100	63.35	26.77	0.01	1.18	0.49	8.17
Kembata Tembaro	100	53.43	31.43	0.21	2.8	1.05	10.98
Sidama	100	72.65	22.24	0.05	0.61	0.7	3.53
Gedio	100	78.66	18.63	0.02	0.05	0.07	2.39
Wolayita	100	67.94	26.54	0.14	3.61	0.57	1.05
South Omo	100	85.01	12.81	0.08	0.03	0.31	1.75
Shaka	100	87.85	5.39	-	-	4.18	2.46
Kaffa	100	93.88	3.1	0.02	*	1.84	1.14
Gamo Gofa	100	70.71	21.95	0.03	2.88	0.03	4.33
Bench Maji	100	88.66	5.92	0.03	-	2.99	2.36
Yem Sp. Wereda	100	73.05	16.98	0.05	6.97	0.04	2.89
Amaro Sp. Wereda	100	77.46	21.83	-	-	-	0.71
Burji Sp. Wereda	100	76.05	21.55	-	0.77	-	1.62
Konso Sp. Wereda	100	34.26	43.78	0.05	2.46	0.04	19.24
Derashe Sp. Wereda	100	67.73	25.84	-	0.34	-	6.06
Dawro	100	83.28	11.86	-	0.76	0.02	4
Basketo Sp. Wereda	100	74.31	21.15	-	0.02	-	4.4
Konta Sp. Wereda	100	80.5	14.42	-	0.42	-	4.64
Silte	100	61.56	34.09	*	2.58	0.3	1.4
Alaba Sp. Wereda	100	60.86	36.03	-	1.97	0.19	0.9
Harari	100	29.34	58.37	1.11	0.34	6.41	4.35
Hundene	100	29.34	58.37	1.11	0.34	6.41	4.35
Addis Ababa	100	48.85	32.3	0.13	10.98	4.89	2.81
Zone 3	100	55.56	24.61	0.2	12.38	4.01	3.2
Zone 6	100	35.47	47.62	-	8.18	6.63	2.05
Dire Dawa	100	70.22	24.5	-	0.87	3.51	0.88

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	9,911,185	8,360,245	45,207	2,921,913	718,571	2,614,109
Tigray	607,065	595,501	4,036	463,689	95,429	152,407
North West Tigray	120,050	116,408	441	99,085	44,688	13,236
Central Tigray	166,688	172,015	1,785	149,430	4,805	39,886
Eastern Tigray	102,309	97,311	446	64,073	2,185	36,441
Southern Tigray	163,276	159,317	1,102	113,270	30,751	59,020
Western Tigray	54,742	50,449	261	37,832	13,000	3,824
Afar	27,101	13,138	87	3,312	995	2,180
Zone 1	11,428	9,092	-	45	523	-
Zone 3	15,672	4,046	87	3,268	471	2,180
Amhara	2,786,330	2,648,524	16,019	1,576,300	107,396	830,790
North Gonder	386,959	345,881	2,400	239,858	24,295	101,075
South Gonder	348,940	344,991	4,412	264,172	12,531	71,479
North Wolo	267,600	255,596	219	156,995	7,946	44,436
South Wolo	446,050	430,506	3,970	328,026	5,096	40,461
North Shewa	314,602	314,511	817	228,490	31,507	83,217
East Gojam	373,893	351,312	2,468	75,333	5,070	224,479
West Gojam	357,536	340,528	1,113	148,610	13,565	176,970
Waghamera	68,218	65,258	164	37,597	464	3,021
Awi	157,396	143,810	367	54,913	6,780	73,854
Oromia	65,136	56,131	89	42,307	143	11,800
Oromia	3,938,508	3,085,192	12,313	609,806	332,969	884,931
West Wellega	275,527	119,493	504	1,353	17,558	57,521
East Wellega	248,972	145,381	-	14,142	14,707	74,809
Illubabor	181,988	59,899	527	-	1,739	67,911
Jimma	454,293	340,414	-	614	9,076	84,101
West Shewa	341,865	299,138	689	90,170	40,152	118,741
North Shewa	228,344	203,573	1,849	199,503	28,273	66,621
East Shewa	297,004	278,972	1,985	22,220	45,004	19,491
Arsi	501,245	477,984	374	66,395	75,732	93,757
West Harerghe	246,472	258,851	-	39,222	3,779	89,734
East Harerghe	360,107	387,604	5,839	103,331	31,396	105,191
Bale	319,430	200,597	-	18,617	36,224	17,114
Borena	141,621	46,654	118	1,915	2,137	19,557
South West Shewa	167,301	158,460	428	49,082	24,420	27,623
Guji	174,339	108,173	-	3,243	2,772	42,759

TABLE 3-29 – a CONT'D

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Somale	103,016	84,872	68	11,561	1,195	7,126
Shinele	5,113	2,356	-	94	632	1,189
Jijiga	72,688	69,605	68	10,179	535	5,393
Liben	25,214	12,911	-	1,288	28	544
Benshangul-Gumuz	107,248	47,824	123	10,357	3,692	26,289
Metekel	45,446	23,538	-	7,710	1,125	15,967
Asosa	45,560	21,920	123	2,614	2,048	8,711
Kemeshi	16,242	2,365	-	33	519	1,611
SNNP	2,308,026	1,849,884	11,768	241,990	166,730	704,890
Gurage	238,587	212,565	2,553	79,030	14,785	72,143
Hadiya	193,609	184,675	193	16,974	7,974	117,435
Kembata Tembaro	112,024	105,856	2,264	16,251	10,355	83,761
Sidama	443,762	366,886	2,397	12,331	29,004	128,835
Gedio	99,706	67,956	431	496	476	12,962
Wolayita	264,839	245,969	2,522	52,238	11,523	25,235
South Omo	72,406	38,794	95	163	1,756	10,472
Shaka	26,834	6,505	-	-	13,266	6,550
Kaffa	158,398	61,143	505	100	37,571	33,326
Gamo Gofa	245,517	189,051	414	29,558	645	64,449
Bench Maji	104,025	47,861	163	-	35,942	22,851
Yem Sp. Wereda	14,025	12,768	72	5,719	121	4,909
Amaro Sp. Wereda	23,100	20,068	-	-	-	1,115
Burji Sp. Wereda	7,156	6,402	-	459	-	1,124
Konso Sp. Wereda	22,549	31,562	55	3,087	54	27,816
Derashe Sp. Wereda	20,079	19,259	-	704	-	8,756
Dawro	75,612	56,620	-	3,927	152	46,619
Basketo Sp. Wereda	9,475	7,896	-	19	-	2,803
Konta Sp. Wereda	16,362	12,584	-	272	-	8,845
Silte	128,199	124,174	103	17,761	2,726	21,876
Alaba Sp. Wereda	31,762	31,288	-	2,902	380	3,010
Harari	11,087	14,460	748	250	4,396	2,305
Hundene	11,087	14,460	748	250	4,396	2,305
Addis Ababa	5,385	4,657	45	3,353	2,073	1,257
Zone 3	3,592	2,969	45	2,462	1,236	892
Zone 6	1,793	1,688	-	891	837	365
Dire Dawa	17,420	16,194	-	1,294	3,696	1,934

