

CHAPTER VII
SIZE, CHARACTERISTICS AND PURPOSE OF LIVESTOCK
AND USE OF LIVESTOCK PRODUCTS

1. INTRODUCTION

Ethiopia is one of the most populous countries in Africa, having an estimated population of about 67.2 million in July 2002 with annual growth rate of 2.9%. This growing population demands much better economic performance than in the past, at least to ensure food security and other basic needs. The dominant economic feature of the country is the agriculture sector of which livestock is a very important and essential component. The highlanders raise livestock together with crop cultivation for their livelihood whereas the lowlanders or the ‘pastoralists’ subsistence is based mainly on livestock and livestock products. Consequently, the government should give due attention to this sector in order to take advantage of its contribution to the economic growth and as a result to meet the needs of the expanding population.

The livestock sector has been contributing significant portion to the economy of Ethiopia, but still has great potential to assist the economic development of this country. It is well known that livestock products and byproducts 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 small holdings 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.

By virtue of the important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is vital. 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 more often than not using surveys and censuses. The Central Statistical Authority (CSA) has been generating livestock data through sample surveys since 1981 (1973 E.C.). However, based on the results of these surveys, CSA was not able to satisfy the growing demand of the data users regarding the sector. Realizing this fact, CSA proposed and conducted the first agricultural census in the year 2001/02.

As mentioned earlier in Chapter II, agricultural censuses are classified into two categories: censuses conducted by complete enumeration or conducted by sample enumeration. In agricultural censuses conducted by complete enumeration, data are collected from all holders and the result for each variable is obtained by totaling the values of the respective variable from all holders. On the other hand, agricultural censuses conducted based on sample enumeration are probability sample surveys for which a sample is selected and the method of estimation for each census variable permits establishing its statistical precision. Therefore, conducting complete enumeration is more expensive, time consuming and requires large number of personnel. Likewise, quantity of data to be processed is very large (FAO, 1996). By considering these realities and the economic condition of the country, the sample enumeration was favored.

The livestock census was carried out as part of the agricultural census. The general objective of the livestock census is to establish benchmark 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 the livestock in rural and urban areas at wereda level, and to provide estimates on size and characteristics of livestock for pastoral areas and commercial farms. 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; livestock product utilization; and animal feed were collected from sampled agricultural households in rural and urban areas as well as from all commercial farms. In addition, these same data will be collected from pastoral areas in the near future.

The expected users of these data are government organizations involved in planning purposes, individuals or firms raising livestock, non-governmental organizations that provide technical and financial assistance, international organizations which are interested in livestock, and research organizations.

In this chapter of the report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, asses and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households both in rural and urban areas as to the reference date (February 8,2002) and reference period (February 9,2001 to February 8, 2002). Thus, the results obtained from the livestock census for the rural and urban areas of the region as well as brief discussions made on the results are presented in this chapter. Also the census results at zonal and wereda levels are presented in statistical Tables 7.1–7.36. Moreover, the estimates, standard errors (SE), and coefficients of variation (CV) are given in Annex Tables 7.1-7.10 for some relevant variables.

2. LIVESTOCK NUMBER BY BREED, AGE, SEX, AND PURPOSE

This livestock census is the first of its kind in the nation to supply data on the size and characteristics of livestock for rural and urban areas and commercial farms at wereda level, and also for pastoral areas though the census not yet conducted. The livestock census that was carried-out in Benshangul-Gumuz Region was part of the national census and covered both rural and urban areas of the region on sample basis. Commercial farms that are found in the region were also covered on complete enumeration basis though the results are not presented here.

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 (February 8, 2002), irrespective of ownership, were recorded by interviewing each holder in the sampled agricultural households both in rural and urban areas of the region. The numbers also include the livestock belonging to the holding but temporarily away or in transit at the time of the enumeration.

2.1 Cattle

The estimates of cattle for rural and urban areas in Benshangul-Gumuz Region are presented in Summary Table VII.1. As shown on the table, the total cattle population for the region is estimated to be 309,627. Out of this total cattle population, the female cattle constitute about 56.2 percent (174,119) and the remaining 43.8 percent (135,508) are male cattle. The majority (92.6 percent) of the cattle population is found in rural areas, while small proportion is accounted for urban areas (7.4 percent).

Regarding age groups, the majority of the cattle population (that is about 58.4 percent) is in the 3 years and under 10 years age category, with about 24.3 percent male and about 34.1 percent female. Moreover, about 39.4 percent are under three years and small portion, which is 2.2 percent, is over 10 years (also see Fig VII.1).

On the other hand, according to the results obtained, it can be said that almost no hybrid and exotic breeds are reported in the region and that virtually means all cattle in the region are local breeds.

The distribution of cattle by purpose is indicated in the same table. Among cattle aged three years and under ten years, those used for draught purposes accounted for 38.3 percent and the percentage share of beef cattle is the lowest that is about one percent.

SUMMARY TABLE VII.1: Estimated Number of Cattle by Sex, Age, Breed, and Purpose for Rural and Urban Holdings

Age, Breed, and Purpose	Cattle on Both Rural and Urban Holdings						Cattle on Rural Holdings						Cattle on Urban Holdings					
	Total		Male		Female		Total		Male		Female		Total		Male		Female	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total.....	309,627	100.0	135,508	43.8	174,119	56.2	286,736	92.6	126,516	40.9	160,220	51.7	22,891	7.4	8,992	2.9	13,899	4.5
Under 6 months	32,585	10.5	15,512	5.0	17,073	5.5	29,857	9.6	14,278	4.6	15,579	5.0	2,728	0.9	1,234	0.4	1,494	0.5
6 months - under 1 year.....	31,664	10.2	15,300	4.9	16,364	5.3	28,966	9.4	13,903	4.5	15,063	4.9	2,698	0.9	1,397	0.5	1,301	0.4
1 year - under 3 years.....	57,743	18.6	27,173	8.8	30,570	9.9	53,060	17.1	24,798	8.0	28,262	9.1	4,683	1.5	2,375	0.8	2,308	0.7
3 years – under 10 years.....	180,811	58.4	75,211	24.3	105,600	34.1	168,259	54.3	71,299	23.0	96,960	31.3	12,552	4.1	3,912	1.3	8,640	2.8
10 years and older	6,824	2.2	2,312	0.7	4,512	1.5	6,594	2.1	2,238	0.7	4,356	1.4	230	0.1	74	0.0	156	0.1
Cattle by Breed																		
Total.....	309,627	100.0	135,508	43.8	174,119	56.2	286,736	92.6	126,516	40.9	160,220	51.7	22,891	7.4	8,992	2.9	13,899	4.5
Indigenous	309,576	100.0	135,485	43.8	174,091	56.2	286,692	92.6	126,497	40.9	160,195	51.7	22,884	7.4	8,988	2.9	13,896	4.5
Hybrid.....	5	0.0			5	0.0	*	*			*	*						
Exotic.....	46	0.0	22	0.0	24	0.0	*	*	*	*	*	*	8	0.0	4	0.0	4	0.0
Aged 3 – 10 Years by Purpose																		
Total.....	180,811	100.0	75,211	41.6	105,600	58.4	168,259	93.1	71,299	39.4	96,960	53.6	12,552	6.9	3,912	2.2	8,640	4.8
Used for Milk	66,031	36.5			66,031	36.5	60,550	33.5			60,550	33.5	5,481	3.0			5,481	3.0
Used for Draught.....	69,318	38.3	67,553	37.4	1,765	1.0	65,743	36.4	64,174	35.5	1,569	0.9	3,575	2.0	3,379	1.9	196	0.1
Used for Beef.....	1,897	1.0	1,289	0.7	608	0.3	1,823	1.0	1,243	0.7	580	0.3	74	0.0	46	0.0	28	0.0
Used for Breeding	39,477	21.8	4,676	2.6	34,801	19.2	36,411	20.1	4,305	2.4	32,106	17.8	3,066	1.7	371	0.2	2,695	1.5
Used for Other	4,087	2.3	1,693	0.9	2,394	1.3	3,731	2.1	1,577	0.9	2,154	1.2	356	0.2	116	0.1	240	0.1
Dairy Animals																		
Dairy Cows.....	66,031	100.0			66,031	100.0	60,550	91.7			60,550	91.7	5,481	8.3			5,481	8.3
Milking Cows.....	62,929	100.0			62,929	100.0	55,926	88.9			55,926	88.9	7,003	11.1			7,003	11.1

FIGURE VII.1 DISTRIBUTION OF CATTLE BY AGE AND SEX

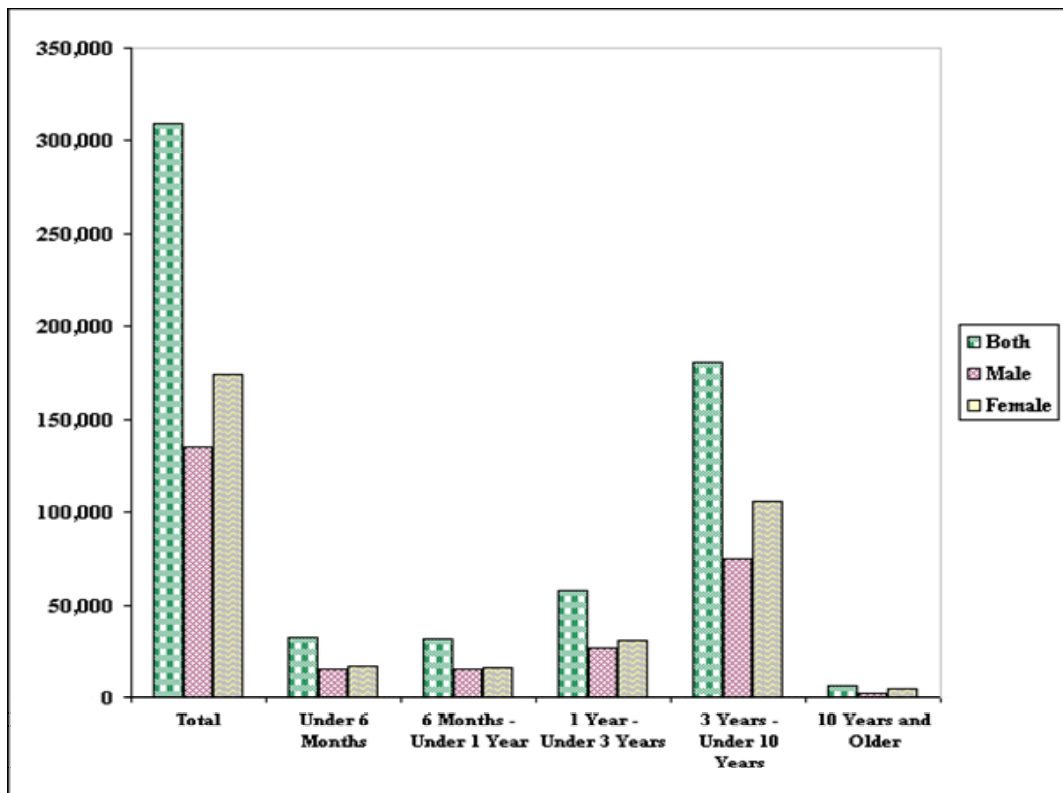
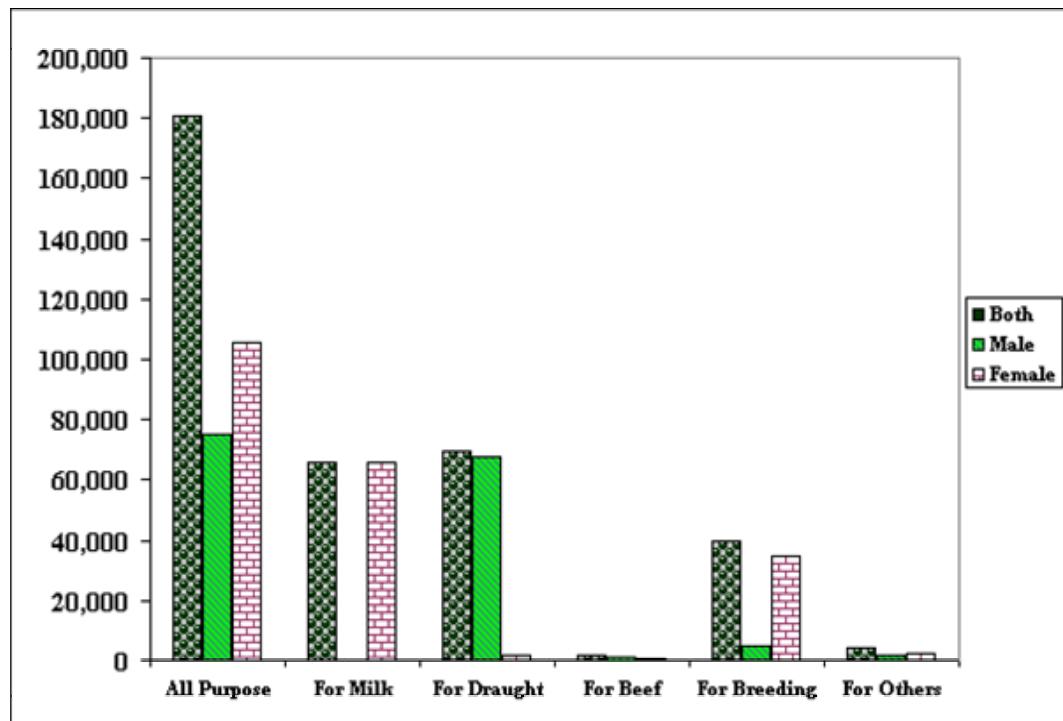


FIGURE VII.2 DISTRIBUTION OF CATTLE AGED 3 AND UNDER 10 YEARS BY PURPOSE AND SEX



Beef cattle here refer to all cattle reared exclusively for meat that is used either for home consumption or for sale. Further, the number of dairy-cows¹ is estimated to be about 66,031 and milking-cows² are about 62,929 (See Fig. VII.2).

As to zonal level cattle distribution, Metekel Zone contributes the largest share, that is 62.6 percent, and the remaining 26.5 percent and 10.9 percent are accounted for Asosa and Kemeshi Zones, respectively. Moreover, cattle population by sex, age, breed, and purpose are estimated for each wereda in each zone and presented in the Statistical Tables given at the end of this chapter.

2.2 Sheep And Goats

The estimated numbers and percentage distributions of sheep and goats for rural and urban areas are given in Summary Table VII.2. As pointed out in this table, about 58,767 sheep are estimated to be found in the region, out of which about 71.2 percent are females, and about 28.8 percent are males. Moreover, according to the census result, large number of goats is reported in the region, and it is estimated to be about 200,470. Out of these total goats, 72.5 percent are females and 27.5 percent are males (See Fig. VII.3).

Among these totals reported in the region, 89.4 percent of the sheep and 98.4 percent of the goats are found in the rural areas. Urban areas accounted for only 10.6 percent and 1.6 percent of the sheep and goats, respectively.

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 (44.1 percent and 42.7 percent, in that order), followed by the young stock under six months for both male sheep and male goats, that is 27.9 percent and 26.5 percent, respectively (See Figure VII.3).

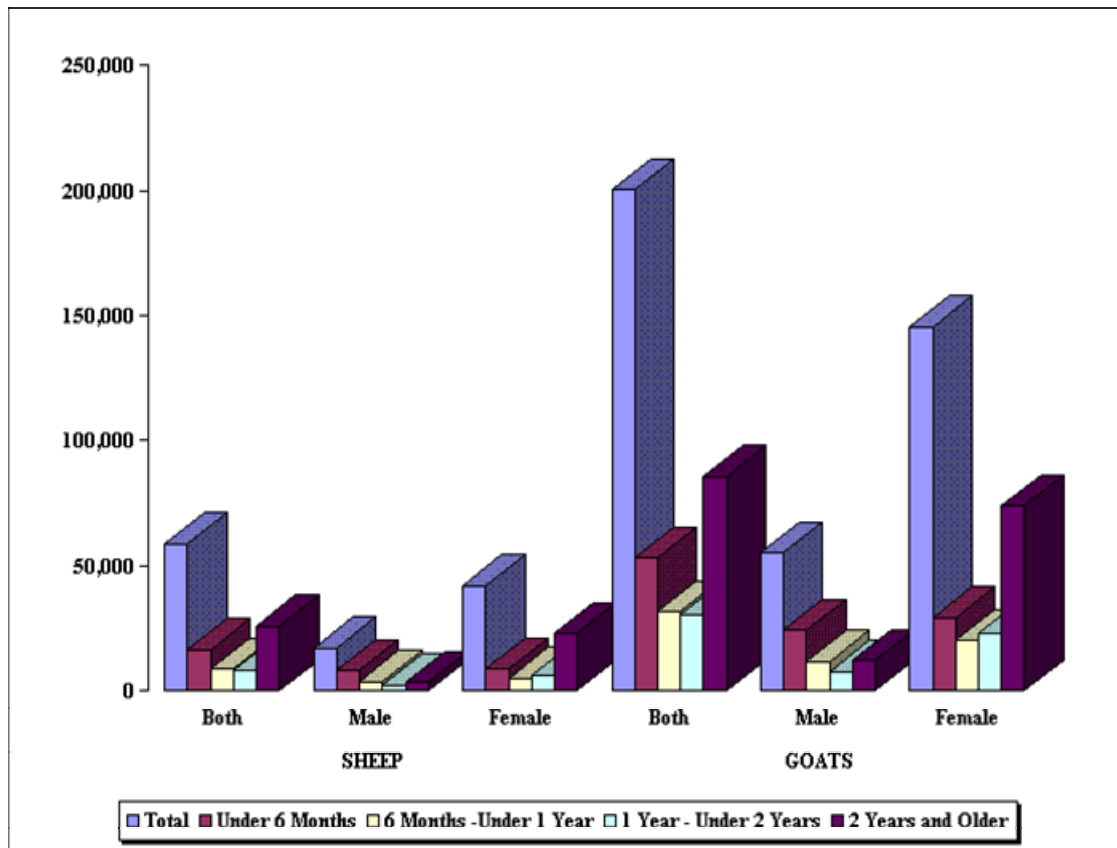
¹ A Dairy Cow refers to a cow that primarily kept for milk and has milked previously or milking at the time of enumeration or has never been milked before but expected to be milked in the future or pregnant at the time of enumeration.

² A Milking Cow refers to any type of cow that actually milked during the reference period (Feb. 9, 2001 to Feb. 8, 2002).