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	3,439,885	203,186	3,416,988	2,599,966	242,399
Tigray	57,120	1,906	397,384	133,626	16,122
North West Tigray	1,263	-	109,244	6,755	2,521
Central Tigray	10,325	300	106,651	49,412	-
Eastern Tigray	22,017	1,400	47,047	31,194	257
Southern Tigray	18,781	-	105,878	38,163	306
Western Tigray	4,734	205	28,564	8,102	13,039
Afar	2,110	476	19,779	4,375	361
Zone 1	827	62	8,570	1,736	233
Zone 3	1,282	414	11,209	2,639	128
Amhara	699,683	45,039	1,188,902	813,291	37,812
North Gonder	46,183	3,563	195,862	139,279	1,030
South Gonder	54,720	6,664	178,167	103,283	5,545
North Wolo	130,137	5,830	60,613	63,596	7,424
South Wolo	258,315	13,404	93,644	73,531	7,157
North Shewa	160,377	10,490	54,473	79,709	9,552
East Gojam	14,251	756	256,248	101,164	1,474
West Gojam	18,698	905	190,093	144,828	3,011
Waghamera	259	294	63,254	4,410	-
Awi	2,001	556	69,705	83,596	1,540
Oromia	14,742	2,576	26,844	19,895	1,079
Oromia	1,464,995	110,779	1,374,210	873,617	111,362
West Wellega	33,352	1,596	179,055	60,772	752
East Wellega	34,713	3,405	139,094	67,567	3,989
Illubabor	38,488	171	81,614	57,836	3,879
Jimma	192,273	1,908	145,117	101,311	13,089
West Shewa	156,801	33,201	37,031	93,813	20,527
North Shewa	107,812	17,323	41,180	43,707	17,406
East Shewa	157,104	10,112	74,180	46,892	8,508
Arsi	280,588	28,029	77,449	90,912	23,950
West Harerghe	98,548	1,362	117,722	25,117	3,506
East Harerghe	140,037	2,122	160,216	54,902	2,830
Bale	60,907	1,001	130,434	125,594	1,368
Borena	31,529	381	89,277	17,895	2,068
South West Shewa	86,134	9,580	22,269	40,950	8,366
Guji	46,709	587	79,572	46,348	1,124

TABLE 3-29 – b-1 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	10,730	983	62,276	23,917	5,102
Shinele	299	6	3,885	6	909
Jijiga	10,068	887	41,929	19,804	-
Liben	362	90	16,462	4,107	4,194
Benshangul-Gumuz	2,894	207	90,169	12,586	1,271
Metekel	601	72	39,459	5,249	-
Asosa	1,352	93	37,647	5,246	1,222
Kemeshi	941	41	13,063	2,091	49
SNNP	1,194,021	43,412	262,334	736,428	69,290
Gurage	93,562	1,364	15,712	124,029	3,715
Hadiya	122,022	752	2,960	64,632	3,243
Kembata Tembaro	52,273	511	5,636	49,479	4,125
Sidama	258,253	5,556	28,153	149,167	2,242
Gedio	75,457	3,117	4,725	13,971	1,884
Wolayita	117,639	20,278	13,867	106,432	6,436
South Omo	37,964	1,414	14,387	13,209	5,433
Shaka	17,304	96	5,029	3,255	1,019
Kaffa	106,181	2,113	16,536	18,777	14,358
Gamo Gofa	100,402	6,004	73,231	56,060	9,820
Bench Maji	52,509	115	24,379	23,985	2,796
Yem Sp. Wereda	6,782	309	3,123	3,198	614
Amaro Sp. Wereda	8,471	-	5,839	6,748	2,003
Burji Sp. Wereda	953	-	4,574	1,614	15
Konso Sp. Wereda	8,280	54	9,543	2,813	1,806
Derashe Sp. Wereda	1,811	84	15,111	2,910	164
Dawro	36,208	942	14,184	20,295	3,983
Basketo Sp. Wereda	4,307	20	2,836	1,499	813
Konta Sp. Wereda	11,145	179	832	1,602	2,574
Silte	62,985	503	976	61,836	1,620
Alaba Sp. Wereda	19,516	-	701	10,917	628
Harari	5,240	40	4,639	1,110	58
Hundene	5,240	40	4,639	1,110	58
Addis Ababa	2,645	345	535	802	1,021
Zone 3	1,686	204	226	739	725
Zone 6	959	142	309	63	295
Dire Dawa	447	-	16,760	213	-

2. Crop Residue

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	7,454,988	135,177	77,217	564,992	116,482
Tigray	474,508	10,163	2,362	105,812	1,434
North West Tigray	104,077	1,670	807	9,386	-
Central Tigray	131,483	1,410	188	38,785	149
Eastern Tigray	74,680	1,250	635	19,836	512
Southern Tigray	120,275	2,136	276	35,876	453
Western Tigray	43,993	3,697	456	1,928	319
Afar	9,556	489	1,631	1,256	168
Zone 1	6,843	151	1,463	575	42
Zone 3	2,713	338	168	681	125
Amhara	2,325,117	41,543	15,700	231,882	32,101
North Gonder	305,667	5,801	3,265	28,131	2,272
South Gonder	288,434	7,603	2,386	41,877	4,691
North Wolo	201,924	2,263	1,506	48,316	1,468
South Wolo	369,374	10,772	966	46,046	3,072
North Shewa	268,459	3,591	2,568	34,284	5,609
East Gojam	329,913	4,100	2,576	10,269	4,153
West Gojam	315,845	4,116	1,827	11,425	6,864
Waghamera	60,911	825	-	3,154	368
Awi	130,970	2,022	605	6,805	3,199
Oromia	53,621	450	-	1,578	405
Oromia	2,789,154	56,827	48,240	130,119	56,764
West Wellega	87,567	3,129	780	27,519	238
East Wellega	140,534	1,186	2,313	1,161	188
Illubabor	54,601	173	2,561	2,563	-
Jimma	312,107	2,033	12,040	9,825	4,011
West Shewa	264,009	9,317	3,247	11,151	11,162
North Shewa	167,260	8,487	3,425	15,603	7,835
East Shewa	254,220	6,579	2,596	9,227	6,350
Arsi	424,632	16,098	5,149	13,660	17,800
West Harerghe	242,463	1,958	4,750	7,387	1,678
East Harerghe	373,432	919	3,527	5,963	3,485
Bale	179,586	2,634	5,186	11,094	1,861
Borena	43,772	1,513	354	899	117
South West Shewa	143,889	1,830	1,272	10,166	1,033
Guji	101,082	971	1,040	3,901	1,006

TABLE 3-29 – b-2 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	79,769	1,907	534	1,609	931
Shinele	2,131	70	19	76	53
Jijiga	68,064	77	275	444	668
Liben	9,574	1,761	241	1,089	210
Benshangul-Gumuz	46,126	69	429	670	530
Metekel	23,002	-	121	173	242
Asosa	20,886	69	258	483	225
Kemeshi	2,238	-	50	14	63
SNNP	1,698,294	23,355	8,250	92,574	23,759
Gurage	203,587	1,301	-	3,796	3,455
Hadiya	177,942	573	394	2,625	3,140
Kembata Tembaro	93,895	708	106	7,441	3,495
Sidama	327,398	6,723	1,225	29,605	1,543
Gedio	59,369	2,308	177	3,719	1,993
Wolayita	198,919	8,871	2,190	29,826	5,523
South Omo	35,008	687	302	2,208	477
Shaka	5,853	191	73	28	325
Kaffa	58,052	287	517	1,713	431
Gamo Gofa	183,395	-	1,013	2,551	1,570
Bench Maji	46,773	369	81	474	163
Yem Sp. Wereda	12,206	25	144	257	137
Amaro Sp. Wereda	19,743	-	125	121	40
Burji Sp. Wereda	6,291	40	24	34	14
Konso Sp. Wereda	28,443	119	184	2,760	55
Derashe Sp. Wereda	18,258	-	385	526	90
Dawro	53,480	619	292	1,673	385
Basketo Sp. Wereda	7,062	86	296	264	187
Konta Sp. Wereda	12,320	-	50	160	25
Silte	120,150	397	568	2,118	397
Alaba Sp. Wereda	30,150	51	102	674	310
Harari	13,315	40	-	922	137
Hundene	13,315	40	-	922	137
Addis Ababa	3,737	392	18	149	352
Zone 3	2,346	254	10	96	263
Zone 6	1,391	138	8	53	89
Dire Dawa	15,412	394	52	-	307