SUMMARY TABLE VII.2: Estimated Number of Sheep and Goats by Sex, Age, Breed, and Purpose for Rural and Urban Holdings

Age, Breed, and Purpose	Both Rural and Urban Holdings						Rural Holdings						Urban Holdings					
	Total		Male		Female		Total		Male		Female		Total		Male		Female	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total Sheep	58,767	100.0	16,929	28.8	41,838	71.2	52,530	89.4	14,883	25.3	37,647	64.1	6,237	10.6	2,046	3.5	4,191	7.1
Under 6 months	16,421	27.9	7,938	13.5	8,483	14.4	14,681	25.0	6,945	11.8	7,736	13.2	1,740	3.0	993	1.7	747	1.3
6 months - under 1 year	8,448	14.4	3,617	6.2	4,831	8.2	7,268	12.4	3,012	5.1	4,256	7.2	1,180	2.0	605	1.0	575	1.0
1 year – under 2 years	8,006	13.6	2,247	3.8	5,759	9.8	7,467	12.7	2,026	3.4	5,441	9.3	539	0.9	221	0.4	318	0.5
2 years and older	25,892	44.1	3,127	5.3	22,765	38.7	23,114	39.3	2,900	4.9	20,214	34.4	2,778	4.7	227	0.4	2,551	4.3
Sheep by Breed																		
Total	58,768	100.0	16,929	28.8	41,838	71.2	52,531	89.4	14,883	25.3	37,647	64.1	6,237	10.6	2,046	3.5	4,191	7.1
Indigenous	56,322	95.8	16,470	28.0	39,852	67.8	50,085	85.2	14,424	24.5	35,661	60.7	6,237	10.6	2,046	3.5	4,191	7.1
Hybrid	2,430	4.1	451	0.8	1,979	3.4	2,430	4.1	451	0.8	1,979	3.4						
Exotic	*	*	*	*	*	*	*	*	*	*	*	*						
Sheep Aged 2 Years and Older by Purpose																		
Total	25,893	100.0	3,128	12.1	22,765	87.9	23,113	89.3	2,900	11.2	20,213	78.1	2,780	10.7	228	0.9	2,552	9.9
Used for Mutton	1,210	4.7	829	3.2	381	1.5	1,067	4.1	700	2.7	367	1.4	143	0.6	129	0.5	14	0.1
Used for Wool	*	*			*	*	*	*			*	*						
Used for Breeding	24,280	93.8	2,102	8.1	22,178	85.7	21,702	83.8	2,025	7.8	19,677	76.0	2,578	10.0	77	0.3	2,501	9.7
Used for Other	373	1.4	197	0.8	176	0.7	314	1.2	175	0.7	139	0.5	59	0.2	22	0.1	37	0.1
Total Goats	200,470	100.0	55,054	27.5	145,416	72.5	197,178	98.4	53,928	26.9	143,250	71.5	3,292	1.6	1,126	0.6	2,166	1.1
Under 6 months	53,053	26.5	24,046	12.0	29,007	14.5	52,058	26.0	23,483	11.7	28,575	14.3	995	0.5	563	0.3	432	0.2
6 months - under 1 year	31,554	15.7	11,515	5.7	20,039	10.0	31,143	15.5	11,322	5.6	19,821	9.9	411	0.2	193	0.1	218	0.1
1 year – under 2 years	30,216	15.1	7,678	3.8	22,538	11.2	29,960	14.9	7,604	3.8	22,356	11.2	256	0.1	74	0.0	182	0.1
2 years and older	85,647	42.7	11,815	5.9	73,832	36.8	84,017	41.9	11,519	5.7	72,498	36.2	1,630	0.8	296	0.1	1,334	0.7
Goats by Breed																		
Total	200,470	100.0	55,054	27.5	145,416	72.5	197,178	98.4	53,928	26.9	143,250	71.5	3,292	1.6	1,126	0.6	2,166	1.1
Indigenous	200,293	99.9	55,014	27.4	145,279	72.5	197,000	98.3	53,888	26.9	143,112	71.4	3,293	1.6	1,126	0.6	2,167	1.1
Hybrid	*	*	*	*	*	*	*	*	*	*	*	*						
Exotic	126	0.1	23	0.0	103	0.1	126	0.1	23	0.0	103	0.1						
Goats Aged 2 Years and Older by Purpose																		
Total	85,646	100.0	11,813	13.8	73,833	86.2	84,017	98.1	11,518	13.4	72,499	84.6	1,629	1.9	295	0.3	1,334	1.6
Used for Milk	509	0.6			509	0.6	501	0.6			501	0.6	8	0.0			8	0.0
Used for Meat	4,204	4.9	3,128	3.7	1,076	1.3	4,023	4.7	2,947	3.4	1,076	1.3	181	0.2	181	0.2		
Used for Breeding	79,854	93.2	8,355	9.8	71,499	83.5	78,435	91.6	8,245	9.6	70,190	82.0	1,419	1.7	110	0.1	1,309	1.5
Used for Other	1,079	1.3	330	0.4	749	0.9	1,058	1.2	326	0.4	732	0.9	21	0.0	4	0.0	17	0.0

FIGURE VII.3 DISTRIBUTION OF SHEEP AND GOATS BY AGE AND SEX



With respect to breed, the overwhelming majorities of both the sheep and the goats are indigenous (95.8 percent and 99.9 percent in that order). Hybrid sheep are estimated to be 2,430 (that is about 4.1 percent) while the hybrid goats are insignificant. The exotic sheep are also insignificant whereas the exotic goats reported are very small in number.

Summary Table VII.2 also discloses the numbers and percentages of sheep and goats raised for different purposes in the region. 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, 24,280 (93.8 percent) are kept for breeding; about five percent for mutton and an insignificant number of sheep were kept for wool production. Likewise, amid the goat population aged two years and older, goats kept

for breeding account for about 93.2 percent (79,854) while goats kept for meat account for about five percent only (See Figures VII.4 and VII.5).

FIGURE VII.4 DISTRIBUTION OF SHEEP AGED TWO YEARS AND OLDER BY SEX AND PURPOSE

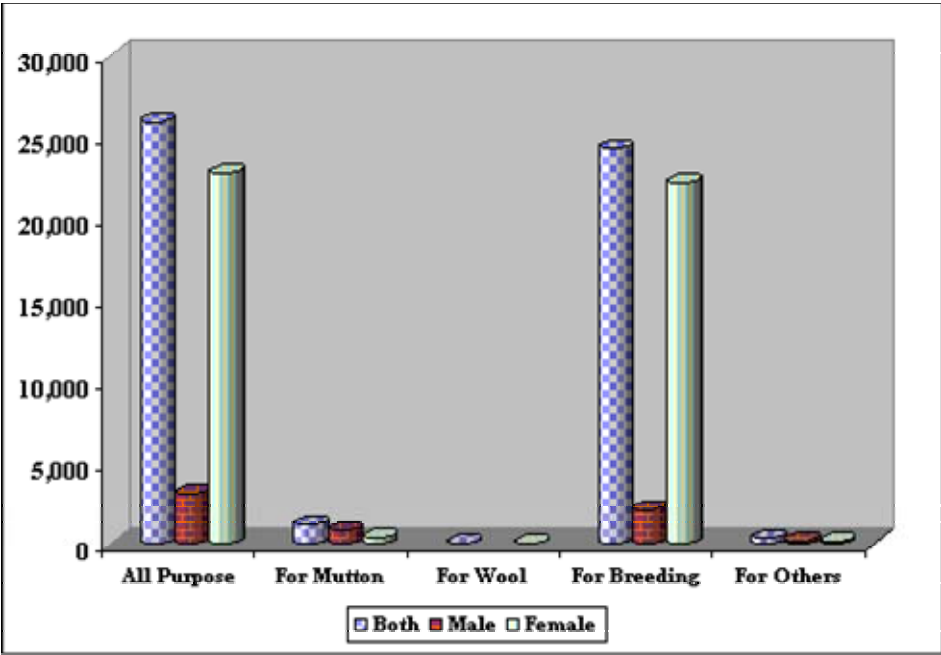
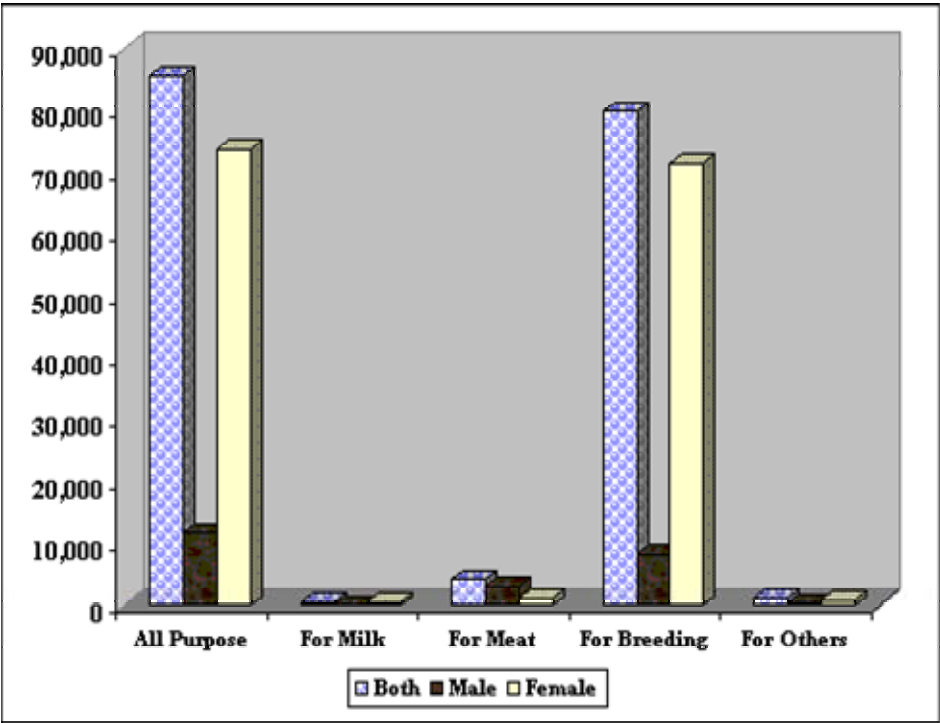


FIGURE VII.4 DISTRIBUTION OF GOATS AGED TWO YEARS AND OLDER BY SEX AND PURPOSE



The numbers and percentage distributions of sheep and goats by age group at zonal and wereda levels are given in the Statistical Tables. Accordingly, of the total sheep, 62.4 percent, 20.2 percent, and 17.4 percent are found in Metekel, Kemeshi, and Asosa Zones, respectively. Regarding goat population, Metekel Zone is the greater contributor to the 2002 goat population of the region that is 44.5 percent, which is followed by Asosa Zone (36.5 percent). The remaining 19.0 percent is reported by Kemeshi Zone.

2.3 Horses, Asses, Mules And Camels

Summary Table VII.3 shows the estimates of horses, asses, mules and camels for the rural and urban areas of the region for private holdings. According to the census result, there are 560 horses, 30,952 asses, 1,395 mules, and only 15 camels in Benshangul-Gumuz Region. The table as well shows that high proportions of horses, asses, and mules are found in the rural areas. All the 15 camels reported are found in the urban areas, i.e. no camel is reported in rural areas.

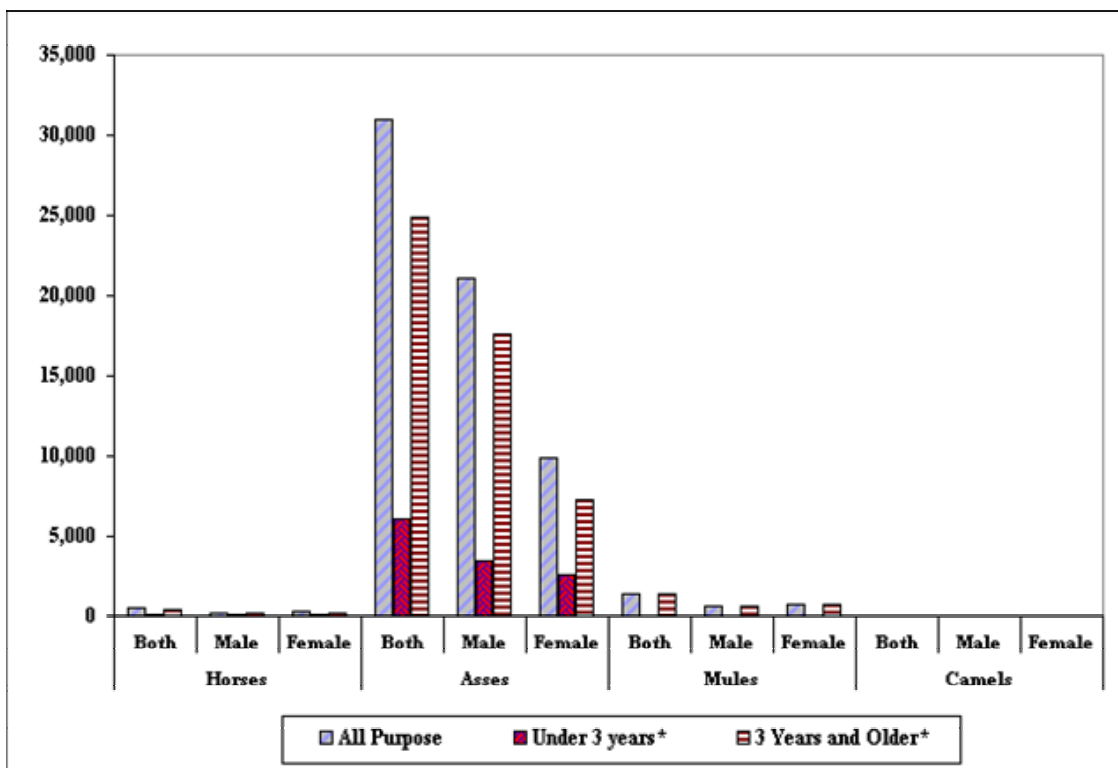
As indicated in the same table, asses are the overwhelming majority in the region compared with the other draught animals. Out of the total ass population in the region, almost two-thirds are males and the remaining are females. With respect to age distribution, the majorities of the horses, asses and mules are of the age group 3 years and older.

The estimates of these animals (aged 3 years and older) by sex and purpose are also given in Summary Table VII.3. As indicated in the table, among the horses aged three years and older, 274 (62.1 percent) were used for transportation, 19 (4.3percent) were used for draught purposes, and the remaining 148 (33.6 percent) were used for other purposes. With regard to asses, about 72.2 percent were used for transportation whereas 22.8 percent of them were used for draught purposes and only 4.9 percent of them were used for other purposes. As to the mules, 97.0 percent of them were used for

SUMMARY TABLE VII.3: Estimated Number of Horses, Asses, Mules, and Camels by Sex, Age, and Purpose for Rural and Urban Holdings

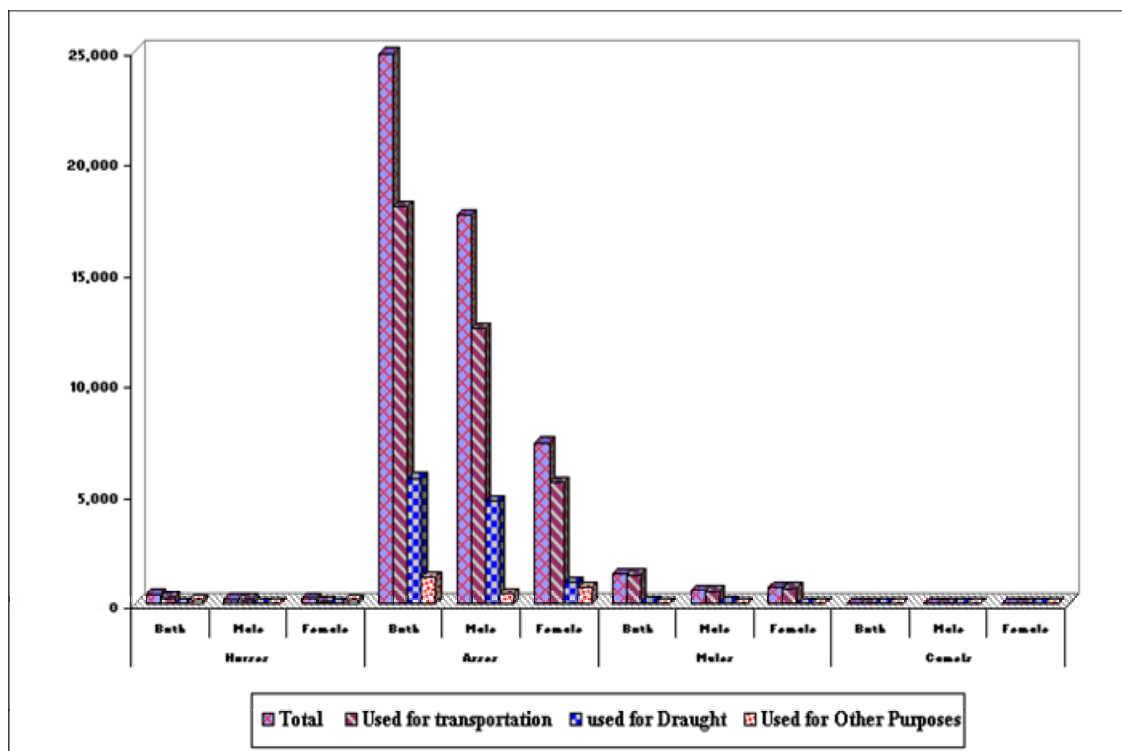
Age, Breed, and Purpose	Both Rural and Urban Holdings						Rural Holdings						Urban Holdings					
	Total		Male		Female		Total		Male		Female		Total		Male		Female	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total Horses.....	560	100.0	249	44.5	311	55.5	492	87.9	207	37.0	285	50.9	68	12.1	42	7.5	26	4.6
Under 3 Years	119	21.3	63	11.3	56	10.0	*	*	*	*	*	*	8	1.4	4	0.7	4	0.7
3 years and older	441	78.8	186	33.2	255	45.5	381	68.0	148	26.4	233	41.6	60	10.7	38	6.8	22	3.9
Horses Aged 3 Years and Older by Purpose																		
All Uses.....	441	100.0	186	42.2	255	57.8	381	86.4	148	33.6	233	52.8	60	13.6	38	8.6	22	5.0
Transportation	274	62.1	182	41.3	92	20.9	225	51.0	148	33.6	77	17.5	49	11.1	34	7.7	15	3.4
Draught.....	19	4.3	4	0.9	15	3.4	15	3.4			15	3.4	4	0.9	4	0.9		
Other Uses.....	148	33.6			148	33.6	141	32.0			141	32.0	7	1.6			7	1.6
Total Asses	30,952	100.0	21,085	68.1	9,867	31.9	30,234	97.7	20,524	66.3	9,710	31.4	718	2.3	561	1.8	157	0.5
Under 3 Years	6,075	19.6	3,509	11.3	2,566	8.3	5,979	19.3	3,455	11.2	2,524	8.2	96	0.3	54	0.2	42	0.1
3 years and older	24,877	80.4	17,576	56.8	7,301	23.6	24,255	78.4	17,069	55.1	7,186	23.2	622	2.0	507	1.6	115	0.4
Asses Aged 3 Years and Older by Purpose																		
All Uses.....	24,877	100.0	17,577	70.7	7,300	29.3	24,255	97.5	17,070	68.6	7,185	28.9	622	2.5	507	2.0	115	0.5
Transportation	17,964	72.2	12,455	50.1	5,509	22.1	17,487	70.3	12,061	48.5	5,426	21.8	477	1.9	394	1.6	83	0.3
Draught.....	5,683	22.8	4,670	18.8	1,013	4.1	5,589	22.5	4,595	18.5	994	4.0	94	0.4	75	0.3	19	0.1
Other Uses.....	1,230	4.9	452	1.8	778	3.1	1,179	4.7	414	1.7	765	3.1	51	0.2	38	0.2	13	0.1
Total Mules.....	1,395	100.0	627	44.9	768	55.1	1,344	96.3	596	42.7	748	53.6	51	3.7	31	2.2	20	1.4
Under 3 Years	25	1.8	14	1.0	11	0.8	*	*	*	*	*	*	4	0.3	4	0.3		
3 years and older	1,370	98.2	613	43.9	757	54.3	1,323	94.8	586	42.0	737	52.8	47	3.4	27	1.9	20	1.4
Mules Aged 3 Years and Older by Purpose																		
All Uses.....	1,371	100.0	614	44.8	757	55.2	1,324	96.6	587	42.8	737	53.8	47	3.4	27	2.0	20	1.5
Transportation	1,330	97.0	584	42.6	746	54.4	1,283	93.6	557	40.6	726	53.0	47	3.4	27	2.0	20	1.5
Draught.....	41	3.0	30	2.2	11	0.8	41	3.0	30	2.2	*	*						
Other Uses.....																		
Total Camels.....	15	100.0	15	100.0									15	100.0	15	100.0		
Under 4 Years																		
4 years and older	15	100.0	15	100.0									15	100.0	15	100.0		
Camels Aged 4 Years and Older by Purpose																		
All Uses.....	15	100.0	15	100.0									15	100.0	15	100.0		
Transportation	15	100.0	15	100.0									15	100.0	15	100.0		
Draught.....																		
Other Uses.....																		

FIGURE VII.6 DISTRIBUTION OF HORSES, ASSES, MULES AND CAMELS BY AGE AND SEX



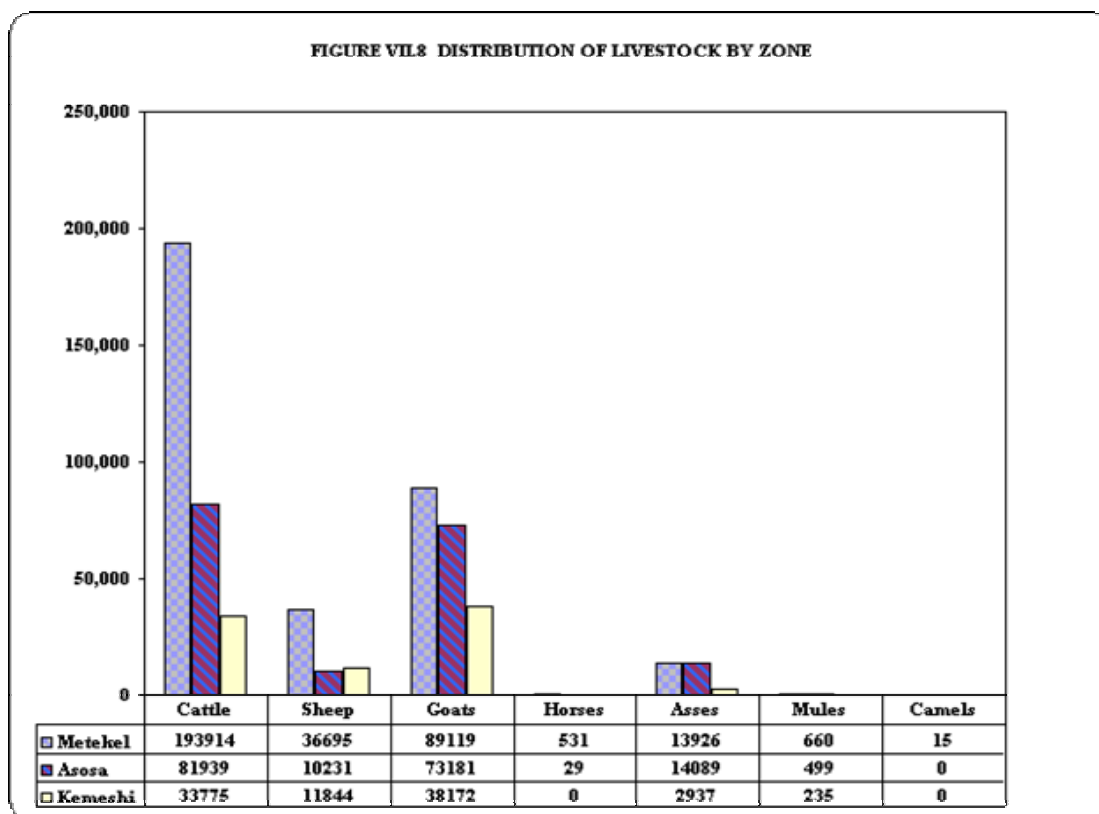
* Note that for camels the age Categories are under 4 years and 4 years & older

FIGURE VII.7 DISTRIBUTION OF HORSES, ASSES, MULES AND CAMELS BY PURPOSE AND SEX



transportation, and the others (3.0 percent) were used for draught purposes. The census result also indicates that all the 15 camels reported were used for transportation (See also Figures VII.6 and VII.7)

Pertaining to zonal distribution, about 45.5 percent of the total ass population is found in Asosa Zone followed by Metekel Zone (45.0 percent), and the remaining 9.49 percent is accounted for Kemeshi Zone. Likewise, the predominance of the horses and mules are found in Metekel Zone (See Fig. VII.8).



2.4 Poultry

Data on poultry population are collected as part of the livestock census, and the total poultry population in Benshangul-Gumuz Region is estimated to be about 961,196. In this report, poultry includes cocks, cockerels, pullets, laying hens, non-laying hens and

chicks. Consequently, as shown in Summary Table VII.4 and Figure VII.9, most of the poultry are chicks (469,573), followed by laying hens (195,082). Pullets are estimated to be 120,180 in the region. Cockerels and cocks are also estimated separately, and are 77,869 and 70,591, respectively. The least in the poultry population compared to the others are non-laying hens (27,901). Rural areas constitute 94.2 percent of the total poultry, which is significant. Urban areas also comprised of 5.8 percent.

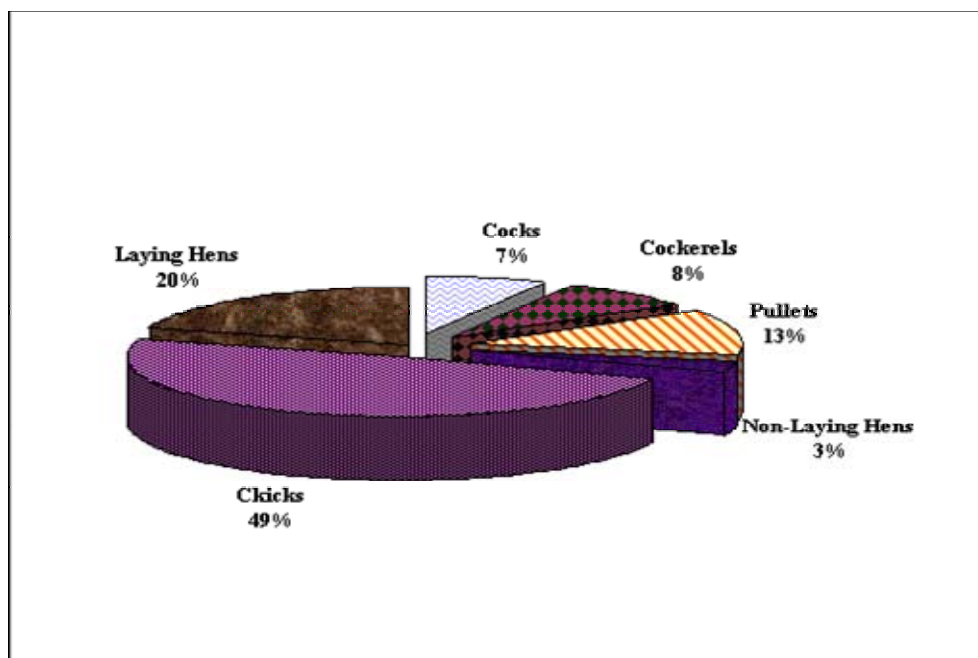
Moreover, average egg-laying period per hen and average number of eggs laid per hen during this period are estimated based on the data collected. Consequently, the single average egg-laying period per hen is estimated to be about 18 days while average number of eggs laid per hen per egg- laying period is about 12 eggs in the region. Egg laying period and number of eggs laid per period are higher in urban than in rural areas.

Pertaining to zonal distribution, 43.2 percent, 41.9 percent, and 14.9 percent of the total poultry population are found in Metekel, Asosa, and Kemeshi Zones, respectively (See Table 7-1-a).

SUMMARY TABLE VII.4: Estimated Number of Poultry by Type for Rural and Urban Holdings

Type of Poultry	Rural and Urban Holdings		Rural Holdings		Urban Holdings	
	Number	%	Number	%	Number	%
All Poultry	961,196	100.0	905,259	94.2	55,937	5.8
Cocks	70,591	7.3	66,931	7.0	3,660	0.4
Cockerels	77,869	8.1	73,732	7.7	4,137	0.4
Pullets	120,180	12.5	113,306	11.8	6,874	0.7
Non-Laying Hens	27,901	2.9	27,015	2.8	886	0.1
Chicks	469,573	48.9	442,767	46.1	26,806	2.8
Laying Hens	195,082	20.3	181,508	18.9	13,574	1.4
Average Number Days/Clutch	18		16		19	
Average Eggs/Hen/Clutch	12		11		12	

FIGURE VII.9 DISTRIBUTION OF POULTRY BY TYPE



2.5 Beehives

Information on beehives was also collected during the livestock census. 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, barks of tree, logs 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 Tadesse, 1993 E.C.; P.Seegeren et al, 1996).

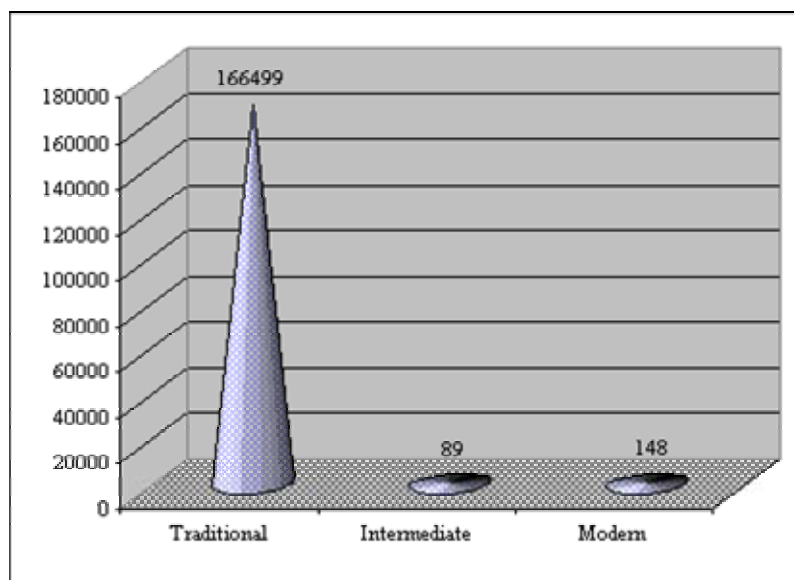
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of these beehives that produced honey at least once during the reference period (February 9, 2001 to February 8, 2002) was enumerated. Accordingly, the result of the census revealed that a total of 166,736 hives is estimated to be found in rural and urban areas of Benshangul-Gumuz Region. From this total hives, 166,499 (99.86 percent) are traditional hives, 148 are modern hives, and the remaining 89 are intermediate hives.

SUMMARY TABLE VII.5: Estimated Number of Beehives by Type for Rural and Urban Holdings

Type of Beehive	Rural and Urban Holdings		Rural Holdings		Urban Holdings	
	Number	%	Number	%	Number	%
All Beehives.....	166,736	100.0	165,116	99.0	1,620	1.0
Traditional Beehives	166,499	99.9	164,879	98.9	1,620	1.0
Intermediate Beehives	*	*	*	*		
Modern Beehives.....	*	*	*	*		

FIGURE VII.10 DISTRIBUTION OF BEEHIVES BY TYPE



As indicated in Summary Table VII.5 and Figure VII.10, very significant portion of the beehives are reported in rural areas (99.0 percent). Although very little, urban areas as well contributed to the beehives population of the region.

With regard to zonal distribution of hives, Metekel Zone has the largest share (43.5 percent), followed by Asosa Zone (35.8 percent) and Kemeshi Zone (20.7 percent).

3 LIVESTOCK PRODUCTS

This section summarizes results on livestock products. 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.

3.1 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 region 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 our case, milk production is estimated based on the concept “net production”, and as indicated in Summary Table VII.6, the estimate of total milk production for rural and urban areas in Benshangul-Gumuz Region during the reference period, is about 20.2 million liters of which 18.2 million liters (90.2 percent) is attributed to rural areas. A total of about 2.0 million liters of milk was as well estimated for urban areas.

Data on lactation period and average milk yield per cow per day were also collected. As a result, the average lactation period per cow in the region is estimated to be about seven months, and average milk yield per cow per day is about 1.626 liters.

3.2 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 both in rural and urban areas. As a result, the estimate of total honey production is about 742,051 kilograms of which the greater portion (99.7 percent) is harvested from traditional hives (See Summary Table VII.6). According to the results, rural areas are the major purveyor of honey production in the region.

In addition, as can be seen from the census data, honey was harvested only once in a year from traditional and intermediate hives, and twice from modern hives in rural areas. However, in urban areas honey was harvested twice from traditional hives during the reference period.

SUMMARY TABLE VII.6: Milk and Honey Production for Rural and Urban Holdings

Item	Quantity Produced and Frequency		
	Rural and Urban Holdings	Rural Holdings	Urban Holdings
Milk Production			
Cow Milk			
Average Daily Milk Production (Liters/Cow)	1.626	1.554	1.698
Average Lactation Period (Months)	7	7	7
Total Milk Production (Liters)	20,211,735	18,234,363	1,977,451
Camel Milk			
Average Daily Milk Production (Liters/Camel) ..	-	-	-
Average Lactation Period (Months)	-	-	-
Total Milk Production (Liters)	-	-	-
Honey Production			
All Types of Beehives			
Production (Kilograms)	742,051	739,375	6,280
Average Frequency (Harvests/Year)		1	2
Traditional Beehives			
Production (Kilograms)	740,043	737,441	6,280
Average Frequency (Harvests/Year)		1	2
Intermediate Beehives			
Production (Kilograms)	*	*	
Average Frequency (Harvests/Year)		1	
Modern Beehives			
Production (Kilograms)	*	*	
Average Frequency (Harvests/Year)		2	

4 UTILIZATION OF LIVESTOCK PRODUCTS

Data on the utilization of animal products were also collected during the census to assess product usage experience of holders. The products for which utilization data intended to be collected were milk, egg, honey, meat, hides and skins, wool and byproducts such as butter, cheese, and wax. It is commonly accepted that these

SUMMARY TABLE VII.7: Livestock Product Utilization – Percentage of Uses for Rural and Urban Holdings

Type of Product	Rural and Urban Holdings					Rural Holdings					Urban Holdings				
	Total %	Percent of Product Utilized for:				Total %	Percent of Product Utilized for:				Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other		Household Consumption	Sale	Wages in Kind	Other		Household Consumption	Sale	Wages in Kind	Other
Milk	100	54.98	5.71	0.67	38.67	100	47.61	4.17	0.40	47.82	100	62.35	7.24	0.93	29.51
Butter	100	69.20	27.90	0.10	2.81	100	52.73	44.05	0.12	3.10	100	85.67	11.75	0.07	2.52
Cheese	100	93.90	0.70	0.09	5.45	100	92.38	1.00	0.10	6.52	100	95.42	0.40	0.07	4.37
Beef	100	24.47	69.46	1.83	4.26	100	29.75	59.75	3.65	6.84	100	19.18	79.16	-	1.67
Mutton/Goat Meat	100	74.92	15.70	0.08	9.29	100	71.05	22.19	0.15	6.61	100	78.79	9.20	-	11.97
Eggs	100	33.61	10.80	0.04	55.56	100	20.03	13.78	0.07	66.11	100	47.18	7.82	-	45.05
Honey	100	33.89	59.71	0.11	6.30	100	25.88	67.33	0.22	6.58	100	41.90	52.10	-	6.01
Bees Wax	100	36.33	24.26	0.04	39.30	100	22.65	48.51	0.07	28.77	100	50.00	-	-	50.00
Wool	100	26.30	65.37	-	8.34	100	52.59	30.74	-	16.67	100	-	100	-	-
Hide	100	34.99	61.88	0.12	3.00	100	44.55	49.21	0.24	6.01	100	25.43	74.56	-	-
Skin	100	25.37	64.79	0.02	9.82	100	48.52	42.91	0.04	8.52	100	2.22	86.67	-	11.11

products are often used for household consumption and/or sold to finance the purchase of basic household commodities such as coffee, salt, cooking oil, sugar, etc. The products are sometimes used as payments and gifts to others. The census data on the utilization of animal products in the rural and urban areas are presented in Summary Table VII.7. The census result reveals that of the total annual milk production, 54.98 percent was used for household consumption, 5.71 percent was sold, 0.67 percent was used for payment of wages, which is 38.67 percent was used for other purposes. With respect to the utilization of butter, morethan half of the produce was used for household consumption although considerable portion was sold. Most of the total cheese produced was used for household consumption that is about 93.90 percent, and five percent was used for other purposes.

Of the total honey production, about 59.71 percent was sold, about 33.89 percent was used for household consumption, and almost no honey was used as a payment (wage) in the region. Similarly, most of the wax produced in urban areas (48.51 percent) was used for household consumption. However, significant portion of the wax produced in the rural areas (50 percent) was used for sale.

Concerning utilization of egg production, 33.61 percent of the total egg production was used for household consumption while only 10.81 percent of the total egg production was used for sale. Morethan half of the egg production in the region (55.56 percent) was used for other purposes and that could be for hatching. Holders' utilization practices on hides, and skins were also assessed and the results showed that these products are mainly used for sale and household consumption.

5 LIVESTOCK VACCINATION, DISEASE, TREATMENT AND DEATH

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, deaths, 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 during the census.

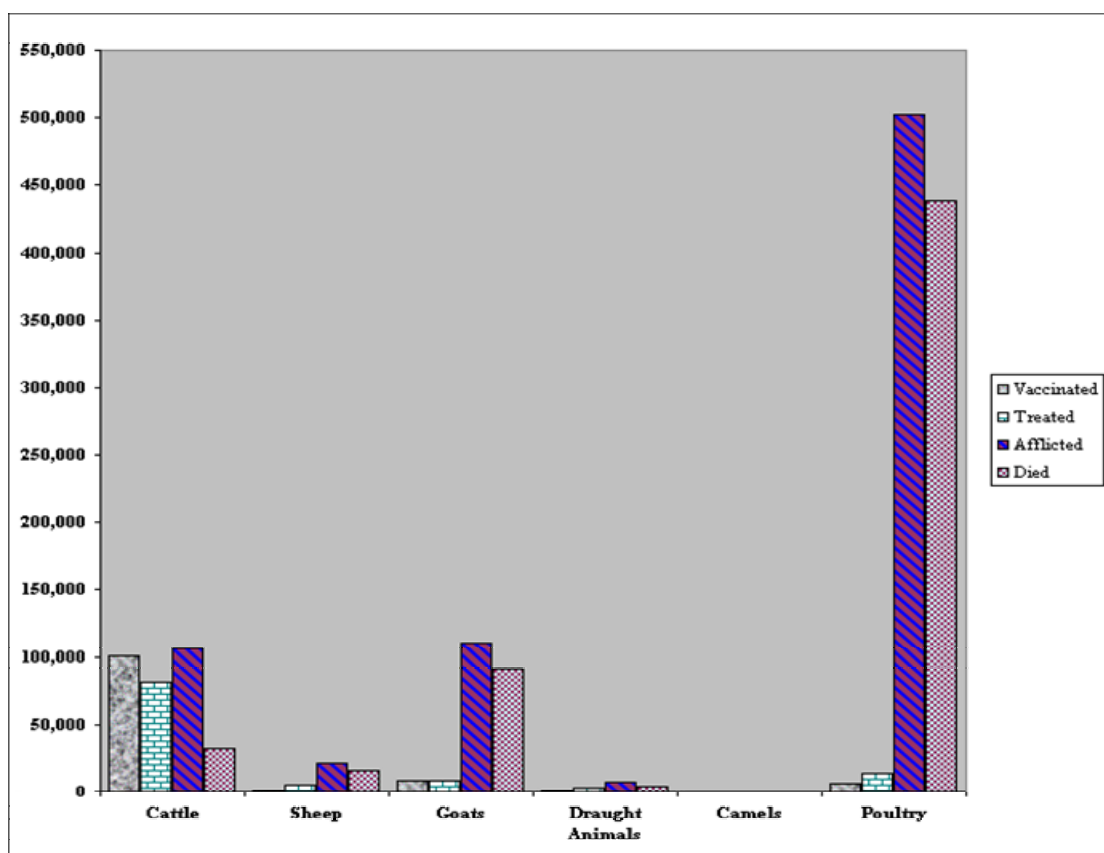
Data on these parameters specifically on number of vaccinated, afflicted, treated and dead animals were therefore collected and the results are shown in Summary Table VII.8. The estimated number of vaccinated animals within the reference period in rural and urban areas of Benshangul-Gumuz Region is about 117,820. Out of these animals, about 85.1 percent were cattle followed by goats, which took only 7.3 percent share. Poultry and sheep also accounted for about 5.4 percent and 1.3 percent of the total vaccinated animals, respectively.

SUMMARY TABLE VII.8: Estimated Number of Livestock Vaccinated, Afflicted, Treated, and Died for Rural and Urban Holdings

Item	Rural and Urban Holdings		Rural Holdings		Urban Holdings	
	Number	%	Number	%	Number	%
Total Vaccinated	117,820	100.0	103,337	87.7	14,483	12.3
Cattle	100,266	85.1	87,228	74.0	13,038	11.1
Sheep	1,476	1.3	1,342	1.1	134	0.1
Goats	8,634	7.3	8,376	7.1	258	0.2
Horses, Asses, and Mules ..	1,026	0.9	1,018	0.9	8	0.0
Camels	4	0.0			4	0.0
Poultry	6,414	5.4	5,373	4.6	1,041	0.9
Total Afflicted	748,360	100.0	703,633	94.0	44,727	6.0
Cattle	105,653	14.1	96,743	12.9	8,910	1.2
Sheep	22,168	3.0	20,343	2.7	1,825	0.2
Goats	110,515	14.8	109,466	14.6	1,049	0.1
Horses, Asses, and Mules ..	8,112	1.1	7,960	1.1	152	0.0
Camels	38	0.0	*	*	11	0.0
Poultry	501,874	67.1	469,094	62.7	32,780	4.4
Total Treated	112,116	100.0	99,517	88.8	12,599	11.2
Cattle	80,905	72.2	72,859	65.0	8,046	7.2
Sheep	5,233	4.7	4,086	3.6	1,147	1.0
Goats	8,850	7.9	8,491	7.6	359	0.3
Horses, Asses, and Mules ..	3,245	2.9	3,120	2.8	125	0.1
Camels	11	0.0			11	0.0
Poultry	13,872	12.4	10,961	9.8	2,911	2.6
Total Died	582,566	100.0	548,969	94.2	33,597	5.8
Cattle	32,672	5.6	28,971	5.0	3,701	0.6
Sheep	16,031	2.8	15,097	2.6	934	0.2
Goats	91,331	15.7	90,479	15.5	852	0.1
Horses, Asses, and Mules ..	4,467	0.8	4,382	0.8	85	0.0
Camels	31	0.0	*	*	4	0.0
Poultry	438,034	75.2	410,013	70.4	28,021	4.8

In the same table, it is indicated that about 748,360 animals were diseased/afflicted by different types of diseases during the reference period and only 112,116 of them were treated. The cattle constituted about 72.2 percent of the total treated animals and substantial number of poultry was treated as well (13,872 heads).

FIGURE VII.11 DISTRIBUTION OF ANIMALS VACCINATED, AFFLICTED, TREATED AND DIED



According to the census data, greater number of animals died during the reference period in the region due to diseases of which 75.2 percent is poultry. In addition, the estimated numbers of dead goats and dead cattle in the region are about 91,331 and 32,672, respectively. The number of sheep estimated dead is also considerable that is about 16,031 heads (See Summary Table VII.8).

If we take a look at the zonal results to see the distributions among the zones, more than half of the total vaccinated-animals are reported in Metekel zone. The rest 36.8 percent and 8.4 percent are found in Asosa and Kemeshi Zones, respectively.

Regarding diseased animals, the majorities are accounted for Asosa followed by Metekel Zone. Similar distribution patterns are also observed for treated and dead animals.