3. Improved Feed

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	33,082	6,524	2,579	1,128	701
Tigray	2,743	283	-	453	-
North West Tigray	294	-	-	-	-
Central Tigray	1,226	149	-	-	-
Eastern Tigray	223	134	-	89	-
Southern Tigray	795	-	-	307	-
Western Tigray	205	-	-	56	-
Afar	41	22	-	24	-
Zone 1	-	-	-	-	-
Zone 3	41	22	-	24	-
Amhara	13,112	1,887	-	340	331
North Gonder	2,069	-	-	-	331
South Gonder	2,962	1,449	-	-	-
North Wolo	219	-	-	-	-
South Wolo	3,630	-	-	340	-
North Shewa	817	-	-	-	-
East Gojam	1,928	274	-	-	-
West Gojam	1,113	-	-	-	-
Waghamera	82	-	-	-	-
Awi	203	164	-	-	-
Oromia	89	-	-	-	-
Oromia	6,791	2,585	2,484	-	190
West Wellega	504	-	-	-	-
East Wellega	-	-	-	-	-
Illubabor	337	-	190	-	-
Jimma	-	-	-	-	-
West Shewa	689	-	-	-	-
North Shewa	1,150	246	-	-	190
East Shewa	576	1,409	-	-	-
Arsi	-	374	-	-	-
West Harerghe	-	-	-	-	-
East Harerghe	3,250	294	2,295	-	-
Bale	-	-	-	-	-
Borena	-	118	-	-	-
South West Shewa	285	143	-	-	-
Guji	-	-	-	-	-

TABLE 3-29 – b-3 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	-	-	-	-	68
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	68
Liben	-	-	-	-	-
Benshangul-Gumuz	123	-	-	-	-
Metekel	-	-	-	-	-
Asosa	123	-	-	-	-
Kemeshi	-	-	-	-	-
SNNP	9,841	1,410	95	312	111
Gurage	2,143	204	-	206	-
Hadiya	193	-	-	-	-
Kembata Tembaro	1,738	310	-	105	111
Sidama	2,397	-	-	-	-
Gedio	-	431	-	-	-
Wolayita	2,112	410	-	-	-
South Omo	-	-	95	-	-
Shaka	-	-	-	-	-
Kaffa	505	-	-	-	-
Gamo Gofa	414	-	-	-	-
Bench Maji	163	-	-	-	-
Yem Sp. Wereda	72	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	-	55	-	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	-	-	-	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	103	-	-	-	-
Alaba Sp. Wereda	-	-	-	-	-
Harari	403	319	-	-	-
Hundene	403	319	-	-	-
Addis Ababa	27	18	-	-	-
Zone 3	27	18	-	-	-
Zone 6	-	-	-	-	-
Dire Dawa	-	-	-	-	-

4. Hay

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	1,967,706	436,853	62,593	403,899	41,384
Tigray	335,098	31,278	8,614	85,327	1,274
North West Tigray	77,928	2,899	399	17,125	-
Central Tigray	100,303	13,937	3,856	30,697	298
Eastern Tigray	47,532	4,874	1,757	8,971	339
Southern Tigray	82,559	4,591	645	24,907	144
Western Tigray	26,777	4,978	1,957	3,627	493
Afar	867	1,233	901	292	-
Zone 1	31	14	-	-	-
Zone 3	836	1,220	901	292	-
Amhara	1,014,606	259,989	35,883	244,951	16,573
North Gonder	154,878	48,921	1,765	31,653	1,989
South Gonder	156,876	58,917	2,073	44,017	2,288
North Wolo	93,853	15,981	12,465	33,118	1,577
South Wolo	217,805	49,532	1,886	56,716	415
North Shewa	148,228	18,920	1,919	54,149	4,989
East Gojam	50,189	14,060	6,488	2,990	764
West Gojam	94,744	35,837	3,801	10,834	3,182
Waghamera	28,342	816	5,237	3,202	-
Awi	37,402	11,912	148	3,794	1,119
Oromia	32,288	5,092	100	4,477	251
Oromia	421,629	106,599	12,627	45,071	21,430
West Wellega	1,353	-	-	-	-
East Wellega	12,962	592	-	398	-
Illubabor	-	-	-	-	-
Jimma	614	-	-	-	-
West Shewa	63,855	16,332	2,159	2,313	5,258
North Shewa	115,911	36,118	4,982	30,770	10,338
East Shewa	18,133	2,652	251	-	1,185
Arsi	46,251	12,500	1,739	2,807	2,785
West Harerghe	25,026	11,251	786	1,420	739
East Harerghe	82,555	14,596	1,791	4,079	-
Bale	12,599	4,162	344	1,297	215
Borena	1,564	-	-	-	351
South West Shewa	37,563	8,396	575	1,988	561
Guji	3,243	-	-	-	-

TABLE 3-29 – b-4 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	8,607	807	169	1,840	13
Shinele	63	18	-	-	13
Jijiga	7,576	573	92	1,840	-
Liben	967	215	77	-	-
Benshangul-Gumuz	8,588	810	223	600	136
Metekel	6,401	810	107	255	136
Asosa	2,154	-	115	345	-
Kemeshi	33	-	-	-	-
SNNP	175,126	35,018	4,148	25,603	1,659
Gurage	53,292	13,093	-	11,792	416
Hadiya	13,237	2,964	-	373	399
Kembata Tembaro	10,762	3,170	-	2,319	-
Sidama	10,752	1,579	-	-	-
Gedio	372	124	-	-	-
Wolayita	38,280	7,420	787	5,120	631
South Omo	109	-	54	-	-
Shaka	-	-	-	-	-
Kaffa	100	-	-	-	-
Gamo Gofa	22,911	2,415	2,852	1,380	-
Bench Maji	-	-	-	-	-
Yem Sp. Wereda	4,898	545	20	209	46
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	194	14	236	-	14
Konso Sp. Wereda	1,344	1,434	-	310	-
Derashe Sp. Wereda	-	88	-	616	-
Dawro	1,659	152	76	1,888	152
Basketo Sp. Wereda	19	-	-	-	-
Konta Sp. Wereda	272	-	-	-	-
Silte	14,232	1,810	123	1,596	-
Alaba Sp. Wereda	2,693	209	-	-	-
Harari	203	23	-	23	-
Hundene	203	23	-	23	-
Addis Ababa	1,994	816	29	193	272
Zone 3	1,439	585	10	160	246
Zone 6	555	231	18	34	27
Dire Dawa	988	280	-	-	26

5. By-Product

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Ethiopia	354,197	316,474	1,473	22,827	18,092
Tigray	59,706	26,128	495	3,573	4,458
North West Tigray	22,573	14,097	-	2,547	4,458
Central Tigray	3,908	668	153	76	-
Eastern Tigray	1,039	903	122	121	-
Southern Tigray	25,472	5,026	129	124	-
Western Tigray	6,714	5,435	91	705	-
Afar	21	951	23	-	-
Zone 1	-	523	-	-	-
Zone 3	21	427	23	-	-
Amhara	55,368	46,550	-	2,948	1,797
North Gonder	6,559	17,736	-	-	-
South Gonder	4,290	7,463	-	778	-
North Wolo	7,691	-	-	255	-
South Wolo	3,257	319	-	-	1,520
North Shewa	16,430	13,557	-	1,244	277
East Gojam	2,921	1,916	-	234	-
West Gojam	8,561	4,478	-	272	-
Waghamera	382	-	-	82	-
Awi	5,219	1,082	-	-	-
Oromia	59	-	-	83	-
Oromia	136,738	177,006	679	9,854	6,051
West Wellega	15,904	465	190	190	-
East Wellega	14,003	199	-	-	505
Illubabor	545	842	-	-	351
Jimma	1,741	7,119	-	216	-
West Shewa	27,723	9,792	-	238	1,863
North Shewa	16,132	9,201	-	1,170	718
East Shewa	5,113	38,652	286	-	709
Arsi	20,051	50,520	-	3,782	1,379
West Harerghe	2,587	919	-	-	273
East Harerghe	3,381	28,015	-	-	-
Bale	11,348	22,430	-	2,193	253
Borena	2,020	118	-	-	-
South West Shewa	14,164	8,192	-	2,064	-
Guji	2,027	542	203	-	-