6 ANIMAL FEED

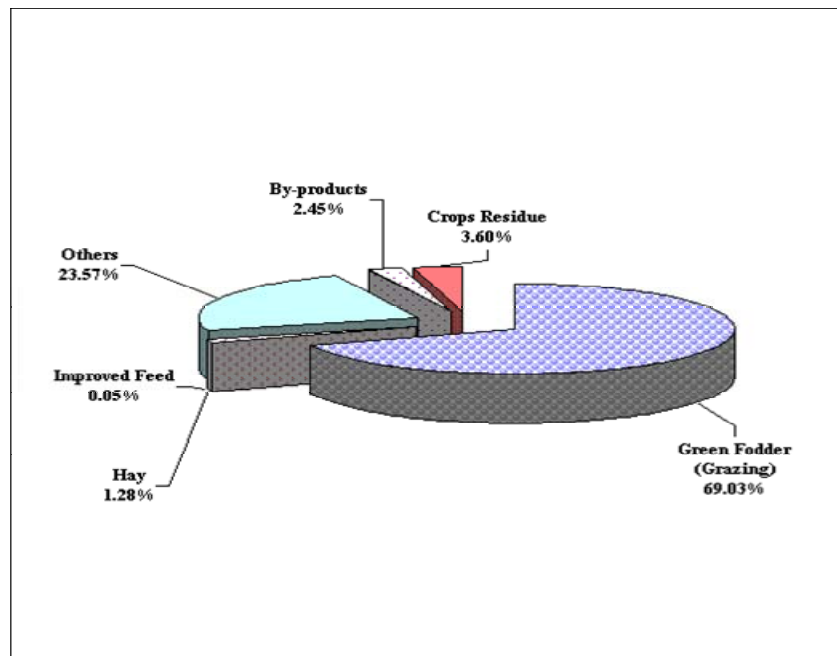
Data on animal feed practices of holders in both the rural and urban areas of the region were gathered to assess feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial byproducts, and other feeds. *Green fodder* is simply pasture grasses; *crop residue* includes harvested byproducts (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 *byproducts* 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 rural and urban areas of the region, green fodder or grazing is the major type of feed (about 69.03 percent) followed by other type of feeds. Although very little, crop residue and byproducts were used as animal feed in the region (3.60 and 2.45 percent, respectively). Moreover, as shown in Summary Table VII.9 and Figure VII.12, very small amount of hay (only 1.28 percent) was used as animal feed and almost no improved feed (only 0.05 percent) was used in the region.

SUMMARY TABLE VII.9: Animal Feed Practices for Rural and Urban Holdings

Item	Rural and Urban Holdings		Rural Holdings		Urban Holdings	
	Number Reporting	Percentage That Use:	Number Reporting	Percentage That Use:	Number Reporting	% Percentage That Use:
Total		100.0		100.0		100.0
Green Fodder/Grazing...	93,378	69.03	88,281	81.28	5,097	56.77
Crops Residue.....	28,050	3.60	27,100	4.96	950	2.24
Improved Feed.....	482	0.05	472	0.06	*	0.03
Hay.....	6,626	1.28	6,082	1.13	544	1.42
Byproducts.....	10,925	2.45	9,324	1.61	1,601	3.28
Others.....	30,305	23.57	24,351	10.88	5,954	36.27

FIGURE VII.12 ANIMAL FEED PRACTICES OF HOLDERS



Summary Table VII.9 also highlights the number of holders reported each type of feed. According to the data, about 93,378 holders have used green fodder or grazing to feed their animals. Significant number of holders (28,050) both in rural and urban areas of the region also reported that they used to feed crop residues for their animals. Moreover, about 10,925 and 6,626 holders have reported byproducts and hay, respectively. Quite a number of holders as well reported other types of feeds while only 482 holders reported to use the improved feed.

STATISTICAL TABLES PRESENTING
RESULTS AT
ZONE AND WEREDA LEVELS

TABLES 7.1 – 7.36

TABLE 7-1: NUMBER OF LIVESTOCK BY TYPE OF ANIMAL, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Benshangul-Gumuz Region	309,627	58,770	200,472	559	30,952	1,394	15	961,196	166,736
Metekel Zone	193,914	36,695	89,119	530	13,926	660	15	415,005	72,491
Dangur	11,540	3,928	12,183	-	2,020	*	-	57,210	20,125
Guba	8,464	4,199	17,504	-	1,375	74	15	30,040	297
Wenbera	43,194	9,054	14,787	530	4,655	333	-	67,739	16,636
Mandura	11,008	3,548	11,695	-	1,106	45	-	39,907	6,872
Dibate	57,395	6,045	15,147	-	2,385	114	-	79,007	14,039
Pawe	31,801	5,794	3,312	-	500	*	-	58,270	1,459
Bulen	30,511	4,127	14,491	-	1,884	*	-	60,612	13,063
Asosa Zone	81,939	10,231	73,181	*	14,089	499	-	403,153	59,695
Menge	1,486	1,791	19,410	-	3,970	117	-	54,328	419
Kurmak	*	2	3,238	-	360	-	-	25,357	154
Asosa	33,314	3,699	13,140	-	2,601	133	-	130,031	31,834
Sherkole	260	579	9,923	-	1,710	-	-	39,346	-
Bambasi	27,618	1,774	7,214	-	2,327	92	-	67,282	14,151
Oda Godere	8,346	956	11,684	-	1,253	*	-	44,157	4,817
Komesha	459	59	5,087	-	873	*	-	19,155	3,003
Mao Komo Special	10,422	1,371	3,485	*	993	80	-	23,498	5,317
Kemeshi Zone	33,775	11,844	38,172	-	2,937	235	-	143,037	34,549
Yaso	9,871	2,680	7,131	-	576	40	-	22,141	6,838
Sirba Abay	4,500	1,730	11,310	-	517	62	-	26,086	7,291
Kamashi	4,874	2,298	5,982	-	672	59	-	26,112	422
Agalo Meti	4,407	1,584	11,981	-	585	*	-	21,904	11,737
Belo Jegonfoy	10,123	3,551	1,767	-	587	*	-	46,793	8,261

b) Rural Holdings

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Benshangul-Gumuz Region	286,735	52,532	197,179	491	30,234	1,344	-	905,258	165,116
Metekel Zone	175,804	30,883	86,587	463	13,487	620	-	379,349	71,584
Dangur	11,018	3,818	12,118	-	1,958	74	-	55,326	20,108
Guba	7,766	4,180	17,009	-	1,292	74	-	28,513	297
Wenbera	40,791	8,041	14,509	463	4,454	299	-	65,644	16,556
Mandura	10,031	3,343	11,598	-	1,106	45	-	38,430	6,782
Dibate	55,914	5,831	14,929	-	2,334	112	-	76,132	13,962
Pawe	23,069	2,165	2,151	-	490	-	-	58,270	1,032
Bulen	27,215	3,506	14,273	-	1,851	*	-	57,034	12,847
Asosa Zone	77,157	9,805	72,420	*	13,810	489	-	382,872	58,983
Menge	1,463	1,754	19,340	-	3,954	117	-	54,043	*
Kurmak	*	-	3,197	-	358	-	-	25,149	*
Asosa	31,633	3,378	12,693	-	2,510	130	-	115,225	31,397
Sherkole	260	579	9,923	-	1,710	-	-	39,346	-
Bambasi	24,539	1,709	7,011	-	2,157	85	-	62,300	13,877
Oda Godere	8,346	956	11,684	-	1,253	*	-	44,157	4,817
Komesha	459	59	5,087	-	873	*	-	19,155	3,003
Mao Komo Special	10,422	1,371	3,485	*	993	80	-	23,498	5,317
Kemeshi Zone	33,775	11,844	38,172	-	2,937	235	-	143,037	34,549
Yaso	9,871	2,680	7,131	-	576	40	-	22,141	6,838
Sirba Abay	4,500	1,730	11,310	-	517	62	-	26,086	7,291
Kamashi	4,874	2,298	5,982	-	672	59	-	26,112	422
Agalo Meti	4,407	1,584	11,981	-	585	*	-	21,904	11,737
Belo Jegonfoy	10,123	3,551	1,767	-	587	49	-	46,793	8,261

c) Urban Holdings

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Benshangul-Gumuz Region	22,892	6,238	3,293	68	718	50	15	55,938	1,620
Metekel Zone	18,110	5,812	2,532	68	439	40	15	35,656	908
Dangur	522	110	*	-	62	-	-	1,884	*
Guba	698	*	495	-	83	-	15	1,527	-
Wenbera	2,403	1,013	278	68	201	35	-	2,095	*
Mandura	977	205	96	-	-	-	-	1,477	90
Dibate	1,480	215	218	-	51	*	-	2,875	*
Pawe	8,733	*	*	-	*	*	-	*	*
Bulen	3,297	622	218	-	33	-	-	3,578	*
Asosa Zone	4,782	426	761	-	279	*	-	20,281	712
Menge	23	37	70	-	16	-	-	285	-
Kurmak	-	2	41	-	2	-	-	208	2
Asosa	1,681	321	*	-	91	*	-	14,806	*
Sherkole									
Bambasi	3,078	65	202	-	170	*	-	4,982	*
Oda Godere									

TABLE 7-2: NUMBER OF CATTLE BY AGE AND SEX OF ANIMAL, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1 - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <3 yrs	3 - <10 yrs	10 yrs &Over
Benshangul-Gumuz Region	309,627	15,513	15,299	27,173	75,211	2,313	17,073	16,364	30,570	105,600	4,512
Metekel Zone	193,914	9,487	9,924	16,740	46,317	1,952	10,431	10,135	19,555	66,098	3,275
Dangur	11,540	443	509	1,098	3,290	409	307	465	981	3,696	344
Guba	8,464	519	623	581	501	*	757	557	977	3,751	184
Wenbera	43,194	2,205	2,180	3,463	10,760	507	2,310	2,223	4,102	14,983	459
Mandura	11,008	578	644	1,053	2,087	*	707	555	1,129	4,174	39
Dibate	57,395	2,505	2,991	4,705	13,577	739	2,726	3,082	6,433	18,953	1,684
Pawe	31,801	1,470	1,139	3,093	9,776	115	1,535	1,330	2,709	10,227	408
Bulen	30,511	1,767	1,839	2,748	6,325	125	2,089	1,923	3,225	10,314	156
Asosa Zone	81,939	4,229	3,751	7,638	22,133	282	4,078	3,945	7,566	27,484	833
Menge	1,486	*	*	100	950	*	*	*	71	240	*
Kurmak	*	-	-	*	-	-	-	-	-	-	-
Asosa	33,314	1,261	1,696	3,066	10,064	*	1,191	1,605	2,893	11,102	307
Sherkole	260	*	-	*	209	-	-	-	*	*	*
Bambasi	27,618	1,660	1,100	2,983	6,834	*	1,649	1,290	2,540	9,219	275
Oda Godere	8,346	388	384	640	1,912	-	533	455	796	3,146	*
Komesha	459	*	*	*	120	-	*	*	66	*	*
Mao Komo Special	10,422	847	528	783	2,045	*	656	522	1,186	3,651	135
Kemeshi Zone	33,775	1,797	1,624	2,795	6,760	79	2,564	2,284	3,449	12,018	405
Yaso	9,871	578	466	640	1,733	*	842	674	968	3,821	114
Sirba Abay	4,500	328	*	337	403	-	509	*	563	1,528	*
Kamashi	4,874	320	253	468	835	29	313	280	482	1,846	48
Agalo Meti	4,407	222	125	424	615	*	312	306	500	1,812	*
Belo Jegonfoy	10,123	349	500	925	3,175	-	589	583	936	3,012	54

b) Rural Holdings

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1 - <3 yrs	3 - <10 yrs	10 yrs & Over	< 6 Months	6 Mo < 1yr	1 - <3 yrs	3 - <10 yrs	10 yrs & Over
Benshangul-Gumuz Region	286,735	14,278	13,903	24,798	71,299	2,238	15,579	15,063	28,262	96,960	4,356
Metekel Zone.....	175,804	8,639	8,812	14,755	43,085	1,883	9,312	9,119	17,708	59,354	3,136
Dangur	11,018	430	490	1,066	3,042	397	303	451	938	3,562	340
Guba.....	7,766	501	558	504	450	13	732	502	888	3,434	184
Wenbera.....	40,791	2,125	2,040	3,289	10,259	470	2,230	2,100	3,920	13,959	399
Mandura.....	10,031	517	583	950	1,966	*	634	513	948	3,842	*
Dibate.....	55,914	2,459	2,920	4,553	13,259	724	2,648	3,013	6,295	18,421	1,621
Pawe.....	23,069	1,033	628	1,950	8,291	115	860	872	1,979	6,934	408
Bulen.....	27,215	1,573	1,594	2,443	5,818	122	1,903	1,669	2,740	9,202	150
Asosa Zone	77,157	3,842	3,466	7,248	21,454	276	3,703	3,661	7,104	25,588	815
Menge	1,463	*	*	99	938	*	*	*	69	232	*
Kurmak	*	-	-	*	-	-	-	-	-	-	-
Asosa.....	31,633	1,117	1,551	3,005	9,901	*	1,087	1,470	2,796	10,269	307
Sherkole	260	*	-	*	209	-	-	-	*	*	*
Bambasi	24,539	1,417	960	2,656	6,328	*	1,379	1,141	2,177	8,164	257
Oda Godere.....	8,346	388	384	640	1,912	-	533	455	796	3,146	*
Komesha	459	*	*	*	120	-	*	*	66	112	*
Mao Komo Special	10,422	847	528	783	2,045	*	656	522	1,186	3,651	135
Kemeshi Zone.....	33,775	1,797	1,624	2,795	6,760	79	2,564	2,284	3,449	12,018	405
Yaso	9,871	578	466	640	1,733	*	842	674	968	3,821	114
Sirba Abay	4,500	328	279	337	403	-	509	441	563	1,528	*
Kamashi	4,874	320	253	468	835	29	313	280	482	1,846	48
Agalo Meti	4,407	222	125	424	615	*	312	306	500	1,812	*
Belo Jigonfov	10,123	349	500	925	3,175	-	589	583	936	3,012	54

c) Urban Holdings

[illegible]

TABLE 7-3: NUMBER OF SHEEP BY AGE AND SEX OF ANIMAL, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	58,770	7,938	3,617	2,247	3,128	8,484	4,832	5,759	22,765
Metekel Zone.....	36,695	5,088	2,326	1,338	2,030	5,041	2,766	3,686	14,420
Dangur	3,928	562	136	153	272	526	291	538	1,451
Guba	4,199	387	164	138	219	614	156	675	1,846
Wenbera.....	9,054	1,300	573	290	598	1,459	551	1,003	3,279
Mandura.....	3,548	523	219	105	134	461	286	273	1,548
Dibate	6,045	704	392	281	429	816	535	532	2,356
Pawe	5,794	1,063	653	212	135	533	517	261	2,420
Bulen.....	4,127	549	189	159	244	632	431	403	1,521
Asosa Zone.....	10,231	1,283	475	395	544	1,599	973	926	4,038
Menge.....	1,791	207	*	151	*	257	271	118	626
Kurmak	2	-	1	-	-	-	-	-	1
Asosa	3,699	492	186	116	208	595	221	312	1,569
Sherkole.....	579	*	*	-	*	*	*	164	198
Bambasi	1,774	243	137	68	*	297	143	186	624
Oda Godere.....	956	62	*	48	*	*	71	63	431
Komesha	59	-	-	-	*	*	*	*	*
Mao Komo Special.....	1,371	276	48	*	*	268	103	78	553
Kemeshi Zone	11,844	1,568	817	515	553	1,844	1,093	1,148	4,307
Yaso	2,680	449	109	93	126	521	215	234	933
Sirba Abay.....	1,730	157	87	92	128	273	198	224	571
Kamashi	2,298	393	152	112	38	384	179	282	757
Agalo Meti.....	1,584	201	75	53	112	177	158	144	663
Belo Jigonfoy.....	3,551	367	393	164	149	490	343	264	1,383

b) Rural Holdings

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	52,532	6,945	3,012	2,026	2,900	7,736	4,256	5,441	20,214
Metekel Zone.....	30,883	4,124	1,772	1,142	1,827	4,353	2,246	3,395	12,025
Dangur	3,818	550	122	142	272	519	291	530	1,393
Guba	4,180	387	164	138	216	614	148	671	1,842
Wenbera.....	8,041	1,178	497	281	533	1,249	479	930	2,896
Mandura.....	3,343	493	219	99	134	430	262	243	1,463
Dibate	5,831	679	382	271	402	791	523	512	2,270
Pawe	2,165	350	264	102	*	209	152	157	866
Bulen.....	3,506	487	125	109	207	541	391	352	1,293
Asosa Zone.....	9,805	1,254	424	370	519	1,539	918	899	3,883
Menge.....	1,754	205	*	143	*	250	271	115	613
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	3,378	468	*	*	*	550	*	297	1,446
Sherkole.....	579	*	*	-	*	*	*	164	198
Bambasi	1,709	239	129	63	*	288	136	177	605
Oda Godere.....	956	62	*	48	*	*	71	63	431
Komesha	59	-	-	-	*	*	*	*	*
Mao Komo Special.....	1,371	276	48	*	33	268	103	78	553
Kemeshi Zone	11,844	1,568	817	515	553	1,844	1,093	1,148	4,307
Yaso	2,680	449	109	93	126	521	215	234	933
Sirba Abay.....	1,730	157	87	92	128	273	198	224	571
Kamashi	2,298	393	152	112	38	384	179	282	757
Agalo Meti.....	1,584	201	75	53	112	177	158	144	663
Belo Jigonfoy.....	3,551	367	393	164	149	490	343	264	1,383

c) Urban Holdings

by Urban Holdings

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	6,238	993	605	221	227	747	575	318	2,551
Metekel Zone.....	5,812	964	554	196	203	688	520	291	2,396
Dangur	110	*	*	*	-	*	-	*	58
Guba	*	-	-	-	*	-	-	*	*
Wenbera	1,013	122	77	*	65	211	73	74	383
Mandura	205	30	-	6	-	30	24	30	84
Dibate	215	25	*	*	27	*	*	*	86
Pawe	*	*	*	110	*	*	*	105	*
Bulen	622	62	64	50	37	91	40	51	228
Asosa Zone	426	*	*	25	24	*	*	28	155
Menge	37	2	-	8	5	7	-	3	13
Kurmak	2	-	1	-	-	-	-	-	1
Asosa	321	*	*	*	*	*	*	*	123
Sherkole									
Bambasi	65	*	*	*	*	*	*	*	*