TABLE 3-29 – b-5 CONT'D

Geographic Area	Own Holding	Purchased	Communal/ Government Holding	From any Two or More Sources	Others
Somale	570	617	-	-	-
Shinele	6	617	-	-	-
Jijiga	535	-	-	-	-
Liben	28	-	-	-	-
Benshangul-Gumuz	2,482	1,025	21	164	-
Metekel	437	688	-	-	-
Asosa	1,620	285	-	144	-
Kemeshi	426	52	21	21	-
SNNP	99,119	54,346	254	6,256	5,729
Gurage	10,695	3,025	-	211	853
Hadiya	4,990	1,680	188	186	186
Kembata Tembaro	1,866	8,383	-	-	105
Sidama	785	27,741	-	-	477
Gedio	-	476	-	-	-
Wolayita	4,211	7,078	-	234	-
South Omo	541	304	-	-	912
Shaka	9,650	1,191	-	1,804	620
Kaffa	35,162	1,556	-	431	290
Gamo Gofa	399	-	-	-	246
Bench Maji	29,216	1,108	66	3,390	2,040
Yem Sp. Wereda	96	-	-	-	-
Amaro Sp. Wereda	-	-	-	-	-
Burji Sp. Wereda	-	-	-	-	-
Konso Sp. Wereda	54	-	-	-	-
Derashe Sp. Wereda	-	-	-	-	-
Dawro	80	71	-	-	-
Basketo Sp. Wereda	-	-	-	-	-
Konta Sp. Wereda	-	-	-	-	-
Silte	1,373	1,353	-	-	-
Alaba Sp. Wereda	-	380	-	-	-
Harari	75	4,276	-	23	-
Hundene	75	4,276	-	23	-
Addis Ababa	120	1,879	-	9	57
Zone 3	40	1,131	-	9	48
Zone 6	80	748	-	-	9
Dire Dawa	-	3,696	-	-	-

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	37,549	29,602	122,696	23,149	13,531
Tigray	26,109	9,722	7,698	12,673	10,482
North West Tigray	4,691	2,373	822	652	280
Central Tigray	3,399	3,240	2,334	3,263	3,021
Eastern Tigray	2,409	2,204	1,890	7,160	4,042
Southern Tigray	13,556	1,716	2,652	1,467	3,069
Western Tigray	2,054	190	-	132	70
Afar	-	-	-	-	-
Zone 1	-	-	-	-	-
Zone 3	-	-	-	-	-
Amhara	5,158	14,612	5,615	6,788	689
North Gonder	742	877	1,054	635	260
South Gonder	1,274	1,942	758	865	-
North Wolo	-	214	428	213	-
South Wolo	282	989	346	329	329
North Shewa	1,092	273	1,712	-	-
East Gojam	822	6,547	219	3,646	-
West Gojam	792	2,623	287	310	-
Waghamera	-	-	106	373	100
Awi	154	967	706	324	-
Oromia	-	180	-	94	-
Oromia	4,699	4,383	98,595	1,840	1,266
West Wellega	687	272	5,838	-	-
East Wellega	-	-	10,135	-	-
Illubabor	-	-	4,124	-	365
Jimma	-	281	13,728	1,161	281
West Shewa	250	555	10,092	-	-
North Shewa	-	970	10,167	-	-
East Shewa	-	-	4,266	-	349
Arsi	3,535	1,075	8,445	-	-
West Harerghe	-	-	7,126	402	-
East Harerghe	-	301	10,898	-	-
Bale	-	529	4,668	277	-
Borena	227	118	135	-	-
South West Shewa	-	282	8,616	-	271
Guji	-	-	358	-	-

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	-	19	344	-	-
Shinele	-	-	-	-	-
Jijiga	-	-	-	-	-
Liben	-	19	344	-	-
Benshangul-Gumuz	-	-	422	-	-
Metekel	-	-	294	-	-
Asosa	-	-	69	-	-
Kemeshi	-	-	59	-	-
SNNP	1,487	844	9,883	1,848	1,095
Gurage	492	230	1,463	413	164
Hadiya	-	-	372	-	742
Kembata Tembaro	443	106	1,426	-	-
Sidama	-	-	768	-	-
Gedio	-	169	480	-	-
Wolayita	-	-	212	-	-
South Omo	-	-	200	53	-
Shaka	-	-	443	286	-
Kaffa	-	145	1,030	296	-
Gamo Gofa	445	-	923	-	-
Bench Maji	-	163	1,042	-	-
Yem Sp. Wereda	-	-	270	46	23
Amaro Sp. Wereda	-	-	364	-	-
Burji Sp. Wereda	-	-	13	-	-
Konso Sp. Wereda	-	-	228	56	-
Derashe Sp. Wereda	-	-	38	-	-
Dawro	-	-	-	-	-
Basketo Sp. Wereda	-	-	74	-	-
Konta Sp. Wereda	-	31	136	-	-
Silte	-	-	306	698	-
Alaba Sp. Wereda	108	-	95	-	165
Harari	97	-	64	-	-
Hundene	97	-	64	-	-
Addis Ababa	-	-	-	-	-
Zone 3	-	-	-	-	-
Zone 6	-	-	-	-	-
Dire Dawa	-	22	74	-	-

PART II – ESTIMATES FOR RESETTLEMENT AREAS

TABLES 4.1– 4.15

Part II - Resettlement Areas

TABLE 4-1: NUMBER OF LIVESTOCK BY TYPE OF ANIMAL AND REGION

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	DONKEYS	MULES	CAMELS	POULTRY	BEEHIVES
Ethiopia	98,988	12,352	115,149	8,802	*	*	984	190,278	7,894
Tigray	24,074	925	12,826	2,167	-	-	984	13,761	221
Amhara	12,982	381	9,772	3,261	-	-	-	27,903	1,327
Oromia	45,492	9,444	85,435	3,217	*	*	-	104,564	5,356
Benshangul-Gumuz	*	51	61	*	-	-	-	272	180
SNNP	16,437	1,550	7,056	154	-	-	-	43,777	811

TABLE 4-2: NUMBER OF CATTLE BY AGE AND SEX OF ANIMAL, 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	98,988	2,663	2,018	7,709	54,346	1,567	2,933	2,308	4,906	19,228	1,310
Tigray	24,074	1,390	777	1,312	6,213	913	1,460	794	1,847	8,378	991
Amhara	12,982	382	372	568	6,321	368	532	559	792	2,836	252
Oromia	45,492	498	492	4,919	32,488	136	620	412	1,431	4,486	*
Benshangul-Gumuz	*	-	-	1	*	-	-	-	-	-	-
SNNP	16,437	393	377	910	9,322	150	321	542	835	3,530	*

TABLE 4-3: NUMBER OF SHEEP BY AGE AND SEX OF ANIMAL, 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	12,352	1,985	720	293	362	1,685	867	1,226	5,213
Tigray	925	104	*	57	*	*	*	86	510
Amhara	381	83	*	*	*	*	*	*	136
Oromia	9,444	1,679	503	145	210	1,508	570	793	4,036
Benshangul-Gumuz	51	14	5	-	-	8	4	3	16
SNNP	1,550	105	116	81	121	112	203	298	514

TABLE 4-4: NUMBER OF GOATS BY AGE AND SEX OF ANIMAL, 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	115,149	18,114	6,064	4,542	3,587	19,281	8,777	12,957	41,828
Tigray	12,826	1,638	569	377	449	1,759	1,007	1,665	5,361
Amhara	9,772	1,256	651	*	*	1,810	840	927	3,881
Oromia	85,435	14,536	4,460	3,536	2,552	14,854	6,305	9,415	29,778
Benshangul-Gumuz	61	11	5	-	1	9	16	2	16
SNNP	7,056	672	379	309	499	849	608	947	2,792

TABLE 4-5: CATTLE AGED 3 – 10 YEARS BY SEX, PURPOSE, AND REGION

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Ethiopia	73,574	52,361	996	486	503	3,952	82	79	14,486	630
Tigray	14,591	5,873	*	170	158	443	*	62	7,830	*
Amhara	9,156	6,069	*	*	*	233	*	-	2,495	*
Oromia	36,973	31,350	904	129	105	1,118	*	*	3,201	132
Benshangul-Gumuz	*	*	-	-	-	-	-	-	-	-
SNNP	12,852	9,066	65	94	97	2,159	*	*	960	392

TABLE 4-6: SHEEP AGED 2 YEARS AND OLDER BY SEX, PURPOSE, AND REGION

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Ethiopia	5,575	170	-	192	-	27	7	5,172	8
Tigray	530	-	-	*	-	-	-	510	-
Amhara	147	-	-	*	-	-	-	136	-
Oromia	4,246	118	-	*	-	-	-	4,036	-
Benshangul-Gumuz	16	-	-	-	-	-	-	16	-
SNNP	635	53	-	68	-	27	7	473	8