TABLE 7-4: NUMBER OF GOATS BY AGE AND SEX OF ANIMAL, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	200,472	24,046	11,515	7,678	11,815	29,007	20,039	22,538	73,832
Metekel Zone	89,119	11,024	5,086	3,227	5,586	13,617	8,692	9,962	31,925
Dangur	12,183	1,720	796	497	741	1,881	1,076	1,396	4,076
Guba	17,504	1,710	781	568	738	2,896	1,651	2,185	6,975
Wenbera.....	14,787	1,649	624	315	1,021	2,449	1,690	1,562	5,477
Mandura.....	11,695	1,751	463	284	612	1,813	838	887	5,046
Dibate	15,147	1,845	1,116	716	1,013	1,968	1,576	1,761	5,153
Pawe	3,312	584	342	*	381	435	191	197	1,153
Bulen	14,491	1,764	964	818	1,080	2,174	1,671	1,974	4,045
Asosa Zone.....	73,181	8,570	4,341	3,031	4,008	9,417	7,523	8,402	27,890
Menge.....	19,410	2,303	1,100	631	1,122	2,435	1,892	2,264	7,662
Kurmak.....	3,238	209	298	187	152	318	334	511	1,230
Asosa.....	13,140	1,944	856	751	589	1,591	1,301	1,183	4,925
Sherkole.....	9,923	894	379	330	580	1,420	1,211	1,420	3,690
Bambasi.....	7,214	908	601	345	419	1,036	684	832	2,387
Oda Godere	11,684	1,049	714	398	771	1,342	1,342	1,403	4,663
Komesha.....	5,087	660	276	288	301	656	374	529	2,002
Mao Komo Special.....	3,485	602	116	102	73	618	385	259	1,330
Kemeshi Zone	38,172	4,453	2,088	1,421	2,222	5,973	3,824	4,174	14,017
Yaso	7,131	885	495	222	380	1,230	672	604	2,643
Sirba Abay.....	11,310	1,191	452	439	692	1,811	1,125	1,440	4,160
Kamashi.....	5,982	918	448	206	309	924	601	669	1,908
Agalo Meti.....	11,981	1,203	597	471	747	1,790	1,270	1,360	4,542
Belo Jefonfov.....	1,767	256	96	83	93	218	156	101	763

b) Rural Holdings

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	197,179	23,483	11,322	7,604	11,519	28,575	19,821	22,356	72,498
Metekel Zone	86,587	10,617	4,916	3,167	5,309	13,269	8,536	9,825	30,949
Dangur	12,118	1,716	789	494	734	1,881	1,058	1,388	4,058
Guba	17,009	1,656	759	539	727	2,827	1,619	2,123	6,760
Wenbera	14,509	1,609	605	310	979	2,411	1,652	1,543	5,401
Mandura	11,598	1,739	463	284	612	1,801	820	856	5,022
Dibate	14,929	1,802	1,103	703	1,007	1,932	1,568	1,751	5,063
Pawe	2,151	360	262	*	170	271	184	192	689
Bulen	14,273	1,736	935	813	1,080	2,147	1,635	1,972	3,956
Asosa Zone	72,420	8,413	4,318	3,017	3,989	9,332	7,461	8,357	27,532
Menge	19,340	2,300	1,097	631	1,120	2,427	1,881	2,258	7,626
Kurmak	3,197	206	297	184	150	309	331	500	1,221
Asosa	12,693	1,827	852	740	578	1,570	1,273	1,169	4,685
Sherkole	9,923	894	379	330	580	1,420	1,211	1,420	3,690
Bambasi	7,011	875	586	345	415	991	665	819	2,315
Oda Godere	11,684	1,049	714	398	771	1,342	1,342	1,403	4,663
Komesha	5,087	660	276	288	301	656	374	529	2,002
Mao Komo Special	3,485	602	116	102	73	618	385	259	1,330
Kemeshi Zone	38,172	4,453	2,088	1,421	2,222	5,973	3,824	4,174	14,017
Yaso	7,131	885	495	222	380	1,230	672	604	2,643
Sirba Abay	11,310	1,191	452	439	692	1,811	1,125	1,440	4,160
Kamashi	5,982	918	448	206	309	924	601	669	1,908
Agalo Meti	11,981	1,203	597	471	747	1,790	1,270	1,360	4,542
Belo Jigonfoy	1,767	256	96	83	93	218	156	101	763

c) Urban Holdings

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALES			
		< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1 - <2 yrs	2 yrs &Over
Benshangul-Gumuz Region	3,293	563	193	74	296	432	218	182	1,334
Metekel Zone	2,532	407	170	60	*	348	156	137	977
Dangur	*	*	*	*	*	-	*	*	*
Guba	495	54	22	29	*	69	32	*	215
Wenbera	278	41	*	*	*	*	*	19	76
Mandura	96	12	-	-	-	12	18	30	24
Dibate	218	43	*	*	*	36	*	*	90
Pawe	*	*	*	*	*	*	*	*	*
Bulen	218	28	*	*	-	28	*	*	90
Asosa Zone	761	*	23	*	19	84	62	45	357
Menge	70	3	3	-	2	8	11	7	36
Kurmak	41	3	1	3	2	9	3	11	9
Asosa	*	*	*	*	*	*	*	*	*
Sherkole									
Bambasi	202	*	*	-	*	*	*	*	72

TABLE 7-5: NUMBER OF HORSES AND ASSES BY AGE AND SEX OF ANIMAL, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

a) Both Rural and Urban Holdings

Geographic Area	HORSES AND ASSES									
	ALL HORSES	HORSES				ALL ASSES	ASSES			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Benshangul-Gumuz Region	559	*	186	*	255	30,952	3,509	17,577	2,566	7,301
Metekel Zone.....	530	*	186	*	226	13,926	1,232	9,757	642	2,294
Dangur	-	-	-	-	-	2,020	278	1,470	90	182
Guba.....	-	-	-	-	-	1,375	158	424	171	622
Wenbera	530	*	186	*	226	4,655	331	3,581	156	588
Mandura	-	-	-	-	-	1,106	104	539	97	367
Dibate.....	-	-	-	-	-	2,385	145	1,924	74	242
Pawe.....	-	-	-	-	-	500	136	176	*	162
Bulen.....	-	-	-	-	-	1,884	80	1,644	*	131
Asosa Zone	*	-	-	-	*	14,089	1,993	5,895	1,742	4,459
Menge	-	-	-	-	-	3,970	666	1,373	490	1,441
Kurmak	-	-	-	-	-	360	*	338	-	-
Asosa.....	-	-	-	-	-	2,601	330	1,428	241	602
Sherkole	-	-	-	-	-	1,710	306	623	245	536
Bambasi	-	-	-	-	-	2,327	337	558	442	990
Oda Godere	-	-	-	-	-	1,253	100	758	74	321
Komesha	-	-	-	-	-	873	115	509	78	172
Mao Komo Special	*	-	-	-	*	993	115	308	172	397
Kemeshi Zone.....	-	-	-	-	-	2,937	283	1,924	181	548
Yaso	-	-	-	-	-	576	*	519	*	46
Sirba Abay	-	-	-	-	-	517	47	280	70	120
Kamashi	-	-	-	-	-	672	48	465	33	127
Agalo Meti	-	-	-	-	-	585	83	271	*	190
Belo Jegonfov	-	-	-	-	-	587	104	389	*	66

b) Rural Holdings

Geographic Area	HORSES AND ASSES									
	ALL HORSES	HORSES				ALL ASSES	ASSES			
		MALE		FEMALE			MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Benshangul-Gumuz Region	491	*	148	*	233	30,234	3,455	17,069	2,524	7,186
Metekel Zone.....	463	*	148	*	204	13,487	1,225	9,389	628	2,244
Dangur	-	-	-	-	-	1,958	278	1,409	90	182
Guba.....	-	-	-	-	-	1,292	154	358	164	615
Wenbera	463	*	148	*	204	4,454	327	3,407	156	565
Mandura	-	-	-	-	-	1,106	104	539	97	367
Dibate.....	-	-	-	-	-	2,334	145	1,882	74	233
Pawe.....	-	-	-	-	-	490	136	176	*	157
Bulen	-	-	-	-	-	1,851	80	1,620	*	126
Asosa Zone	*	-	-	-	*	13,810	1,946	5,756	1,714	4,394
Menge	-	-	-	-	-	3,954	666	1,360	488	1,440
Kurmak	-	-	-	-	-	358	*	336	-	-
Asosa	-	-	-	-	-	2,510	322	1,362	235	591
Sherkole	-	-	-	-	-	1,710	306	623	245	536
Bambasi	-	-	-	-	-	2,157	299	500	422	937
Oda Godere.....	-	-	-	-	-	1,253	100	758	74	321
Komesha	-	-	-	-	-	873	115	509	78	172
Mao Komo Special.....	*	-	-	-	*	993	115	308	172	397
Kemeshi Zone.....	-	-	-	-	-	2,937	283	1,924	181	548
Yaso	-	-	-	-	-	576	*	519	*	46
Sirba Abay	-	-	-	-	-	517	47	280	70	120
Kamashi	-	-	-	-	-	672	48	465	33	127
Agalo Meti	-	-	-	-	-	585	83	271	41	190
Belo Jegonfov	-	-	-	-	-	587	104	389	28	66

c) Urban Holdings

Geographic Area	HORSES AND ASSES									
	HORSES					ASSES				
	ALL HORSES	MALE		FEMALE		ALL ASSES	MALE		FEMALE	
		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more		< 3 Years	3 Yrs & more	< 3 Years	3 Yrs & more
Benshangul-Gumuz Region	68	*	38	*	*	718	54	507	42	115
Metekel Zone	68	*	38	*	*	439	*	368	15	49
Dangur	-	-	-	-	-	62	-	62	-	-
Guba	-	-	-	-	-	83	*	65	*	*
Wenbera	68	*	38	*	*	201	*	174	-	*
Mandura	-	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	51	-	42	-	*
Pawe	-	-	-	-	-	*	-	-	*	*
Bulen	-	-	-	-	-	33	-	25	*	*
Asosa Zone	-	-	-	-	-	279	47	139	28	65
Menge	-	-	-	-	-	16	-	13	2	2
Kurmak	-	-	-	-	-	2	-	2	-	-
Asosa	-	-	-	-	-	91	*	*	*	*
Sherkole	-	-	-	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	170	38	59	20	53
Oda Godere	-	-	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-	-

TABLE 7-6: NUMBER OF MULES AND CAMELS BY AGE AND SEX OF ANIMAL BY ZONE, AND WEREDA

a) Both rural and Urban Holdings

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Benshangul-Gumuz Region	1,394	*	613	*	756	15	-	15	-	-
Metekel Zone.....	660	*	349	-	307	15	-	15	-	-
Dangur	*	-	-	-	*	-	-	-	-	-
Guba	74	-	-	-	74	15	-	15	-	-
Wenbera	333	*	194	-	136	-	-	-	-	-
Mandura	45	-	45	-	-	-	-	-	-	-
Dibate	114	-	91	-	*	-	-	-	-	-
Pawe	*	-	*	-	-	-	-	-	-	-
Bulen	*	-	*	-	-	-	-	-	-	-
Asosa Zone	499	*	121	*	357	-	-	-	-	-
Menge	117	*	*	-	98	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-	-
Asosa	133	-	*	-	130	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-	-	-
Bambasi	92	-	*	*	40	-	-	-	-	-
Oda Godere	*	-	*	-	*	-	-	-	-	-
Komesha	*	-	-	-	*	-	-	-	-	-
Mao Komo Special	80	-	*	-	*	-	-	-	-	-
Kemeshi Zone.....	235	-	143	-	92	-	-	-	-	-
Yaso	40	-	*	-	25	-	-	-	-	-
Sirba Abay	62	-	32	-	30	-	-	-	-	-
Kamashi	59	-	41	-	*	-	-	-	-	-
Agalo Meti	*	-	*	-	*	-	-	-	-	-
Belo Jegonfov	*	-	*	-	-	-	-	-	-	-

b) Rural Holdings

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Benshangul-Gumuz Region	1,344	*	586	*	737	-	-	-	-	-
Metekel Zone	620	-	326	-	295	-	-	-	-	-
Dangur	74	-	-	-	74	-	-	-	-	-
Guba	74	-	-	-	74	-	-	-	-	-
Wenbera	299	-	173	-	125	-	-	-	-	-
Mandura	45	-	45	-	-	-	-	-	-	-
Dibate	112	-	91	-	*	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-	-
Bulen	*	-	*	-	-	-	-	-	-	-
Asosa Zone	489	*	118	*	350	-	-	-	-	-
Menge	117	*	*	-	98	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-	-
Asosa	130	-	-	-	130	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-	-	-
Bambasi	85	-	*	*	*	-	-	-	-	-
Oda Godere	*	-	*	-	*	-	-	-	-	-
Komesha	*	-	-	-	*	-	-	-	-	-
Mao Komo Special	80	-	54	-	*	-	-	-	-	-
Kemeshi Zone	235	-	143	-	92	-	-	-	-	-
Yaso	40	-	15	-	25	-	-	-	-	-
Sirba Abay	62	-	32	-	30	-	-	-	-	-
Kamashi	59	-	41	-	*	-	-	-	-	-
Agalo Meti	*	-	*	-	*	-	-	-	-	-
Belo Jigonfo	49	-	49	-	-	-	-	-	-	-

c) Urban Holdings

Geographic Area	MULES					CAMELS				
	All Mules	MALE		FEMALE		All Camels	MALE		FEMALE	
		< 3 Years	3 Years and Older	< 3 Years	3 Years and Older		< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Benshangul-Gumuz Region	50	*	27	-	*	15	-	15	-	-
Metekel Zone	40	*	24	-	*	15	-	15	-	-
Dangur	-	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	15	-	15	-	-
Wenbera	35	*	20	-	*	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	*	-	-	-	-	-
Pawe	*	-	*	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-	-
Asosa Zone	*	-	*	-	*	-	-	-	-	-
Menge	-	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-	-
Asosa	*	-	*	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	*	-	-	-	-	-

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

a) Both Rural and Urban Holdings

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Benshangul-Gumuz Region	180,810	67,553	1,289	4,676	1,693	66,031	1,766	608	34,801	2,394
Metekel Zone	112,415	40,964	922	3,677	754	38,095	723	397	25,797	1,086
Dangur	6,986	2,995	*	*	*	2,298	43	-	1,228	*
Guba	4,252	-	105	396	-	1,229	-	*	2,512	-
Wenbera	25,744	9,497	285	651	328	11,420	*	128	2,790	584
Mandura	6,261	1,730	92	250	*	1,692	-	*	2,423	6
Dibate	32,530	11,994	214	1,168	201	10,392	235	*	8,050	226
Pawe	20,003	9,390	63	303	*	5,184	266	62	4,591	126
Bulen	16,639	5,359	*	822	*	5,879	119	*	4,203	*
Asosa Zone	49,617	20,825	262	395	651	21,051	854	*	4,514	955
Menge	1,190	907	-	3	*	*	-	-	136	-
Kurmak	-	-	-	-	-	-	-	-	-	-
Asosa	21,166	9,727	*	*	*	8,179	622	*	1,919	381
Sherkole	223	*	*	-	165	*	-	-	-	-
Bambasi	16,053	6,416	63	205	150	6,865	45	*	1,711	488
Oda Godere	5,057	1,758	*	*	*	2,577	*	-	391	*
Komesha	232	90	-	*	*	*	*	-	*	-
Mao Komo Special	5,696	1,915	*	*	55	3,284	*	-	289	*
Kemeshi Zone	18,778	5,764	105	604	288	6,885	189	101	4,490	353
Yaso	5,554	1,412	*	154	126	1,680	74	21	1,903	144
Sirba Abay	1,930	138	*	*	*	433	-	*	1,054	-
Kamashi	2,681	627	*	*	139	1,474	64	*	86	209
Agalo Meti	2,426	482	*	115	*	818	*	*	*	-
Belo Jigonfoy	6,186	3,106	-	69	-	2,481	38	*	486	-

b) Rural Holdings

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Benshangul-Gumuz Region	168,259	64,174	1,243	4,305	1,577	60,550	1,569	580	32,106	2,154
Metekel Zone	102,439	38,157	893	3,390	645	34,271	547	374	23,304	859
Dangur	6,604	2,753	*	*	*	2,234	*	-	1,173	*
Guba	3,885	-	105	345	-	1,020	-	*	2,408	-
Wenbera	24,218	9,067	285	640	267	10,577	*	128	2,765	433
Mandura	5,808	1,609	92	250	*	1,367	-	*	2,423	-
Dibate	31,680	11,759	211	1,136	153	10,266	235	*	7,694	188
Pawe	15,224	8,049	63	159	*	3,883	125	53	2,779	93
Bulen	15,020	4,919	*	773	*	4,924	102	*	4,063	*
Asosa Zone	47,041	20,252	245	311	645	19,394	833	*	4,312	943
Menge	1,171	899	-	-	*	*	-	-	128	-
Kurmak	-	-	-	-	-	-	-	-	-	-
Asosa	20,171	9,592	*	*	*	7,447	614	-	1,832	376
Sherkole	223	*	*	-	165	*	-	-	-	-
Bambasi	14,492	5,987	*	148	147	5,940	*	*	1,605	481
Oda Godere	5,057	1,758	*	*	*	2,577	*	-	391	*
Komesha	232	90	-	*	*	*	*	-	*	-
Mao Komo Special	5,696	1,915	*	*	55	3,284	*	-	289	*
Kemeshi Zone	18,778	5,764	105	604	288	6,885	189	101	4,490	353
Yaso	5,554	1,412	*	154	126	1,680	74	21	1,903	144
Sirba Abay	1,930	138	*	*	*	433	-	*	1,054	-
Kamashi	2,681	627	*	*	139	1,474	64	14	86	209
Agalo Meti	2,426	482	*	115	*	818	*	*	*	-
Belo Jigonfoy	6,186	3,106	-	69	-	2,481	38	6	486	-

c) Urban Holdings

Geographic Area	CATTLE AGED 3 – 10 YEARS									
	Total	MALE				FEMALE				
		Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Benshangul-Gumuz Region.....	12,552	3,379	46	371	116	5,481	*	28	2,695	240
Metekel Zone	9,976	2,807	*	287	110	3,824	*	23	2,493	228
Dangur.....	382	241	*	-	-	65	14	-	56	-
Guba	367	-	-	51	-	209	-	*	104	-
Wenbera	1,526	430	-	*	*	844	*	-	26	151
Mandura	452	121	-	-	-	326	-	-	-	6
Dibate	850	235	*	32	48	126	-	*	356	39
Pawe	4,779	1,340	-	*	*	1,300	*	*	*	*
Bulen	1,620	440	*	49	-	955	*	-	141	-
Asosa Zone.....	2,576	572	*	*	*	1,657	*	*	201	*
Menge.....	20	8	-	3	-	-	-	-	8	-
Kurmak.....	-	-	-	-	-	-	-	-	-	-
Asosa	995	136	-	*	*	732	*	*	87	*
Sherkole.....	-	-	-	-	-	-	-	-	-	-
Bambasi.....	1,561	429	*	*	*	925	*	*	106	*
Oda Godere	-	-	-	-	-	-	-	-	-	-

TABLE 7-8: SHEEP AGED 2 AND OLDER BY SEX AND PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	SHEEP AGED 2 AND OLDER									
	Total	MALE				FEMALE				
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other	
Benshangul-Gumuz Region.....	25,893	829	-	2,102	197	381	*	22,178	176	
Metekel Zone	16,451	599	-	1,308	123	224	*	14,125	45	
Dangur.....	1,723	*	-	152	*	*	-	1,428	*	
Guba	2,065	*	-	200	*	*	-	1,842	*	
Wenbera	3,876	210	-	299	90	105	*	3,152	*	
Mandura	1,682	*	-	124	-	*	-	1,521	*	
Dibate	2,785	168	-	261	-	*	-	2,282	*	
Pawe	2,554	*	-	*	-	*	-	2,416	-	
Bulen	1,765	24	-	220	-	*	*	1,485	*	
Asosa Zone.....	4,582	155	-	336	*	49	-	3,865	*	
Menge.....	738	*	-	*	-	*	-	614	2	
Kurmak.....	1	-	-	-	-	-	-	1	-	
Asosa	1,777	*	-	*	*	*	-	1,460	*	
Sherkole.....	218	*	-	*	-	-	-	198	-	
Bambasi.....	701	*	-	*	-	*	-	599	-	
Oda Godere	520	*	-	*	*	*	-	424	-	
Komesha.....	*	-	-	*	-	-	-	*	-	
Mao Komo Special.....	586	-	-	*	-	-	-	532	*	
Kemeshi Zone	4,860	75	-	457	*	108	*	4,188	*	
Yaso.....	1,059	*	-	109	*	53	*	876	-	
Sirba Abay.....	700	*	-	95	*	*	-	562	-	
Kamashi.....	795	-	-	38	-	-	-	750	*	
Agalo Meti.....	775	15	-	97	-	-	-	663	-	
Belo Jigonfoy.....	1,531	*	-	119	-	46	-	1,336	-	

b) Rural Holdings

Geographic Area	SHEEP AGED 2 AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Benshangul-Gumuz Region	23,114	700	-	2,025	175	367	*	19,677	-
Metekel Zone	13,852	474	-	1,252	102	221	*	11,756	-
Dangur	1,665	*	-	152	*	*	-	1,370	-
Guba	2,058	*	-	200	6	*	-	1,838	-
Wenbera	3,429	189	-	276	68	105	*	2,783	-
Mandura	1,597	*	-	124	-	*	-	1,436	-
Dibate	2,672	152	-	250	-	*	-	2,199	-
Pawe	930	*	-	*	-	-	-	866	-
Bulen	1,500	*	-	197	-	*	*	1,264	-
Asosa Zone	4,402	151	-	316	*	38	-	3,734	-
Menge	720	*	-	*	-	*	-	606	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	1,641	*	-	*	*	-	-	1,356	-
Sherkole	218	*	-	*	-	-	-	198	-
Bambasi	676	-	-	*	-	*	-	580	-
Oda Godere	520	*	-	*	*	*	-	424	-
Komesha	42	-	-	*	-	-	-	*	-
Mao Komo Special	586	-	-	33	-	-	-	532	-
Kemeshi Zone	4,860	75	-	457	*	108	*	4,188	-
Yaso	1,059	*	-	109	*	53	*	876	-
Sirba Abay	700	*	-	95	*	*	-	562	-
Kamashi	795	-	-	38	-	-	-	750	-
Agalo Meti	775	15	-	97	-	-	-	663	-
Belo Jigonfov	1,531	*	-	119	-	46	-	1,336	-

c) Urban Holdings

Geographic Area	SHEEP AGED 2 AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Benshangul-Gumuz Region	2,779	129	-	77	*	*	-	2,501	37
Metekel Zone.....	2,599	125	-	57	*	*	-	2,369	*
Dangur	58	-	-	-	-	-	-	58	-
Guba.....	*	*	-	-	-	-	-	*	-
Wenbera.....	448	*	-	23	*	-	-	370	*
Mandura.....	84	-	-	-	-	-	-	84	-
Dibate.....	113	*	-	*	-	-	-	83	*
Pawe.....	*	*	-	-	-	*	-	*	-
Bulen.....	265	*	-	23	-	-	-	220	*
Asosa Zone	180	*	-	20	-	*	-	132	*
Menge	18	-	-	5	-	3	-	8	2
Kurmak	1	-	-	-	-	-	-	1	-
Asosa	136	*	-	*	-	*	-	104	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	*	-	*	-	-	-	*	-