TABLE 4-7: GOATS AGED 2 YEARS AND OLDER BY SEX, PURPOSE, AND REGION

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALE			FEMALE			
		Meat	Breeding	Other	Milk	Meat	Breeding	Other
Ethiopia	45,415	987	2,561	*	1,696	184	39,881	*
Tigray	5,810	*	412	*	*	*	5,298	-
Amhara	3,967	-	*	-	-	-	3,881	-
Oromia	32,330	680	1,842	*	1,642	113	27,957	*
Benshangul-Gumuz	17	-	1	-	-	-	16	-
SNNP	3,291	280	219	-	*	*	2,729	-

TABLE 4-8: NUMBER OF HORSES AND DONKEYS BY AGE AND SEX OF ANIMAL, AND REGION

Geographic Area	HORSES AND DONKEYS									
	ALL HORSES	HORSES				ALL DONKEYS	DONKEYS			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Ethiopia	*	-	*	-	-	8,802	623	6,698	333	1,148
Tigray	-	-	-	-	-	2,167	199	1,228	219	521
Amhara	-	-	-	-	-	3,261	229	3,032	-	-
Oromia	*	-	*	-	-	3,217	180	2,343	114	580
Benshangul-Gumuz	-	-	-	-	-	*	-	-	-	*
SNNP	-	-	-	-	-	154	*	95	-	44

TABLE 4-9: NUMBER OF MULES AND CAMELS BY AGE AND SEX OF ANIMAL 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	*	-	*	-	*	984	45	940	-	-
Tigray	-	-	-	-	-	984	45	940	-	-
Amhara	-	-	-	-	-	-	-	-	-	-
Oromia	*	-	*	-	*	-	-	-	-	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
SNNP	-	-	-	-	-	-	-	-	-	-

TABLE 4-10: POULTRY INVENTORY BY TYPE AND REGION

a.. All

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	190,278	19,270	13,268	26,947	8,821	72,345	49,625
Tigray	13,761	872	1,468	2,239	643	5,243	3,296
Amhara	27,903	1,941	2,206	3,458	1,187	12,866	6,245
Oromia	104,564	12,151	6,385	15,284	5,243	34,218	31,284
Benshangul-Gumuz	272	7	9	17	5	175	59
SNNP	43,777	4,299	3,201	5,950	1,744	19,844	8,741

b. Indigenous

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	170,592	15,432	11,658	22,936	7,844	69,134	43,588
Tigray	11,211	664	1,207	1,711	452	4,536	2,642
Amhara	26,473	1,705	2,137	3,381	1,187	12,420	5,645
Oromia	90,075	9,093	5,168	12,102	4,463	32,455	26,794
Benshangul-Gumuz	272	7	9	17	5	175	59
SNNP	42,560	3,963	3,138	5,725	1,737	19,549	8,449

c. Hybrid

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	9,951	1,299	961	1,980	294	2,997	2,420
Tigray	2,397	176	261	499	169	697	594
Amhara	1,085	91	*	*	-	446	446
Oromia	5,397	740	609	1,241	118	1,578	1,111
Benshangul-Gumuz	-	-	-	-	-	-	-
SNNP	1,073	292	*	194	*	276	268

d. Exotic

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens
Ethiopia	9,734	2,540	649	2,031	683	*	3,617
Tigray	154	*	-	*	*	*	60
Amhara	345	146	*	*	-	-	154
Oromia	9,091	2,317	*	1,940	661	*	3,379
Benshangul-Gumuz	-	-	-	-	-	-	-
SNNP	144	44	*	31	-	*	24

TABLE 4-11: BEEHIVE INVENTORY AND PRODUCTION OF HONEY BY TYPE 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	7,894	37,622	7,757	1.45	37,354	*	*	*	*	*	*
Tigray	221	874	221	1.24	874	-	-	-	-	-	-
Amhara	1,327	10,438	1,255	1.7	10,402	*	*	*	-	-	-
Oromia	5,356	19,179	5,292	1.35	18,972	*	-	-	*	*	*
Benshangul-Gumuz	180	358	180	1	358	-	-	-	-	-	-
SNNP	811	6,773	809	1.87	6,748	*	*	*	-	-	-

TABLE 4-12: NUMBER OF DAIRY ANIMALS, MILK PRODUCTION, AND LACTATION PERIOD BY 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	3,952	10,193	1.565	5	3,113,945	-	-	-	-	-
Tigray	443	4,712	1.877	5	1,765,137	-	-	-	-	-
Amhara	233	2,170	1.519	5	522,184	-	-	-	-	-
Oromia	1,118	1,662	1.43	5	451,021	-	-	-	-	-
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-
SNNP	2,159	1,649	1.144	5	375,604	-	-	-	-	-

TABLE 4-13: TOTAL EGG PRODUCTION BY REGION

a. Indigenous

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	43,588	4	20	12	256,339
Tigray	2,642	5	18	13	20,556
Amhara	5,645	4	18	12	36,724
Oromia	26,794	3	22	12	152,632
Benshangul-Gumuz	59	4	23	12	328
SNNP	8,449	4	18	11	46,099

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	2,420	5	24	20	25,452
Tigray	594	5	16	16	6,228
Amhara	446	6	21	18	8,413
Oromia	1,111	4	24	19	8,523
Benshangul-Gumuz	*	3	19	12	4
SNNP	268	4	54	41	2,284

c. Exotic

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	3,617	1	55	56	30,387
Tigray	60	1	*	*	*
Amhara	154	1	*	*	*
Oromia	3,379	1	53	56	29,120
Benshangul-Gumuz	-	-	-	-	-
SNNP	24	1	*	*	*

TABLE 4 – 14: ESTIMATED NUMBER OF VACCINATED, AFFLICTED AND TREATED LIVESTOCK

a. Cattle

Geographic Area	Vaccinated	Afflicted	Treated
Ethiopia	64,117	32,481	21,063
Tigray	4,955	2,281	991
Amhara	5,757	2,767	870
Oromia	41,156	16,144	11,217
Benshangul-Gumuz	-	*	-
SNNP	12,249	11,284	7,985

b. Sheep and Goats

Geographic Area	Sheep			Goats		
	Vaccinated	Afflicted	Treated	Vaccinated	Afflicted	Treated
Ethiopia	1,702	5,068	2,090	49,659	66,362	30,056
Tigray	*	*	*	1,333	2,560	1,437
Amhara	*	*	-	1,509	2,355	*
Oromia	1,455	4,063	1,746	46,354	59,308	27,844
Benshangul-Gumuz	-	46	-	-	84	-
SNNP	171	534	277	462	2,054	380

TABLE 4 – 15: ESTIMATED NUMBER OF HOLDERS PRACTICED LIVESTOCK EXTENSION PACKAGES DURING THE REFERENCE PERIOD BY 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	234	44	1,041	23	35
Tigray	234	17	2	-	35
Amhara	-	-	-	-	-
Oromia	-	27	986	17	-
Benshangul-Gumuz	-	-	-	-	-
SNNP	-	-	52	6	-

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	40,380,098	539,359	1.34	20,733,913	588,980	2.84	16,364,048	456,168	2.79
Tigray	2,646,240	98,162	3.71	814,472	69,390	8.52	2,412,633	157,828	6.54
Afar	317,108	50,808	16.02	156,880	30,498	19.44	411,047	71,523	17.40
Amhara	10,090,283	267,850	2.65	7,530,899	442,942	5.88	4,866,244	266,008	5.47
Oromia	18,293,462	409,255	2.24	8,094,017	353,127	4.36	5,469,074	251,783	4.60
Somali	520,902	51,259	9.84	594,289	75,482	12.7	668,619	81,973	12.26
Benshangul-Gumuz	350,393	33,315	9.51	68,982	7,424	10.76	314,338	22,300	7.09
SNNP	8,059,610	188,916	2.34	3,404,648	119,955	3.52	2,061,136	190,541	9.24
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	37,395	3,715	9.94	4,501	538	11.95	32,782	2,626	8.01
Addis Ababa	26,266	1,446	5.51	11,052	834	7.54	4,079	469	11.50
Dire Dawa	38,439	3,779	9.83	54,173	10,630	19.62	124,094	19,476	15.69

Annex Table 1-Cont'd

Geographic Area	HORSES			DONKEYS			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	1,569,350	83,447	5.32	4,289,344	78,461	1.83	340,636	15,090	4.43	437,606	51,332	11.73
Tigray	1,894	541	28.58	389,556	16,107	4.13	7,901	1,536	19.44	33,761	6,509	19.28
Afar	-	-	-	12,834	2,325	18.12	150	66	43.8	112,131	27,507	24.53
Amhara	289,895	32,828	11.32	1,517,152	45,662	3.01	102,580	9,273	9.04	14,678	2,982	20.32
Oromia	969,070	71,017	7.33	1,914,442	58,524	3.06	166,984	11,033	6.61	121,970	26,936	22.08
Somali	70	69	99.42	89,337	9,979	11.17	-	-	-	145,073	33,121	22.83
Benshangul-Gumuz	881	581	65.95	39,925	2,902	7.27	1,501	350	23.33	-	-	-
SNNP	307,104	29,010	9.45	302,951	16,449	5.43	61,135	4,183	6.84	1,763	1,216	68.93
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	6,985	970	13.89	20	22	107.02	1,820	1,001	55.01
Addis Ababa	437	74	16.84	6,078	312	5.13	364	75	20.72	-	-	-
Dire Dawa	-	-	-	10,083	1,293	12.83	-	-	-	6,409	1,462	22.8

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	1,850,628	37,829	2.04	1,530,558	31,314	2.05	2,799,692	51,962	1.86	11,255,560	148,363	1.32	677,523	32,910	4.86
Tigray.....	120,646	7,706	6.39	88,905	5,588	6.29	185,054	9,623	5.20	821,940	24,858	3.02	83,755	8,191	9.78
Afar	16,041	2,791	17.4	13,008	2,041	15.69	13,978	2,415	17.28	26,990	4,180	15.49	1,579	680	43.06
Amhara	396,128	18,529	4.68	280,998	14,023	4.99	689,697	27,966	4.05	3,518,282	82,250	2.34	310,473	21,183	6.82
Oromia	855,525	28,357	3.31	749,202	24,915	3.33	1,274,636	38,396	3.01	5,121,609	112,104	2.19	243,309	23,347	9.60
Somali	42,696	5,384	12.61	21,108	3,311	15.69	34,610	5,077	14.67	73,522	6,499	8.84	2,138	1,704	79.68
Benshangul-Gumuz	18,849	2,681	14.22	16,450	1,610	9.79	28,565	3,586	12.55	90,803	8,195	9.02	3,397	935	27.52
SNNP	395,420	13,416	3.39	356,417	10,681	3.00	563,649	17,495	3.10	1,580,864	43,959	2.78	31,783	4,232	13.31
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	2,268	321	14.14	1,907	282	14.80	3,748	401	10.70	5,523	944	17.09	22	21	97.66
Addis Ababa	620	73	11.82	787	89	11.27	1,613	143	8.88	10,695	795	7.43	1,067	164	15.35
Dire Dawa.....	2,435	359	14.73	1,776	256	14.42	4,141	650	15.69	5,333	666	12.49	-	-	-

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	1,951,981	40,738	2.09	1,646,888	35,185	2.14	3,503,410	63,040	1.8	14,518,097	220,131	1.52	645,762	27,817	4.31
Tigray.....	135,461	8,142	6.01	87,072	6,448	7.41	195,022	11,490	5.89	870,034	35,714	4.1	58,349	6,425	11.01
Afar	27,369	5,023	18.35	24,780	4,585	18.5	33,779	6,626	19.62	156,106	25,549	16.37	3,477	1,316	37.83
Amhara	421,091	19,614	4.66	307,967	15,692	5.1	760,561	28,070	3.69	3,207,410	97,997	3.06	197,676	15,332	7.76
Oromia	896,051	30,951	3.45	797,365	27,859	3.49	1,606,845	47,890	2.98	6,507,287	169,702	2.61	241,634	15,927	6.59
Somali	50,379	6,044	12	23,991	3,910	16.3	47,403	7,443	15.7	219,995	18,928	8.6	5,059	1,681	33.22
Benshangul-Gumuz	17,096	2,630	15.38	17,859	1,982	11.1	36,495	4,354	11.93	116,908	10,539	9.02	3,972	1,166	29.36
SNNP	398,693	13,478	3.38	383,782	11,563	3.01	812,413	25,325	3.12	3,402,020	87,479	2.57	134,569	15,421	11.46
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	2,574	353	13.71	1,556	185	11.9	4,329	587	13.55	15,025	1,677	11.16	443	186	41.91
Addis Ababa	706	88	12.46	1,004	99	9.9	1,639	145	8.83	7,888	425	5.39	246	63	25.59
Dire Dawa.....	2,561	414	16.17	1,512	214	14.14	4,923	811	16.48	15,425	1,508	9.78	335	120	35.77

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

Male Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,899,058	90,523	3.12	808,350	29,458	3.64	655,957	38,336	5.84	976,144	48,822	5.00
Tigray	99,268	9,902	9.98	37,262	3,883	10.42	24,696	3,722	15.07	47,338	6,037	12.75
Afar	11,061	1,860	16.82	8,193	1,546	18.87	6,644	1,318	19.84	13,698	2,833	20.68
Amhara	999,291	61,695	6.17	258,999	20,080	7.75	246,990	33,812	13.69	414,224	39,390	9.51
Oromia	1,283,986	62,627	4.88	335,138	18,908	5.64	237,033	15,086	6.36	280,885	23,497	8.37
Somali	68,604	9,372	13.66	25,350	4,970	19.61	27,461	6,226	22.67	56,061	9,378	16.73
Benshangul-Gumuz	10,084	1,001	9.93	4,468	594	13.29	3,276	642	19.61	3,185	651	20.43
SNNP	419,272	16,583	3.96	134,900	7,984	5.92	106,057	6,610	6.23	155,971	12,068	7.74
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	381	97	25.40	205	57	28.00	410	120	29.19	442	118	26.66
Addis Ababa	1,463	154	10.56	460	85	18.46	298	74	24.94	512	92	17.96
Dire Dawa	5,648	769	13.61	3,374	870	25.80	3,093	529	17.11	3,827	1,185	30.95

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	3,062,854	97,458	3.18	1,162,154	38,694	3.33	1,539,091	50,352	3.27	9,630,305	283,121	2.94
Tigray	91,492	9,224	10.08	55,090	6,146	11.16	73,123	8,681	11.87	386,202	32,974	8.54
Afar	19,105	4,029	21.09	16,693	4,189	25.09	19,735	5,285	26.78	61,750	11,284	18.27
Amhara	1,071,340	65,737	6.14	374,119	25,180	6.73	534,736	36,464	6.82	3,631,200	217,311	5.98
Oromia	1,302,374	67,035	5.15	465,863	25,883	5.56	568,169	28,795	5.07	3,620,568	165,412	4.57
Somali	69,414	12,759	18.38	33,187	5,423	16.34	49,308	9,138	18.53	264,906	33,386	12.6
Benshangul-Gumuz	9,287	1,382	14.88	4,870	773	15.87	5,930	725	12.23	27,881	3,656	13.11
SNNP	491,412	20,381	4.15	206,738	10,241	4.95	282,377	13,722	4.86	1,607,921	56,657	3.52
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	663	163	24.61	152	60	39.47	410	97	23.56	1,839	269	14.61
Addis Ababa	1,528	146	9.54	832	123	14.78	704	105	14.94	5,254	408	7.76
Dire Dawa	6,238	1,216	19.5	4,609	1,727	37.47	4,599	964	20.96	22,785	4,362	19.15