TABLE 7-9: GOATS AGED 2 AND OLDER BY SEX AND PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	GOATS AGED 2 AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Benshangul-Gumuz Region	85,647	3,129	8,356	331	1,076	509	71,498	750
Metekel Zone	37,511	1,867	3,655	*	581	244	30,971	130
Dangur	4,817	331	391	*	*	*	3,971	*
Guba	7,713	192	546	-	125	91	6,756	*
Wenbera	6,498	385	599	*	*	*	5,041	*
Mandura	5,658	196	409	*	*	*	4,993	6
Dibate	6,166	249	764	-	*	*	5,033	*
Pawe	1,534	276	*	-	*	*	1,133	-
Bulen	5,125	236	843	-	-	-	4,045	-
Asosa Zone	31,897	1,018	2,809	181	147	224	26,951	567
Menge	8,784	82	915	*	*	*	7,304	*
Kurmak	1,382	*	99	-	-	*	1,208	1
Asosa	5,514	*	296	-	*	*	4,841	*
Sherkole	4,270	200	371	*	*	*	3,545	*
Bambasi	2,806	133	276	*	*	*	2,209	*
Oda Godere	5,435	*	535	*	-	*	4,614	*
Komesha	2,304	*	252	*	*	*	1,901	*
Mao Komo Special	1,403	*	64	-	-	-	1,330	-
Kemeshi Zone	16,239	244	1,892	86	348	*	13,576	*
Yaso	3,024	39	341	-	*	*	2,533	-
Sirba Abay	4,852	79	584	*	*	*	3,993	*
Kamashi	2,217	45	221	*	*	-	1,861	*
Agalo Meti	5,289	59	674	*	*	-	4,490	*
Belo Jigonfoy	857	*	71	-	*	*	699	-

b) Rural Holdings

Geographic Area	GOATS AGED 2 AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Benshangul-Gumuz Region	84,017	2,947	8,245	326	1,076	501	70,190	732
Metekel Zone	36,257	1,686	3,563	*	581	238	30,017	113
Dangur	4,793	328	387	*	*	*	3,954	*
Guba	7,487	181	546	-	125	91	6,544	-
Wenbera	6,380	362	584	*	*	*	4,965	*
Mandura	5,634	196	409	*	*	*	4,981	-
Dibate	6,071	247	761	-	*	*	4,950	*
Pawe	858	136	*	-	*	*	668	-
Bulen	5,035	236	843	-	-	-	3,956	-
Asosa Zone	31,521	1,018	2,790	181	147	222	26,596	566
Menge	8,746	82	914	124	*	*	7,268	*
Kurmak	1,371	*	97	-	-	*	1,202	-
Asosa	5,263	*	285	-	*	*	4,600	*
Sherkole	4,270	200	371	*	*	*	3,545	*
Bambasi	2,730	133	272	*	*	*	2,137	*
Oda Godere	5,435	*	535	*	-	*	4,614	*
Komesha	2,304	*	252	*	*	*	1,901	*
Mao Komo Special	1,403	*	64	-	-	-	1,330	-
Kemeshi Zone	16,239	244	1,892	86	348	*	13,576	*
Yaso	3,024	39	341	-	*	*	2,533	-
Sirba Abay	4,852	79	584	*	*	*	3,993	*
Kamashi	2,217	45	221	*	*	-	1,861	*
Agalo Meti	5,289	59	674	14	*	-	4,490	*
Belo Jigonfoy	857	*	71	-	*	*	699	-

c) Urban Holdings

GOATS AGED 2 AND OLDER									
Geographic Area	Total	MALES			FEMALES				
		Meat	Breeding	Other	Meat	Milk	Breeding	Other	
Benshangul-Gumuz Region	1,630	*	110	*	-	8	1,309	17	
Metekel Zone.....	1,254	*	*	*	-	6	954	16	
Dangur	*	*	*	-	-	-	*	-	
Guba.....	226	*	-	-	-	-	212	*	
Wenbera.....	*	*	*	*	-	-	76	-	
Mandura.....	24	-	-	-	-	6	12	6	
Dibate.....	95	*	*	-	-	-	83	*	
Pawe.....	*	*	*	-	-	-	*	-	
Bulen.....	90	-	-	-	-	-	90	-	
Asosa Zone	376	-	19	-	-	2	354	1	
Menge	37	-	2	-	-	-	36	-	
Kurmak	11	-	2	-	-	2	6	1	
Asosa.....	*	-	*	-	-	-	*	-	
Sherkole.....	-	-	-	-	-	-	-	-	
Bambasi	76	-	*	-	-	-	72	-	
Oda Godere.....	-	-	-	-	-	-	-	-	

TABLE 7-10: HORSES BY SEX AND PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	HORSES AGED 3 AND OLDER						
	Total	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	441	182	*	-	92	*	148
Metekel Zone	412	182	*	-	63	*	148
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	412	182	*	-	63	*	148
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone.....	*	-	-	-	*	-	-
Menge.....	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole.....	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha.....	-	-	-	-	-	-	-
Mao Komo Special.....	*	-	-	-	*	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso.....	-	-	-	-	-	-	-
Sirba Abay.....	-	-	-	-	-	-	-
Kamashi.....	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy.....	-	-	-	-	-	-	-

b) Rural Holdings

Geographic Area	HORSES AGED 3 AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	381	148	-	-	77	*	141
Metekel Zone	352	148	-	-	*	*	141
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	352	148	-	-	*	*	141
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	*	-	-	-	*	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	-	-	-	*	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

c) Urban Holdings

Geographic Area	HORSES AGED 3 AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	60	34	*	-	*	-	*
Metekel Zone	60	34	*	-	*	-	*
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	60	34	*	-	*	-	*
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-

TABLE 7-11: ASSES AGED 3 YEARS AND OVER BY SEX AND PURPOSE, ZONE, AND WEREDA
a) Both Rural and Urban Holdings

Geographic Area	ASSES AGED 3 YEARS AND OLDER							
	TOTAL	MALES				FEMALES		
		Transportation	Draught	Other		Transportation	Draught	Other
Benshangul-Gumuz Region.....	24,877	12,455	4,670	452		5,509	1,013	778
Metekel Zone	12,051	5,623	3,744	391		1,575	478	241
Dangur	1,652	201	1,107	*		-	137	*
Guba	1,046	419	-	*		607	-	*
Wenbera	4,169	2,123	1,263	196		383	124	*
Mandura	905	530	-	*		339	-	*
Dibate	2,166	1,842	63	*		164	*	*
Pawe	337	*	121	-		*	136	-
Bulen	1,776	453	1,191	-		*	*	*
Asosa Zone	10,354	5,497	377	*		3,473	493	493
Menge	2,815	1,338	*	*		1,142	-	299
Kurmak	338	338	-	-		-	-	-
Asosa	2,029	1,264	*	*		496	*	*
Sherkole	1,159	601	*	-		518	*	-
Bambasi	1,548	513	*	-		665	270	55
Oda Godere	1,079	697	*	-		270	*	-
Komesha	680	485	18	*		96	*	70
Mao Komo Special	706	262	*	*		286	*	*
Kemeshi Zone	2,472	1,335	549	40		461	42	45
Yaso	565	351	158	*		37	-	*
Sirba Abay	400	250	*	*		95	-	*
Kamashi	592	416	41	*		127	-	-
Agalo Meti	461	214	52	*		161	18	*
Belo Jigonfoy	455	104	285	-		42	*	-

b) Rural Holdings

Geographic Area	ASSES AGED 3 YEARS AND OLDER							
	TOTAL	MALES				FEMALES		
		Transportation	Draught	Other		Transportation	Draught	Other
Benshangul-Gumuz Region.....	24,255	12,061	4,595	414		5,426	994	765
Metekel Zone	11,634	5,362	3,671	356		1,543	467	234
Dangur	1,590	*	1,104	*		-	137	*
Guba	974	354	-	*		600	-	*
Wenbera	3,972	2,003	1,243	161		364	124	*
Mandura	905	530	-	*		339	-	*
Dibate	2,115	1,831	*	*		164	*	*
Pawe	332	*	121	-		*	136	-
Bulen	1,745	447	1,172	-		*	*	*
Asosa Zone	10,149	5,364	375	*		3,422	485	486
Menge	2,800	1,325	*	*		1,140	-	299
Kurmak	336	336	-	-		-	-	-
Asosa	1,953	1,202	*	-		489	*	*
Sherkole	1,159	601	*	-		518	*	-
Bambasi	1,437	457	*	-		622	262	52
Oda Godere	1,079	697	*	-		270	*	-
Komesha	680	485	18	*		96	*	70
Mao Komo Special	706	262	*	*		286	*	*
Kemeshi Zone	2,472	1,335	549	40		461	42	45
Yaso	565	351	158	*		37	-	*
Sirba Abay	400	250	*	*		95	-	25
Kamashi	592	416	41	*		127	-	-
Agalo Meti	461	214	52	*		161	18	*
Belo Jigonfoy	455	104	285	-		42	*	-

c) Urban Holdings

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	622	394	75	38	83	19	*
Metekel Zone	417	260	73	35	32	*	*
Dangur	62	58	*	-	-	-	-
Guba	73	65	-	-	*	-	-
Wenbera	197	120	20	35	*	-	*
Mandura	-	-	-	-	-	-	-
Dibate	51	11	31	-	-	*	*
Pawe	*	-	-	-	*	-	-
Bulen	30	*	18	-	-	*	-
Asosa Zone	205	134	*	*	51	*	*
Menge	15	13	-	-	2	-	-
Kurmak	2	2	-	-	-	-	-
Asosa	77	*	-	*	*	-	*
Bambasi	112	56	*	-	42	*	*

TABLE 7-12: MULES AGED 3 YEARS AND ABOVE BY SEX AND PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	1,370	583	*	-	745	*	-
Metekel Zone	656	340	*	-	307	-	-
Dangur	*	-	-	-	*	-	-
Guba	74	-	-	-	74	-	-
Wenbera	329	185	*	-	136	-	-
Mandura	45	45	-	-	-	-	-
Dibate	114	91	-	-	*	-	-
Pawe	*	*	-	-	-	-	-
Bulen	*	*	-	-	-	-	-
Asosa Zone	479	121	-	-	346	*	-
Menge	108	*	-	-	98	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	133	*	-	-	130	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	81	*	-	-	*	*	-
Oda Godere	*	*	-	-	*	-	-
Komesha	*	-	-	-	*	-	-
Mao Komo Special	80	*	-	-	*	-	-
Kemeshi Zone	235	122	*	-	92	-	-
Yaso	40	*	-	-	25	-	-
Sirba Abay	62	32	-	-	30	-	-
Kamashi	59	41	-	-	*	-	-
Agalo Meti	*	*	-	-	*	-	-
Belo Jigonfoy	*	*	*	-	-	-	-

b) Rural Holdings

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	1,323	557	30	-	726	*	-
Metekel Zone	620	317	*	-	295	-	-
Dangur	74	-	-	-	74	-	-
Guba	74	-	-	-	74	-	-
Wenbera	299	164	*	-	125	-	-
Mandura	45	45	-	-	-	-	-
Dibate	112	91	-	-	*	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	-	-	-	-	-
Asosa Zone	468	118	-	-	339	*	-
Menge	108	*	-	-	98	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	130	-	-	-	130	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	74	*	-	-	*	*	-
Oda Godere	*	*	-	-	*	-	-
Komesha	*	-	-	-	*	-	-
Mao Komo Special	80	54	-	-	*	-	-
Kemeshi Zone	235	122	*	-	92	-	-
Yaso	40	15	-	-	25	-	-
Sirba Abay	62	32	-	-	30	-	-
Kamashi	59	41	-	-	*	-	-
Agalo Meti	*	*	-	-	*	-	-
Belo Jegonfoy	49	28	*	-	-	-	-

c) Urban Holdings

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Benshangul-Gumuz Region	46	27	-	-	*	-	-
Metekel Zone	36	24	-	-	*	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	31	20	-	-	*	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	-	-	-	*	-	-
Pawe	*	*	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	*	*	-	-	*	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	-	-	-	-	-
Bambasi	*	-	-	-	*	-	-

TABLE 7-13: CAMELS BY SEX AND PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

a) Both Rural and Urban Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER							
	TOTAL	MALES			FEMALES			
		Transportation	Draught	Other	Milk	Transportation	Draught	Other
Benshangul-Gumuz Region	15	15	-	-	-	-	-	-
Metekel Zone.....	15	15	-	-	-	-	-	-
Dangur			-	-	-	-	-	-
Guba	15	15	-	-	-	-	-	-
Wenbera			-	-	-	-	-	-
Mandura			-	-	-	-	-	-
Dibate			-	-	-	-	-	-
Pawe			-	-	-	-	-	-
Bulen			-	-	-	-	-	-
Asosa Zone			-	-	-	-	-	-
Menge			-	-	-	-	-	-
Kurmak			-	-	-	-	-	-
Asosa			-	-	-	-	-	-
Sherkole			-	-	-	-	-	-
Bambasi			-	-	-	-	-	-
Oda Godere			-	-	-	-	-	-
Komesha			-	-	-	-	-	-
Mao Komo Special			-	-	-	-	-	-
Kemeshi Zone.....			-	-	-	-	-	-
Yaso			-	-	-	-	-	-
Sirba Abay			-	-	-	-	-	-
Kamashi			-	-	-	-	-	-
Agalo Meti			-	-	-	-	-	-
Belo Jigonfov			-	-	-	-	-	-

b) Rural Holdings

7) Rural Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER							
	TOTAL	MALES			FEMALES			
		Transportation	Draught	Other	Milk	Transportation	Draught	Other
Benshangul-Gumuz Region								
Metekel Zone.....								
Dangur								
Guba								
Wenbera								
Mandura								
Dibate								
Pawe								
Bulen								
Asosa Zone								
Menge								
Kurmak								
Asosa								
Sherkole								
Bambasi								
Oda Godere								
Komesha								
Mao Komo Special								
Kemeshi Zone.....								
Yaso								
Sirba Abay								
Kamashi								
Agalo Meti								
Belo Jegonfov								

c) Urban Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER							
	TOTAL	MALES			FEMALES			
		Transportation	Draught	Other	Milk	Transportation	Draught	Other
Benshangul-Gumuz Region	15	15	-	-	-	-	-	-
Metekel Zone	15	15	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	15	15	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-	-

TABLE 7-14: POULTRY INVENTORY BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/ Hen/Clutch
Benshangul-Gumuz Region.....	961,196	70,591	77,869	120,180	27,901	469,573	195,082	18	12
Metekel Zone	415,005	27,701	35,219	49,342	16,808	212,363	73,572	19	12
Dangur.....	57,210	3,502	5,559	6,593	2,525	29,763	9,251	17	12
Guba	30,040	1,568	2,704	4,494	1,481	14,449	5,324	17	12
Wenbera	67,739	6,064	4,314	6,314	2,490	35,115	13,416	18	12
Mandura	39,907	2,415	3,887	5,459	1,363	19,521	7,263	17	12
Dibate	79,007	4,930	6,049	9,095	4,086	42,829	12,016	17	11
Pawe	58,270	2,686	6,588	7,898	963	42,125	10,207	20	13
Bulen	60,612	5,311	6,120	6,762	3,296	28,560	10,564	17	12
Asosa Zone.....	403,153	32,286	31,297	53,138	7,374	182,730	96,329	18	11
Menge.....	54,328	3,642	3,627	7,863	840	24,086	14,271	15	11
Kurmak.....	25,357	2,757	1,909	3,311	1,111	9,591	6,677	17	13
Asosa	130,031	11,628	11,054	18,409	1,892	55,734	31,314	18	10
Sherkole.....	39,346	3,112	3,926	5,479	480	16,954	9,396	15	11
Bambasi.....	67,282	5,259	5,261	7,821	1,308	33,032	14,599	18	11
Oda Godere	44,157	2,588	2,405	4,914	355	24,137	9,757	16	10
Komesha.....	19,155	1,663	1,484	2,637	613	7,547	5,210	18	11
Mao Komo Special.....	23,498	1,637	1,630	2,703	774	11,649	5,105	15	11
Kemeshi Zone	143,037	10,604	11,352	17,700	3,719	74,480	25,181	17	11
Yaso.....	22,141	1,879	2,122	2,891	1,197	10,442	3,611	17	12
Sirba Abay.....	26,086	2,003	1,922	3,082	1,201	13,693	4,185	14	10
Kamashi.....	26,112	1,605	2,106	4,127	119	13,412	4,741	16	10
Agalo Meti	21,904	1,845	1,511	2,199	429	11,299	4,621	16	10
Belo Jegonfoy	46,793	3,272	3,692	5,400	773	25,634	8,022	18	11

b) Rural Holdings

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/Hen/Clutch
Benshangul-Gumuz Region	905,258	66,931	73,732	113,306	27,015	442,767	181,508	16	11
Metekel Zone.....	379,349	25,687	32,643	44,972	16,046	194,881	65,121	17	11
Dangur	55,326	3,409	5,445	6,400	2,525	28,716	8,831	16	11
Guba.....	28,513	1,436	2,533	4,316	1,481	13,822	4,926	18	12
Wenbera.....	65,644	5,940	4,216	6,124	2,490	33,990	12,884	16	11
Mandura.....	38,430	2,379	3,772	5,230	1,363	18,647	7,040	16	12
Dibate.....	76,132	4,770	5,740	8,624	4,024	41,475	11,498	16	11
Pawe.....	58,270	2,686	5,124	7,898	963	31,392	10,207	19	12
Bulen.....	57,034	5,069	5,814	6,378	3,200	26,838	9,736	15	11
Asosa Zone.....	382,872	30,640	29,736	50,634	7,250	173,406	91,206	16	10
Menge.....	54,043	3,635	3,620	7,842	829	23,923	14,194	15	11
Kurmak.....	25,149	2,730	1,891	3,287	1,110	9,512	6,618	17	11
Asosa.....	115,225	10,352	9,926	16,763	1,814	48,801	27,569	16	9
Sherkole.....	39,346	3,112	3,926	5,479	480	16,954	9,396	15	11
Bambasi.....	62,300	4,923	4,853	7,008	1,275	30,883	13,356	17	10
Oda Godere.....	44,157	2,588	2,405	4,914	355	24,137	9,757	16	10
Komesha.....	19,155	1,663	1,484	2,637	613	7,547	5,210	18	11
Mao Komo Special.....	23,498	1,637	1,630	2,703	774	11,649	5,105	15	11
Kemeshi Zone	143,037	10,604	11,352	17,700	3,719	74,480	25,181	17	11
Yaso.....	22,141	1,879	2,122	2,891	1,197	10,442	3,611	17	12
Sirba Abay.....	26,086	2,003	1,922	3,082	1,201	13,693	4,185	14	10
Kamashi.....	26,112	1,605	2,106	4,127	119	13,412	4,741	16	10
Agalo Meti.....	21,904	1,845	1,511	2,199	429	11,299	4,621	16	10
Belo Jigonfoy.....	46,793	3,272	3,692	5,400	773	25,634	8,022	18	11

c) Urban Holdings

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/Hen/Clutch
Benshangul-Gumuz Region.....	55,938	3,660	4,137	6,874	886	26,806	13,574	19	12
Metekel Zone.....	35,656	2,014	2,576	4,370	762	17,482	8,451	20	12
Dangur	1,884	93	114	193	*	1,047	420	17	13
Guba.....	1,527	132	171	178	*	627	398	16	11
Wenbera.....	2,095	124	98	190	*	1,125	532	19	13
Mandura.....	1,477	36	115	229	-	874	223	18	12
Dibate.....	2,875	160	309	471	62	1,354	518	18	11
Pawe.....	*	*	1,464	*	*	10,733	-	21	13
Bulen.....	3,578	242	306	384	96	1,722	828	18	12
Asosa Zone.....	20,281	1,646	1,561	2,504	124	9,324	5,123	19	11
Menge.....	285	7	7	21	11	163	77	14	11
Kurmak.....	208	27	18	24	1	79	59	17	15
Asosa.....	14,806	1,276	1,128	1,646	78	6,933	3,745	19	11
Bambasi.....	4,982	336	408	813	33	2,149	1,243	18	11

TABLE 7-15: BEEHIVE INVENTORY AND PRODUCTION OF HONEY BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

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
Benshangul-Gumuz Region	166,736	745,655	166,499	1	743,721	*	1	*	*	2	*
Metekel Zone	72,491	462,921	72,469	1	462,831	*	1	*	-	-	-
Dangur	20,125	174,129	20,125	1	174,129	-	-	-	-	-	-
Guba	297	3,350	297	2	3,350	-	-	-	-	-	-
Wenbera	16,636	45,362	16,636	1	45,362	-	-	-	-	-	-
Mandura	6,872	54,137	6,872	2	54,137	-	-	-	-	-	-
Dibate	14,039	68,124	14,039	2	8,710	-	-	-	-	-	-
Pawe	1,459	8,799	1,437	2	8,710	*	1	*	-	-	-
Bulen	13,063	*	13,063	1	*	-	-	-	-	-	-
Asosa Zone	59,695	175,135	59,574	1	57,881	-	-	-	*	2	*
Menge	*	*	*	1	*	-	-	-	-	-	-
Kurmak	*	*	*	2	*	-	-	-	-	-	-
Asosa	31,834	59,726	31,686	1	57,881	-	-	-	*	2	*
Sherkole	-	-	-	-	-	-	-	-	-	-	-
Bambasi	14,151	53,013	14,151	1	53,053	-	-	-	-	-	-
Oda Godere	4,817	10,371	4,817	1	10,371	-	-	-	-	-	-
Komesha	3,003	9,191	3,003	1	9,191	-	-	-	-	-	-
Mao Komo Special	5,317	39,003	5,317	1	39,003	-	-	-	-	-	-
Kemeshi Zone	34,549	107,600	34,483	1	107,600	*	-	-	-	-	-
Yaso	6,838	18,410	6,771	1	18,410	*	-	-	-	-	-
Sirba Abay	7,291	12,266	7,291	1	12,266	-	-	-	-	-	-
Kamashi	422	584	422	1	584	-	-	-	-	-	-
Agalo Meti	11,737	31,978	11,737	1	31,978	-	-	-	-	-	-
Belo Jigonfoy	8,261	44,362	8,261	1	44,362	-	-	-	-	-	-

b) Rural Holdings

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
Benshangul-Gumuz Region	165,116	739,375	164,879	1	737,441	*	1	*	*	2	*
Metekel Zone	71,584	457,957	71,561	1	457,867	*	1	*	-	-	-
Dangur	20,108	173,786	20,108	1	173,786	-	-	-	-	-	-
Guba	297	3,350	297	2	3,350	-	-	-	-	-	-
Wenbera	16,556	45,174	16,556	1	45,174	-	-	-	-	-	-
Mandura	6,782	53,378	6,782	2	53,378	-	-	-	-	-	-
Dibate	13,962	67,818	13,962	2	67,818	-	-	-	-	-	-
Pawe	1,032	6,108	1,010	2	6,019	*	1	*	-	-	-
Bulen	12,847	108,344	12,847	1	108,344	-	-	-	-	-	-
Asosa Zone	58,983	173,819	58,835	1	171,974	-	-	-	*	2	*
Menge	*	2,964	*	1	2,964	-	-	-	-	-	-
Kurmak	*	846	*	2	846	-	-	-	-	-	-
Asosa	31,397	59,044	31,249	1	57,199	-	-	-	*	2	*
Sherkole	-	-	-	-	-	-	-	-	-	-	-
Bambasi	13,877	52,399	13,877	1	52,399	-	-	-	-	-	-
Oda Godere	4,817	10,371	4,817	1	10,371	-	-	-	-	-	-
Komesha	3,003	9,191	3,003	1	9,191	-	-	-	-	-	-
Mao Komo Special	5,317	39,003	5,317	1	39,003	-	-	-	-	-	-
Kemeshi Zone	34,549	107,600	34,483	1	107,600	*	-	-	-	-	-
Yaso	6,838	18,410	6,771	1	18,410	*	-	-	-	-	-
Sirba Abay	7,291	12,266	7,291	1	12,266	-	-	-	-	-	-
Kamashi	422	584	422	1	584	-	-	-	-	-	-
Agalo Meti	11,737	31,978	11,737	1	31,978	-	-	-	-	-	-
Belo Jigonfoy	8,261	44,362	8,261	1	44,362	-	-	-	-	-	-

c) Urban Holdings

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
Benshangul-Gumuz Region.....	1,620	6,280	1,620	2	6,280	-	-	-	-	-	-
Metekel Zone	908	4,964	908	2	4,964	-	-	-	-	-	-
Dangur.....	*	*	*	2	*	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-	-	-
Wenbera	*	*	*	1	*	-	-	-	-	-	-
Mandura	90	760	90	2	760	-	-	-	-	-	-
Dibate	*	*	*	2	*	-	-	-	-	-	-
Pawe	*	*	*	2	*	-	-	-	-	-	-
Bulen	*	*	*	1	*	-	-	-	-	-	-
Asosa Zone.....	712	*	712	1	*	-	-	-	-	-	-
Menge.....	-	-	-	-	-	-	-	-	-	-	-
Kurmak.....	2	20	2	2	20	-	-	-	-	-	-
Asosa	*	*	*	1	*	-	-	-	-	-	-
Sherkole.....	-	-	-	-	-	-	-	-	-	-	-
Bambasi.....	*	*	*	1	*	-	-	-	-	-	-

TABLE 7-16: NUMBER OF DAIRY ANIMALS, MILK PRODUCTION AND LACTATION PERIOD BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Number Of	Number Of	Average	Average	Total Milk	Number	Number Of	Average	Average	Total Milk
	Dairy Cows	Cows	Daily Milk Prod.	Lactation Period(Mn)	Production(Lt)	Of Dairy Camels	Milking Camels	Daily Milk Prod.	Lactation Period(Mn)	Production(Lt)
Benshangul-Gumuz Region..	66,031	62,929	1.626	7	20,211,814	-	-	-	-	-
Metekel Zone	38,095	35,661	1.433	7	10,697,789	-	-	-	-	-
Dangur.....	2,299	1,760	1.465	8	470,388	-	-	-	-	-
Guba	1,229	1,327	1.935	6	507,864	-	-	-	-	-
Wenbera.....	11,421	8,408	0.998	9	2,112,718	-	-	-	-	-
Mandura.....	1,693	1,525	1.398	7	503,377	-	-	-	-	-
Dibate	10,392	10,396	1.572	8	3,280,908	-	-	-	-	-
Pawe	5,183	6,898	1.332	8	2,113,934	-	-	-	-	-
Bulen	5,879	5,346	1.331	8	1,708,599	-	-	-	-	-
Asosa Zone.....	21,051	19,770	1.729	7	6,476,,270	-	-	-	-	-
Menge.....	*	106	2.272	6	*	-	-	-	-	-
Kurmak	-	-	-	7	-	-	-	-	-	-
Asosa	8,179	7,568	1.755	7	1,923,594	-	-	-	-	-
Sherkole.....	*	*	0.243	3	*	-	-	-	-	-
Bambasi	6,865	6,959	1.578	7	2,421,174	-	-	-	-	-
Oda Godere	2,577	1,957	1.495	7	666,867	-	-	-	-	-
Komesha.....	*	*	1.539	7	*	-	-	-	-	-
Mao Komo Special...	3,284	3,115	1.709	8	1,398,377	-	-	-	-	-
Kemeshi Zone	6,885	7,498	1.735	7	3,037,305	-	-	-	-	-
Yaso.....	1,680	2,359	1.297	7	753,303	-	-	-	-	-
Sirba Abay.....	433	579	2.57	5	191,588	-	-	-	-	-
Kamashi.....	1,474	1,306	1.473	8	919,309	-	-	-	-	-
Agalo Meti.....	818	1,099	1.746	6	467,802	-	-	-	-	-
Belo Jefonfoy.....	2,481	2,154	1.588	7	705,303	-	-	-	-	-

b) Rural Holdings

Geographic Area	Number Of	Number Of	Average	Average	Total Milk	Number	Number Of	Average	Average	Total Milk
	Dairy Cows	Cows	Milk Prod.	Period(Mn)	Production(Lt)	Of Dairy Camels	Camels	Milk Prod.	Period(Mn)	Production(Lt)
Benshangul-Gumuz Region..	60,550	55,926	1.554	7	18,234,363	-	-	-	-	-
Metekel Zone	34,271	30,134	1.527	7	9,364,810	-	-	-	-	-
Dangur	2,234	1,707	1.25	8	456,343	-	-	-	-	-
Guba	1,020	1,125	2.15	6	465,243	-	-	-	-	-
Wenbera	10,577	7,750	1.098	8	1,973,977	-	-	-	-	-
Mandura	1,367	1,223	1.361	6	419,874	-	-	-	-	-
Dibate	10,266	10,008	1.992	8	3,189,341	-	-	-	-	-
Pawe	3,883	4,190	1.467	8	1,384,503	-	-	-	-	-
Bulen	4,924	4,131	1.369	7	1,475,530	-	-	-	-	-
Asosa Zone	19,394	18,294	1.401	7	5,832,247	-	-	-	-	-
Menge.....	*	106	2.272	6	42,833	-	-	-	-	-
Kurmak	-	-	-	6	-	-	-	-	-	-
Asosa	7,447	6,960	1.074	7	1,589,606	-	-	-	-	-
Sherkole	*	*	0.243	5	6,271	-	-	-	-	-
Bambasi.....	5,940	6,092	1.476	7	2,110,689	-	-	-	-	-
Oda Godere	2,577	1,957	1.495	7	666,867	-	-	-	-	-
Komesha.....	*	*	1.539	7	17,604	-	-	-	-	-
Mao Komo Special ..	3,284	3,115	1.709	8	1,398,377	-	-	-	-	-
Kemeshi Zone	6,885	7,498	1.735	7	3,037,305	-	-	-	-	-
Yaso.....	1,680	2,359	1.297	7	753,303	-	-	-	-	-
Sirba Abay.....	433	579	2.57	5	191,588	-	-	-	-	-
Kamashi	1,474	1,306	1.473	8	919,309	-	-	-	-	-
Agalo Meti	818	1,099	1.746	6	467,802	-	-	-	-	-
Belo Jegonfoy	2,481	2,154	1.588	7	705,303	-	-	-	-	-

c) Urban Holdings

Geographic Area	Number Of	Number Of	Average	Average	Total Milk	Number	Number Of	Average	Average	Total Milk
	Dairy Cows	Cows	Milk Prod.	Period(Mn)	Production(Lt)	Of Dairy Camels	Camels	Milk Prod.	Period(Mn)	Production(Lt)
Benshangul-Gumuz Region..	5,481	7,003	1.698	7	1,977,451	-	-	-	-	-
Metekel Zone	3,824	5,527	1.338	7	1,332,978	-	-	-	-	-
Dangur	65	53	1.679	8	14,045	-	-	-	-	-
Guba	209	202	1.719	5	42,622	-	-	-	-	-
Wenbera	844	658	0.897	9	138,741	-	-	-	-	-
Mandura	326	302	1.435	7	83,503	-	-	-	-	-
Dibate	126	388	1.151	8	91,567	-	-	-	-	-
Pawe	1,300	2,708	1.196	7	729,431	-	-	-	-	-
Bulen	955	1,215	1.292	8	233,069	-	-	-	-	-
Asosa Zone	1,657	1,476	2.057	7	644,473	-	-	-	-	-
Menge.....	-	-	-	5	-	-	-	-	-	-
Kurmak	-	-	-	7	-	-	-	-	-	-
Asosa	732	608	2.435	7	*	-	-	-	-	-
Bambasi.....	925	867	1.679	7	310,485	-	-	-	-	-

TABLE 7-17: NUMBER OF CATTLE BY SEX AND BREED, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	309,627	135,486	*	*	174,090	*	*
Metekel Zone	193,914	84,419	-	-	109,494	-	-
Dangur	11,540	5,748	-	-	5,792	-	-
Guba	8,464	2,238	-	-	6,226	-	-
Wenbera.....	43,194	19,115	-	-	24,078	-	-
Mandura.....	11,008	4,404	-	-	6,604	-	-
Dibate	57,395	24,517	-	-	32,878	-	-
Pawe	31,801	15,593	-	-	16,209	-	-
Bulen.....	30,511	12,804	-	-	17,707	-	-
Asosa Zone.....	81,939	38,011	*	*	43,882	*	*
Menge	1,486	1,114	-	-	372	-	-
Kurmak	*	*	-	-	-	-	-
Asosa	33,314	16,198	*	-	17,078	*	-
Sherkole.....	260	224	-	-	*	-	-
Bambasi	27,618	12,640	-	*	14,970	-	*
Oda Godere.....	8,346	3,323	-	-	5,023	-	-
Komesha	459	205	-	-	254	-	-
Mao Komo Special.....	10,422	4,273	-	-	6,150	-	-
Kemeshi Zone	33,775	13,055	-	-	20,714	-	*
Yaso	9,871	3,453	-	-	6,418	-	-
Sirba Abay	4,500	1,347	-	-	3,153	-	-
Kamashi	4,874	1,905	-	-	2,968	-	-
Agalo Meti.....	4,407	1,400	-	-	3,002	-	*
Belo Jegonfoy.....	10,123	4,950	-	-	5,173	-	-

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	286,735	126,497	-	*	160,195	*	*
Metekel Zone	175,804	77,175	-	-	98,629	-	-
Dangur	11,018	5,424	-	-	5,594	-	-
Guba	7,766	2,026	-	-	5,740	-	-
Wenbera.....	40,791	18,182	-	-	22,608	-	-
Mandura.....	10,031	4,060	-	-	5,971	-	-
Dibate	55,914	23,915	-	-	31,999	-	-
Pawe	23,069	12,016	-	-	11,053	-	-
Bulen.....	27,215	11,550	-	-	15,665	-	-
Asosa Zone.....	77,157	36,268	-	*	40,851	-	*
Menge	1,463	1,101	-	-	362	-	-
Kurmak	*	*	-	-	-	-	-
Asosa	31,633	15,685	-	*	15,910	-	*
Sherkole.....	260	224	-	-	*	-	-
Bambasi	24,539	11,422	-	-	13,117	-	-
Oda Godere.....	8,346	3,323	-	-	5,023	-	-
Komesha	459	205	-	-	254	-	-
Mao Komo Special.....	10,422	4,273	-	-	6,150	-	-
Kemeshi Zone	33,775	13,055	-	-	20,714	*	-
Yaso	9,871	3,453	-	-	6,418	-	-
Sirba Abay	4,500	1,347	-	-	3,153	-	-
Kamashi	4,874	1,905	-	-	2,968	-	-
Agalo Meti.....	4,407	1,400	-	-	3,002	*	-
Belo Jegonfoy.....	10,123	4,950	-	-	5,173	-	-

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	22,892	8,988	-	*	13,896	-	*
Metekel Zone	18,110	7,245	-	-	10,865	-	-
Dangur	522	324	-	-	198	-	-
Guba	698	212	-	-	486	-	-
Wenbera.....	2,403	933	-	-	1,470	-	-
Mandura.....	977	344	-	-	633	-	-
Dibate	1,480	602	-	-	879	-	-
Pawe	8,733	3,576	-	-	5,156	-	-
Bulen.....	3,297	1,254	-	-	2,043	-	-
Asosa Zone.....	4,782	1,744	-	*	3,031	-	*
Menge	23	13	-	-	10	-	-
Asosa	1,681	513	-	-	1,169	-	-
Bambasi	3,078	1,218	-	*	1,853	-	*

TABLE 7-18: NUMBER OF SHEEP BY SEX AND BREED, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	58,770	16,470	451	*	39,853	1,979	*
Metekel Zone	36,695	10,322	451	*	23,926	1,979	*
Dangur	3,928	1,122	-	-	2,806	-	-
Guba	4,199	448	451	*	1,310	1,973	-
Wenbera.....	9,054	2,762	-	-	6,292	-	-
Mandura.....	3,548	980	-	-	2,561	*	-
Dibate	6,045	1,806	-	-	4,239	-	-
Pawe	5,794	2,063	-	-	3,731	-	-
Bulen.....	4,127	1,141	-	-	2,987	-	-
Asosa Zone.....	10,231	2,696	-	-	7,536	-	-
Menge	1,791	521	-	-	1,271	-	-
Kurmak	2	1	-	-	1	-	-
Asosa	3,699	1,003	-	-	2,697	-	-
Sherkole.....	579	*	-	-	539	-	-
Bambasi	1,774	524	-	-	1,250	-	-
Oda Godere.....	956	234	-	-	722	-	-
Komesha.....	59	*	-	-	54	-	-
Mao Komo Special.....	1,371	369	-	-	1,002	-	-
Kemeshi Zone	11,844	3,452	-	-	8,391	-	-
Yaso	2,680	778	-	-	1,903	-	-
Sirba Abay	1,730	465	-	-	1,266	-	-
Kamashi.....	2,298	695	-	-	1,603	-	-
Agalo Meti.....	1,584	442	-	-	1,142	-	-
Belo Jegonfoy.....	3,551	1,073	-	-	2,479	-	-

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	52,532	14,424	451	*	35,661	1,979	*
Metekel Zone	30,883	8,404	451	*	20,032	1,979	*
Dangur	3,818	1,085	-	-	2,734	-	-
Guba	4,180	444	451	*	1,295	1,973	*
Wenbera.....	8,041	2,488	-	-	5,553	-	-
Mandura.....	3,343	944	-	-	2,393	*	-
Dibate	5,831	1,734	-	-	4,097	-	-
Pawe	2,165	781	-	-	1,384	-	-
Bulen.....	3,506	928	-	-	2,577	-	-
Asosa Zone.....	9,805	2,567	-	-	7,238	-	-
Menge	1,754	506	-	-	1,248	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	3,378	911	-	-	2,467	-	-
Sherkole.....	579	*	-	-	539	-	-
Bambasi	1,709	503	-	-	1,206	-	-
Oda Godere.....	956	234	-	-	722	-	-
Komesha.....	59	*	-	-	54	-	-
Mao Komo Special.....	1,371	369	-	-	1,002	-	-
Kemeshi Zone	11,844	3,452	-	-	8,391	-	-
Yaso	2,680	778	-	-	1,903	-	-
Sirba Abay.....	1,730	465	-	-	1,266	-	-
Kamashi.....	2,298	695	-	-	1,603	-	-
Agalo Meti.....	1,584	442	-	-	1,142	-	-
Belo Jigonfoy.....	3,551	1,073	-	-	2,479	-	-

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	6,238	2,046	-	-	4,192	-	-
Metekel Zone	5,812	1,917	-	-	3,895	-	-
Dangur	110	38	-	-	72	-	-
Guba	*	*	-	-	*	-	-
Wenbera.....	1,013	274	-	-	739	-	-
Mandura.....	205	36	-	-	169	-	-
Dibate	215	72	-	-	142	-	-
Pawe	*	*	-	-	*	-	-
Bulen.....	622	212	-	-	409	-	-
Asosa Zone.....	426	129	-	-	298	-	-
Menge	37	15	-	-	23	-	-
Kurmak.....	2	1	-	-	1	-	-
Asosa	321	92	-	-	230	-	-
Bambasi	65	21	-	-	44	-	-

TABLE 7-19: NUMBER OF GOATS BY SEX AND BREED, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	200,472	55,014	*	23	145,278	*	103
Metekel Zone	89,119	24,886	*	23	64,097	-	99
Dangur	12,183	3,754	-	-	8,429	-	-
Guba	17,504	3,761	*	23	13,617	-	90
Wenbera.....	14,787	3,610	-	-	11,178	-	-
Mandura.....	11,695	3,111	-	-	8,584	-	-
Dibate	15,147	4,690	-	-	10,448	-	*
Pawe	3,312	1,335	-	-	1,977	-	-
Bulen.....	14,491	4,626	-	-	9,865	-	-
Asosa Zone.....	73,181	19,944	*	-	53,192	*	*
Menge	19,410	5,156	-	-	14,254	-	-
Kurmak	3,238	845	-	-	2,393	-	-
Asosa	13,140	4,140	-	-	9,000	-	-
Sherkole.....	9,923	2,178	*	-	7,709	*	-
Bambasi	7,214	2,273	-	-	4,941	-	-
Oda Godere.....	11,684	2,933	-	-	8,751	-	-
Komesha	5,087	1,525	-	-	3,554	*	*
Mao Komo Special.....	3,485	893	-	-	2,592	-	-
Kemeshi Zone	38,172	10,183	-	-	27,989	-	-
Yaso	7,131	1,982	-	-	5,150	-	-
Sirba Abay	11,310	2,774	-	-	8,536	-	-
Kamashi	5,982	1,880	-	-	4,102	-	-
Agalo Meti.....	11,981	3,018	-	-	8,963	-	-
Belo Jigonfoy.....	1,767	528	-	-	1,238	-	-

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	197,179	53,888	*	23	143,112	*	103
Metekel Zone	86,587	23,972	*	23	62,480	-	99
Dangur	12,118	3,732	-	-	8,386	-	-
Guba	17,009	3,645	*	23	13,238	-	90
Wenbera.....	14,509	3,502	-	-	11,007	-	-
Mandura.....	11,598	3,099	-	-	8,500	-	-
Dibate	14,929	4,615	-	-	10,304	-	*
Pawe	2,151	814	-	-	1,336	-	-
Bulen.....	14,273	4,564	-	-	9,709	-	-
Asosa Zone.....	72,420	19,733	*	-	52,643	*	*
Menge	19,340	5,148	-	-	14,192	-	-
Kurmak	3,197	836	-	-	2,361	-	-
Asosa	12,693	3,998	-	-	8,695	-	-
Sherkole.....	9,923	2,178	*	-	7,709	*	-
Bambasi	7,011	2,221	-	-	4,790	-	-
Oda Godere.....	11,684	2,933	-	-	8,751	-	-
Komesha	5,087	1,525	-	-	3,554	*	*
Mao Komo Special.....	3,485	893	-	-	2,592	-	-
Kemeshi Zone	38,172	10,183	-	-	27,989	-	-
Yaso	7,131	1,982	-	-	5,150	-	-
Sirba Abay	11,310	2,774	-	-	8,536	-	-
Kamashi	5,982	1,880	-	-	4,102	-	-
Agalo Meti.....	11,981	3,018	-	-	8,963	-	-
Belo Jigonfoy.....	1,767	528	-	-	1,238	-	-

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Benshangul-Gumuz Region	3,293	1,126	-	-	2,167	-	-
Metekel Zone	2,532	915	-	-	1,618	-	-
Dangur	*	*	-	-	*	-	-
Guba	495	115	-	-	379	-	-
Wenbera.....	278	107	-	-	171	-	-
Mandura.....	96	12	-	-	84	-	-
Dibate	218	74	-	-	144	-	-
Pawe	*	*	-	-	*	-	-
Bulen.....	218	62	-	-	156	-	-
Asosa Zone.....	761	211	-	-	549	-	-
Menge	70	8	-	-	62	-	-
Kurmak.....	41	9	-	-	32	-	-
Asosa	*	*	-	-	*	-	-
Bambasi	202	*	-	-	150	-	-

TABLE 7-20: ESTIMATED NUMBER OF LIVESTOCK VACCINATED BY ZONE, AND WEREDA

a) Both Urban Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	100,266	1,476	8,634	1,027	*	6,414
Metekel Zone	61,626	866	373	343	*	1,320
Dangur	5,145	*	*	*	-	*
Guba	468	*	*	-	*	*
Wenbera.....	1,748	*	-	145	-	-
Mandura.....	1,998	*	*	-	-	*
Dibate	18,488	-	*	*	-	*
Pawe	24,325	385	76	*	-	*
Bulen.....	9,454	*	*	*	-	*
Asosa Zone.....	29,730	503	7,522	543	-	5,094
Menge	*	8	1,256	*	-	*
Kurmak.....	-	-	969	*	-	-
Asosa	12,573	*	*	*	-	*
Sherkole.....	-	*	3,492	*	-	*
Bambasi	11,439	*	184	*	-	320
Oda Godere.....	711	-	*	*	-	-
Komesha	*	*	1,157	*	-	*
Mao Komo Special.....	4,541	*	-	*	-	-
Kemeshi Zone	8,910	106	739	140	-	-
Yaso	1,236	-	*	*	-	-
Sirba Abay.....	352	-	*	*	-	-
Kamashi	*	*	208	72	-	-
Agalo Meti.....	410	*	*	*	-	-
Belo Jigonfoy.....	6,671	-	*	*	-	-

Note: Draught animals in this and the following tables refer to Horses, Asses, and Mules.