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	2,119,349	60,194	2.84	865,829	31,871	3.68	726,051	30,896	4.26	1,223,235	52,098	4.26
Tigray.....	258,379	17,597	6.81	127,825	10,543	8.25	105,379	9,647	9.15	186,285	17,285	9.28
Afar	28,774	4,221	14.67	20,701	3,622	17.49	18,567	3,382	18.21	33,743	7,331	21.73
Amhara	668,964	40,009	5.98	246,445	19,075	7.74	219,370	18,259	8.32	441,184	34,390	7.79
Oromia	779,425	36,758	4.72	300,415	17,804	5.93	232,761	15,103	6.49	321,053	24,216	7.54
Somali	63,891	7,612	11.91	33,002	5,512	16.7	36,381	8,163	22.44	67,420	11,879	17.62
Benshangul-Gumuz	49,436	3,799	7.68	19,295	1,938	10.04	13,019	1,036	7.96	14,531	1,077	7.41
SNNP	251,358	16,339	6.5	110,990	13,261	11.95	93,039	14,830	15.94	150,561	21,145	14.04
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	4,347	540	12.43	2,047	277	13.51	2,264	355	15.7	1,060	198	18.66
Addis Ababa	689	130	18.86	242	59	24.43	150	39	25.95	138	41	29.67
Dire Dawa.....	14,085	2,093	14.86	4,868	743	15.26	5,120	900	17.58	7,261	1,808	24.89

Annex Table 4 – Cont'd

Female Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	2,251,631	66,176	2.94	1,144,709	42,427	3.71	1,366,362	52,159	3.82	6,666,882	184,886	2.77
Tigray.....	293,359	19,841	6.76	200,131	18,523	9.26	246,903	26,146	10.59	994,373	59,477	5.98
Afar	54,293	9,812	18.07	44,002	8,557	19.45	45,327	9,078	20.03	165,641	29,538	17.83
Amhara	686,406	41,108	5.99	303,212	22,684	7.48	365,241	25,790	7.06	1,935,423	103,476	5.35
Oromia	812,569	41,125	5.06	364,459	21,958	6.02	422,243	24,261	5.75	2,236,149	110,714	4.95
Somali	76,933	9,653	12.55	45,500	6,151	13.52	61,086	10,238	16.76	284,406	32,493	11.42
Benshangul-Gumuz	47,047	4,247	9.03	25,682	2,290	8.92	31,039	3,351	10.8	114,290	7,650	6.69
SNNP	261,199	19,808	7.58	149,985	18,453	12.3	176,776	23,948	13.55	867,228	74,989	8.65
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	4,315	464	10.75	2,133	320	14.99	2,687	330	12.27	13,929	1,178	8.45
Addis Ababa	806	128	15.94	268	73	27.08	200	48	24.17	1,586	185	11.7
Dire Dawa.....	14,704	2,098	14.27	9,337	1,817	19.46	14,860	3,337	22.46	53,858	8,298	15.41

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	164,853	11,314	6.86	598,085	31,822	5.32	174,361	12,849	7.37	632,052	37,315	5.9
Tigray.....	155	85	55.24	841	327	38.87	330	186	56.38	569	217	38.19
Afar	-	-	-	-	-	-	-	-	-	-	-	-
Amhara	27,691	3,919	14.15	105,195	13,693	13.02	30,760	5,266	17.12	126,250	16,142	12.79
Oromia	108,115	9,939	9.19	370,656	26,522	7.16	112,117	11,060	9.86	378,182	30,546	8.08
Somali	70	69	99.42	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	74	71	95.61	450	310	68.84	209	149	71.58	148	139	93.98
SNNP	28,730	3,722	12.95	120,555	11,022	9.14	30,936	3,873	12.52	126,883	14,097	11.11
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	-	-	-	-	-	-	-	-	-
Addis Ababa	20	13	64.49	387	65	16.89	10	6	62.64	20	9	43.6
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	506,931	16,096	3.18	1,456,784	39,926	2.74	501,914	15,831	3.15	1,823,714	41,746	2.29
Tigray.....	41,186	3,105	7.54	162,292	11,569	7.13	39,318	3,513	8.93	146,760	9,246	6.30
Afar	1,096	238	21.70	5,112	999	19.55	1,299	295	22.69	5,327	1,040	19.53
Amhara	199,610	10,274	5.15	397,342	24,375	6.13	221,069	11,137	5.04	699,131	24,689	3.53
Oromia	224,020	11,583	5.17	702,327	28,098	4.00	201,792	10,235	5.07	786,303	30,447	3.87
Somali	11,071	1,690	15.26	36,247	5,295	14.61	8,462	1,297	15.33	33,557	3,586	10.69
Benshangul-Gumuz	4,630	497	10.73	22,084	2,403	10.88	2,493	270	10.84	10,718	1,011	9.43
SNNP	23,325	2,540	10.89	119,939	6,409	5.34	25,942	2,749	10.60	133,745	10,239	7.66
Gambella.....												
Harari	680	195	28.71	3,441	641	18.63	388	122	31.34	2,475	478	19.30
Addis Ababa	265	67	25.08	4,933	345	6.99	129	37	28.34	750	110	14.72
Dire Dawa.....	1,046	251	24.03	3,067	472	15.39	1,022	260	25.44	4,948	749	15.14

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	19,385	2,586	13.34	145,122	8,360	5.76	21,735	2,609	12.00	154,394	8,421	5.45
Tigray.....	75	27	36.04	4,107	1,024	24.93	-	-	-	3,719	850	22.85
Afar	-	-	-	68	38	55.35	-	-	-	82	57	69.85
Amhara	6,970	1,695	24.32	38,820	5,111	13.17	8,260	1,480	17.92	48,529	5,108	10.53
Oromia	8,058	1,765	21.91	68,630	5,877	8.56	10,546	2,079	19.71	79,752	6,323	7.93
Somali	-	-	-	-	-	-	-	-	-	-	-	-
Benshangul-Gumuz	-	-	-	527	168	31.98	29	25	87.05	946	271	28.66
SNNP	4,262	836	19.62	32,641	2,856	8.75	2,900	541	18.66	21,331	2,011	9.43
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	-	-	-	20	22	107.02	-	-	-	-	-	-
Addis Ababa	21	15	71.51	308	62	20.23	-	-	-	35	23	64.07
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	57,373	7,373	12.85	121,919	11,739	9.63	61,828	11,227	18.16	196,487	26,808	13.64
Tigray.....	2,045	828	40.49	31,717	6,154	19.4	-	-	-	-	-	-
Afar	10,533	2,958	28.08	17,698	3,562	20.13	22,064	6,536	29.62	61,836	15,847	25.63
Amhara	3,760	1,335	35.5	9,628	2,155	22.38	-	-	-	1,289	729	56.54
Oromia	21,233	4,390	20.67	20,458	5,012	24.5	15,973	5,283	33.08	64,306	15,554	24.19
Somali	17,668	4,857	27.49	39,669	7,558	19.05	22,038	7,424	33.69	65,698	14,982	22.8
Benshangul-Gumuz	-	-	-	-	-	-	-	-	-	-	-	-
SNNP	450	391	86.92	769	431	56.05	394	390	99.09	150	149	99.15
Gambella.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	361	191	52.88	144	112	78.02	358	213	59.4	958	518	54.14
Addis Ababa	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa.....	1,322	319	24.13	1,836	415	22.62	1,001	324	32.33	2,250	591	26.25

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	32,222,477	477,937	1.48	3,383,645	57,587	1.7	1,478,202	43,571	2.95	2,981,903	75,253	2.52	1,137,468	43,337	3.81	12,590,344	261,403	2.08	10,650,915	147,187	1.38
Tigray	3,145,000	122,885	3.91	265,666	12,533	4.72	212,937	15,070	7.08	364,876	23,712	6.5	146,252	12,607	8.62	1,295,519	74,331	5.74	859,751	29,281	3.41
Afar	49,429	7,749	15.68	4,986	803	16.11	2,999	619	20.66	3,899	748	19.17	3,658	815	22.27	19,088	3,768	19.74	14,800	2,326	15.71
Amhara	9,428,820	320,420	3.4	1,047,415	39,475	3.77	385,759	28,349	7.35	865,090	45,012	5.2	325,428	25,506	7.84	3,711,700	180,338	4.86	3,093,429	86,245	2.79
Oromia	12,331,362	294,096	2.38	1,401,432	36,379	2.6	525,585	24,865	4.73	1,066,906	49,548	4.64	499,885	31,059	6.21	4,483,271	151,103	3.37	4,354,283	106,036	2.44
Somali	92,489	20,780	22.47	14,590	4,373	29.97	4,371	1,338	30.62	7,489	2,019	26.95	4,685	1,391	29.68	22,879	5,851	25.57	38,475	9,470	24.61
Benshangul-Gumuz	635,906	22,562	3.55	56,697	2,726	4.81	38,924	3,214	8.26	62,804	3,081	4.91	12,899	1,812	14.05	312,433	12,768	4.09	152,150	5,689	3.74
SNNP	6,434,828	152,095	2.36	580,075	15,796	2.72	302,593	15,377	5.08	601,511	24,593	4.09	140,877	9,867	7.0	2,717,926	85,069	3.13	2,091,847	44,622	2.13
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	33,329	3,255	9.77	3,926	426	10.84	2,320	554	23.88	2,985	534	17.9	783	266	34	11,565	1,535	13.28	11,750	1,055	8.98
Addis Ababa	22,156	1,708	7.71	3,175	377	11.89	698	142	20.4	1,251	192	15.33	692	141	20.44	5,642	736	13.04	10,698	671	6.27
Dire Dawa	49,157	3,798	7.73	5,685	697	12.25	2,017	370	18.36	5,091	683	13.41	2,310	763	33.02	10,322	1,206	11.68	23,733	2,183	9.2

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

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Ethiopia	4,020,410	137,751	3.43	3,965,494	137,291	3.46	18,713	4,792	25.61	36,202	6,432	17.77
Tigray	182,562	14,432	7.91	166,177	13,877	8.35	1,444	672	46.52	14,942	3,375	22.59
Afar	447	192	42.88	447	192	42.88	-	-	-	-	-	-
Amhara	792,988	55,696	7.02	781,354	55,181	7.06	6,793	2,740	40.33	4,842	1,584	32.72
Oromia	2,161,124	103,790	4.80	2,145,912	103,786	4.84	3,021	1,139	37.69	12,191	4,882	40.04
Somali	6,055	4,005	66.14	6,055	4,005	66.14	-	-	-	-	-	-
Benshangul-Gumuz	154,009	24,549	15.94	153,767	24,560	15.97	-	-	-	242	179	73.78
SNNP	721,503	65,375	9.06	710,079	64,964	9.15	7,445	3,703	49.73	3,978	1,898	47.71
Gambella	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Harari	596	162	27.10	596	162	27.10	-	-	-	-	-	-
Addis Ababa	391	118	30.05	373	113	30.40	10	9	86.28	8	9	117.06
Dire Dawa	734	220	29.95	734	220	29.95	-	-	-	-	-	-

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 2005/06 (1998 E.C.), Livestock Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	930	929
	Central Tigray	40	40	1200	1196
	Eastern Tigray	29	29	870	870
	Southern Tigray	40	40	1200	1198
	Western Tigray	25	25	750	749
	Region Total	**165**	**165**	**4950**	**4942**
Afar	Zone One	24	19	720	555
	Zone Three	24	24	720	717
	Region Total	**48**	**43**	**1440**	**1272**
Amhara	North Gonder	44	44	1320	1315
	South Gonder	44	44	1320	1316
	North Welo	46	46	1380	1379
	South Welo	48	48	1440	1438
	North Shewa	40	39	1200	1170
	East Gojam	48	47	1440	1408
	West Gojam	48	48	1440	1438
	Waghamera	28	27	840	810
	Awi	32	32	960	959
	Oromia	28	27	840	807
	Region Total	**406**	**402**	**12180**	**12040**
Oromia	West Wellega	42	42	1260	1257
	East Wellega	45	45	1350	1350
	Illubabor	36	36	1080	1079
	Jimma	48	48	1440	1440
	West Shewa	42	42	1260	1260
	North Shewa	34	34	1020	1019
	East Shewa	44	44	1320	1318
	Arsi	46	46	1380	1378
	West Harerghe	40	40	1200	1199
	East Harerghe	44	44	1320	1316
	Bale	40	40	1200	1191
	Borena	36	36	1080	1075
	South West Shewa	40	40	1200	1200
	Guji	36	36	1080	1076
	Region Total	**573**	**573**	**17190**	**17158**

APPENDIX-I (a) (Continued…)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	600	583
	Jijiga	28	28	840	824
	Liben	24	24	720	677
	Region Total	**72**	**72**	**2160**	**2084**
Benishangul-Gumuz	Metekel	28	26	840	779
	Asosa	28	28	840	839
	Kemeshi	24	24	720	718
	Region Total	**80**	**78**	**2400**	**2336**
SNNP	Gurage	38	38	1140	1140
	Hadiya	34	34	1020	1020
	Kembata Tambaro	33	33	990	986
	Sidama	44	44	1320	1320
	Gedio	34	34	1020	1015
	Wolayita	40	40	1200	1199
	South Omo	33	33	990	986
	Shaka	24	24	720	716
	Kaffa	36	36	1080	1075
	Gamo Gofa	40	40	1200	1198
	Bench Maji	32	31	960	925
	Yem Special Wereda	20	20	600	599
	Amaro Special Wereda	20	20	600	600
	Burji Special Wereda	20	20	600	600
	Konso Special Wereda	20	20	600	599
	Derashe Special Wereda	20	20	600	600
	Dawro	32	32	960	958
	Basketo Special Wereda	20	20	600	599
	Konta Special Wereda	20	20	600	600
	Siltie	32	32	960	958
	Alaba Special Wereda	20	20	600	600
	Region Total	**612**	**611**	**18360**	**18293**
Harari	**Harari**	24	24	720	720
Addis Ababa	**Addis Ababa**	20	20	600	598
Dire Dawa	**Dire Dawa**	24	24	720	715
Country Total		**2024**	**2012**	**60720**	**60158**

APPENDIX-I(b). Number of Planned and Actually Covered Sampling Units (Resettlement localities & Households) of the 2005/06 (1998 E.C.), Livestock Sample Survey

Region	Stratum	Resettlement localities		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	2	2	60	60
	Western Tigray	32	32	960	952
	Region Total	**34**	**34**	**1020**	**1012**
Amhara	North Gonder	32	31	960	915
	Awi	2	2	60	60
	Region Total	**34**	**33**	**1020**	**975**
Oromia	West Wellega	39	39	1170	1169
	East Wellega	21	21	630	625
	Illubabor	40	40	1200	1198
	Jimma	6	6	180	178
	West Shewa	4	4	120	120
	Bale	10	10	300	287
	Guji	6	6	180	180
	Region Total	**126**	**126**	**3780**	**3757**
Benishangul-Gumuz	Asosa	2	2	60	60
	Region Total	**2**	**2**	**60**	**60**
SNNP	Gurage	4	4	120	77
	Wolayita	3	3	90	90
	South Omo	7	7	210	206
	Kaffa	8	8	240	234
	Gamo Gofa	10	10	300	300
	Bench Maji	5	5	150	144
	Amaro Special Wereda	3	3	90	72
	Dawro	4	4	120	119
	Basketo Special Wereda	5	5	150	148
	Konta Special Wereda	5	5	150	150
	Region Total	**54**	**54**	**1620**	**1540**
Country Total		**250**	**249**	**7500**	**7344**

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 – 98/7

Annual Agricultural Sample Survey

Livestock and Beehives Population - 2005/06 (1998 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, 2005?

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

Number of Cattle by Age and Purpose on Feb 10, 2005

	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, 2005

	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, 2005

	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 – 98/7 Cont'd

Number of Horses, Mules, Donkeys and Camels by age and Purpose on Nov 10, 2005

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, 2005		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, 2004 to Nov 10, 2005)? **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						

Form ASS – 98/7 Cont'd

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		
		Total Vaccinated			Vaccinated against														
					Anthrax			Blackleg			Pleuro-Pneumonia			Hemorrhagic Septicemia			Others		
Sr. No.	Livestock Type	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																		

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

Corrigendum

[*For the previous year report*]

In the previous year report (Statistical Bulletin 331 Volume II, Report on Livestock and Livestock Characteristics); the column titles “Meat” and “Milk” under Female Goats on pages 51 and 52 were interchanged. We express regret for the oversight and beware that the figures under “Meat” were for “Milk” and viseversa.