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	87,228	1,342	8,376	1,018	-	5,373
Metekel Zone	51,374	773	352	342	-	1,033
Dangur	4,743	*	*	*	-	*
Guba	422	*	*	-	-	-
Wenbera	1,728	*	-	145	-	-
Mandura	1,926	*	*	-	-	*
Dibate	17,964	-	*	*	-	*
Pawe	16,117	313	*	*	-	*
Bulen	8,474	*	*	*	-	*
Asosa Zone	26,944	462	7,286	536	-	*
Menge	*	-	1,204	*	-	*
Kurmak	-	-	882	*	-	-
Asosa	11,800	*	*	*	-	*
Sherkole	-	*	3,492	*	-	*
Bambasi	9,426	*	*	*	-	*
Oda Godere	711	-	*	*	-	-
Komesha	*	*	1,157	*	-	*
Mao Komo Special	4,541	*	-	*	-	-
Kemeshi Zone	8,910	106	739	140	-	-
Yaso	1,236	-	*	*	-	-
Sirba Abay	352	-	*	*	-	-
Kamashi	241	*	208	72	-	-
Agalo Meti	410	*	*	*	-	-
Belo Jigonfo	6,671	-	*	*	-	-

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	13,038	134	258	*	*	1,041
Metekel Zone	10,252	*	*	*	*	*
Dangur	402	*	-	-	-	*
Guba	*	-	*	-	*	*
Wenbera	*	*	-	-	-	-
Mandura	72	-	-	-	-	-
Dibate	524	-	-	-	-	-
Pawe	8,208	*	*	*	-	*
Bulen	980	*	*	-	-	*
Asosa Zone	2,786	*	236	*	-	*
Menge	-	8	52	-	-	-
Kurmak	-	-	87	-	-	-
Asosa	*	*	*	*	-	*
Bambasi	2,012	-	*	*	-	*

TABLE 7-21: ESTIMATED NUMBER OF LIVESTOCK AFFLICTED/DISEASED BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	105,653	22,169	110,515	8,112	37	501,874
Metekel Zone	50,298	11,995	28,781	3,070	30	120,911
Dangur	5,125	1,906	6,451	924	-	21,939
Guba	2,071	2,904	9,237	367	20	21,770
Wenbera.....	6,936	1,554	4,705	1,081	*	18,260
Mandura.....	3,475	1,353	3,813	372	-	11,637
Dibate	9,825	1,420	1,953	*	-	13,599
Pawe	18,248	1,825	507	105	-	21,222
Bulen.....	4,618	1,033	2,116	147	-	12,484
Asosa Zone.....	46,750	6,277	69,981	4,606	-	327,622
Menge	787	710	18,820	1,682	-	61,457
Kurmak	-	*	7,711	184	-	23,085
Asosa	25,973	2,824	11,161	909	-	126,452
Sherkole.....	*	*	12,597	493	-	25,039
Bambasi	12,510	949	2,867	445	-	27,760
Oda Godere.....	3,324	680	9,850	407	-	34,097
Komesha	257	*	5,351	331	-	24,774
Mao Komo Special.....	3,877	508	1,624	155	-	4,959
Kemeshi Zone	8,606	3,896	11,753	436	*	53,341
Yaso	1,970	725	1,042	81	*	5,576
Sirba Abay.....	918	548	3,089	59	-	4,983
Kamashi	847	593	1,849	155	-	7,644
Agalo Meti.....	1,770	1,091	4,957	93	-	8,113
Belo Jigonfoy.....	3,102	941	815	*	-	27,026

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	96,743	20,343	109,466	7,960	27	469,094
Metekel Zone	44,151	10,458	28,327	2,953	*	102,291
Dangur	4,709	1,878	6,426	876	-	21,526
Guba	1,791	2,904	8,919	331	*	19,883
Wenbera.....	6,555	1,336	4,673	1,060	*	17,383
Mandura.....	3,167	1,221	3,771	372	-	11,396
Dibate	9,621	1,317	1,947	*	-	11,694
Pawe	14,558	902	491	102	-	10,119
Bulen.....	3,751	900	2,100	144	-	10,291
Asosa Zone.....	43,986	5,990	69,386	4,570	-	313,461
Menge	783	708	18,732	1,680	-	61,079
Kurmak	-	*	7,596	184	-	22,931
Asosa	25,070	2,571	10,835	889	-	114,895
Sherkole.....	*	449	12,597	493	-	25,039
Bambasi	10,653	916	2,801	431	-	25,688
Oda Godere.....	3,324	680	9,850	407	-	34,097
Komesha	257	23	5,351	331	-	24,774
Mao Komo Special.....	3,877	508	1,624	155	-	4,959
Kemeshi Zone	8,606	3,896	11,753	436	*	53,341
Yaso	1,970	725	1,042	81	*	5,576
Sirba Abay.....	918	548	3,089	59	-	4,983
Kamashi	847	593	1,849	155	-	7,644
Agalo Meti.....	1,770	1,091	4,957	93	-	8,113
Belo Jigonfoy.....	3,102	941	815	*	-	27,026

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	8,910	1,825	1,049	152	*	32,780
Metekel Zone	6,147	1,537	454	117	*	18,619
Dangur	416	28	*	*	-	413
Guba	281	-	318	36	*	1,887
Wenbera.....	381	217	*	*	-	876
Mandura.....	308	133	42	-	-	241
Dibate	204	*	*	*	-	1,905
Pawe	3,691	*	*	*	-	11,103
Bulen.....	867	133	*	*	-	2,193
Asosa Zone.....	2,763	288	595	*	-	14,161
Menge	3	2	88	2	-	378
Kurmak	-	-	115	-	-	154
Asosa	904	254	*	*	-	11,556
Bambasi	1,857	*	*	*	-	2,072

TABLE 7-22: ESTIMATED NUMBER OF LIVESTOCK TREATED BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	80,904	5,233	8,850	3,244	*	13,871
Metekel Zone	35,976	2,715	1,040	1,323	*	2,796
Dangur	4,573	240	*	636	-	337
Guba	342	*	43	38	*	589
Wenbera.....	2,830	483	*	460	-	*
Mandura.....	1,650	101	89	*	-	94
Dibate	6,516	*	*	*	-	338
Pawe	16,922	1,437	238	105	-	772
Bulen.....	3,143	390	155	*	-	584
Asosa Zone.....	40,889	2,247	7,476	1,703	-	8,571
Menge	479	2	474	379	-	*
Kurmak	-	-	1,412	84	-	-
Asosa	24,303	1,840	3,249	665	-	6,671
Sherkole.....	-	*	1,277	*	-	*
Bambasi	11,586	326	334	189	-	791
Oda Godere.....	2,076	*	*	187	-	*
Komesha	249	*	227	117	-	*
Mao Komo Special.....	2,195	*	*	52	-	*
Kemeshi Zone	4,039	271	334	218	-	2,505
Yaso	446	79	-	-	-	-
Sirba Abay.....	229	*	*	*	-	*
Kamashi	465	*	128	116	-	*
Agalo Meti.....	584	*	*	37	-	-
Belo Jigonfoy.....	2,316	64	*	*	-	2,478

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	72,859	4,086	8,491	3,120	-	10,961
Metekel Zone	30,520	1,770	959	1,221	-	1,558
Dangur	4,186	*	*	588	-	*
Guba	97	*	*	6	-	256
Wenbera.....	2,561	*	*	449	-	*
Mandura.....	1,372	*	83	*	-	*
Dibate	6,363	*	*	*	-	*
Pawe	13,603	870	233	102	-	414
Bulen.....	2,338	*	138	*	-	*
Asosa Zone.....	38,299	2,045	7,198	1,680	-	6,898
Menge	476	-	470	379	-	*
Kurmak	-	-	1,331	84	-	-
Asosa	23,530	1,672	3,105	656	-	5,479
Sherkole.....	-	*	1,277	*	-	*
Bambasi	9,773	294	286	175	-	*
Oda Godere.....	2,076	*	*	187	-	*
Komesha	249	*	227	117	-	*
Mao Komo Special.....	2,195	*	*	52	-	*
Kemeshi Zone	4,039	271	334	218	-	2,505
Yaso	446	79	-	-	-	-
Sirba Abay.....	229	*	*	*	-	*
Kamashi.....	465	85	128	116	-	*
Agalo Meti.....	584	*	*	37	-	-
Belo Jigonfoy	2,316	64	*	*	-	2,478

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	8,046	1,147	359	125	*	2,911
Metekel Zone	5,456	945	81	102	*	1,238
Dangur	388	*	*	*	-	*
Guba	244	-	*	33	*	*
Wenbera.....	269	*	-	*	-	*
Mandura.....	277	60	6	-	-	60
Dibate	153	*	-	*	-	121
Pawe	3,319	566	*	*	-	*
Bulen.....	806	126	*	*	-	243
Asosa Zone.....	2,590	202	278	*	-	1,673
Menge	3	2	5	-	-	-
Kurmak	-	-	81	-	-	-
Asosa	773	*	*	*	-	1,192
Bambasi	1,814	*	*	*	-	481

TABLE 7-23: ESTIMATED NUMBER OF LIVESTOCK DIED BY ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	32,672	16,031	91,331	4,467	30	438,034
Metekel Zone	18,497	8,481	23,950	1,884	*	106,208
Dangur	2,208	1,713	5,897	460	-	21,056
Guba	1,456	1,918	7,385	334	*	18,660
Wenbera.....	3,313	1,259	3,820	585	*	16,746
Mandura.....	2,296	1,135	3,560	323	-	10,552
Dibate	2,747	990	1,339	*	-	12,065
Pawe	5,090	761	336	*	-	18,154
Bulen.....	1,387	706	1,612	112	-	8,975
Asosa Zone.....	10,113	4,337	56,955	2,369	-	281,308
Menge	383	512	16,115	950	-	53,952
Kurmak	-	*	6,438	100	-	16,503
Asosa	3,821	1,715	8,331	292	-	112,388
Sherkole.....	*	*	9,913	361	-	20,317
Bambasi	2,444	697	2,296	180	-	24,370
Oda Godere.....	1,379	488	7,892	181	-	27,827
Komesha	*	*	4,496	226	-	21,583
Mao Komo Special.....	1,966	416	1,473	80	-	4,369
Kemeshi Zone	4,062	3,213	10,426	214	*	50,519
Yaso	689	545	967	81	*	5,267
Sirba Abay.....	716	469	2,913	39	-	4,581
Kamashi	250	466	1,352	45	-	6,701
Agalo Meti.....	1,323	988	4,547	49	-	7,948
Belo Jigonfoy.....	1,084	746	647	-	-	26,021

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	28,971	15,097	90,479	4,382	27	410,013
Metekel Zone	15,918	7,690	23,590	1,830	*	90,604
Dangur	2,006	1,703	5,890	434	-	20,698
Guba	1,398	1,918	7,120	323	*	17,054
Wenbera.....	3,163	1,112	3,794	576	*	15,878
Mandura.....	2,248	1,063	3,518	323	-	10,383
Dibate	2,623	920	1,336	*	-	10,264
Pawe	3,225	*	323	*	-	9,024
Bulen.....	1,255	675	1,609	110	-	7,302
Asosa Zone.....	8,990	4,194	56,463	2,339	-	268,891
Menge	380	510	16,032	948	-	53,573
Kurmak	-	*	6,340	100	-	16,351
Asosa	3,441	1,607	8,061	275	-	102,311
Sherkole.....	*	*	9,913	361	-	20,317
Bambasi	1,704	664	2,256	169	-	22,560
Oda Godere.....	1,379	488	7,892	181	-	27,827
Komesha	98	*	4,496	226	-	21,583
Mao Komo Special.....	1,966	416	1,473	80	-	4,369
Kemeshi Zone	4,062	3,213	10,426	214	*	50,519
Yaso	689	545	967	81	*	5,267
Sirba Abay.....	716	469	2,913	39	-	4,581
Kamashi	250	466	1,352	45	-	6,701
Agalo Meti.....	1,323	988	4,547	49	-	7,948
Belo Jigonfoy.....	1,084	746	647	-	-	26,021

c) Urban Holders

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Benshangul-Gumuz Region	3,701	934	852	85	*	28,021
Metekel Zone	2,579	791	360	55	*	15,604
Dangur	201	*	*	*	-	358
Guba	58	-	265	*	*	1,605
Wenbera.....	150	147	*	*	-	869
Mandura.....	48	72	42	-	-	169
Dibate	125	*	*	*	-	1,801
Pawe	1,864	*	*	-	-	9,130
Bulen.....	132	30	*	*	-	1,673
Asosa Zone.....	1,122	143	492	*	-	12,417
Menge	3	2	83	2	-	378
Kurmak	-	-	98	-	-	152
Asosa	380	109	*	*	-	10,076
Bambasi	739	*	*	*	-	1,811

TABLE 7-24: ANIMAL FEED PRACTICES OF PEASNT HOLDERS – PERCENTAGE USED BY TYPE OF FEED, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	100	69.03	3.60	0.05	1.28	2.45	23.57
Metekel Zone	100	77.69	4.39	0.06	1.64	1.95	17.17
Dangur	100	68.77	3.12	0.05	3.00	1.04	23.76
Guba	100	73.77	3.31	-	0.02	0.94	21.97
Wenbera.....	100	72.37	5.22	0.08	6.65	1.40	14.22
Mandura.....	100	85.79	1.78	0.01	0.31	-	12.09
Dibate	100	75.53	7.53	-	0.25	0.31	15.21
Pawe	100	66.90	7.12	0.24	0.92	4.66	20.10
Bulen	100	79.71	2.70	0.01	0.37	4.28	12.83
Asosa Zone.....	100	64.63	3.93	0.7	1.46	3.19	26.64
Menge.....	100	65.90	1.21	-	1.30	1.30	30.29
Kurmak	100	60.84	2.08	0.03	1.23	2.79	33.01
Asosa	100	49.18	8.90	0.18	1.70	4.85	35.18
Sherkole.....	100	85.02	6.25	-	1.76	4.14	2.83
Bambasi	100	76.80	6.86	0.05	1.74	4.51	10.00
Oda Godere	100	80.92	2.92	-	0.12	1.62	14.41
Komesha.....	100	89.96	3.47	0.19	5.17	1.17	0.03
Mao Komo Special.....	100	76.22	5.16	0.13	0.25	1.99	16.26
Kemeshi Zone.....	100	78.73	2.73	-	0.04	1.22	17.39
Yaso.....	100	93.16	3.37	-	-	0.63	2.84
Sirba Abay.....	100	69.5	0.85	-	-	-	29.65
Kamashi.....	100	69.21	1.5	-	0.08	0.44	28.78
Agalo Meti	100	78.68	0.18	-	-	0.21	20.93
Belo Jegonfoy.....	100	83.09	7.73	-	0.1	4.33	4.75

b) Rural Holdings

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	100	81.28	4.96	0.06	1.13	1.61	10.88
Metekel Zone	100	84.97	6.04	0.11	1.46	1.14	6.06
Dangur	100	87.73	5.42	0.09	5.75	0.21	0.26
Guba	100	94.07	2.62	-	0.04	0.18	3.09
Wenbera	100	83.65	6.78	0.15	2.44	2.14	4.68
Mandura	100	84.36	0.97	0.01	0.06	-	14.54
Dibate	100	85.59	9.84	-	0.23	0.45	3.52
Pawe	100	79.72	13.36	0.48	1.52	1.79	2.97
Bulen	100	79.68	3.32	0.01	0.21	3.18	13.37
Asosa Zone	100	80.13	6.12	0.08	1.89	2.58	9.18
Menge	100	76.09	2.42	-	2.6	2.27	16.61
Kurmak	100	70.59	4.16	0.06	2.45	2.32	20.36
Asosa	100	74.13	15.95	0.15	2.6	5.9	1.21
Sherkole	100	85.02	6.25	-	1.76	4.14	1.41
Bambasi	100	88.09	8.6	0.1	0.2	1.21	1.69
Oda Godere	100	80.92	2.92	-	0.12	1.62	14.41
Komesha	100	89.96	3.47	0.1	5.17	1.17	0.02
Mao Komo Special	100	76.22	5.16	0.06	0.13	1.99	16.26
Kemeshi Zone	100	78.73	2.73	-	0.04	1.12	17.39
Yaso	100	93.16	3.37	-	-	0.63	2.84
Sirba Abay	100	69.5	0.85	-	-	-	29.65
Kamashi	100	69.21	1.5	-	0.08	0.44	28.78
Agalo Meti	100	78.68	0.18	-	-	0.21	20.93
Belo Jegonfoy	100	83.09	7.73	-	0.1	4.33	4.75

c) Urban Holdings

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	100	56.77	2.24	0.03	1.42	3.28	36.27
Metekel Zone	100	64.41	2.74	-	1.82	2.75	28.27
Dangur	100	49.82	0.81	-	0.25	1.87	47.25
Guba	100	53.47	3.98	-	-	1.69	40.85
Wenbera	100	61.08	3.66	-	10.86	0.65	23.76
Mandura	100	87.22	2.59	-	0.56	-	9.63
Dibate	100	65.46	5.22	-	0.26	2.17	26.89
Pawe	100	54.08	0.87	-	0.31	7.52	37.22
Bulen	100	79.74	2.07	-	0.53	5.38	12.28
Asosa Zone	100	49.13	1.74	0.05	1.02	3.80	44.27
Menge	100	55.7	-	-	-	0.33	43.97
Kurmak	100	51.09	-	-	-	3.26	45.65
Asosa	100	24.22	1.84	0.2	0.8	3.79	69.15
Bambasi	100	65.51	5.12	-	3.27	7.8	18.3

TABLE 7-25: ANIMAL FEED PRACTICES OF PEASNT HOLDERS – NUMBER OF HOLDERS REPORTING BY TYPE OF FEED, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	93,378	28,050	483	6,626	10,925	30,306
Metekel Zone.....	41,596	11,859	270	3,253	3,869	12,524
Dangur	4,741	1,183	*	1,180	*	550
Guba.....	2,721	346	-	*	37	418
Wenbera.....	7,748	2,645	*	1,151	805	2,051
Mandura.....	4,066	252	*	*	-	1,661
Dibate.....	9,136	3,592	-	182	359	1,871
Pawe.....	8,152	3,000	148	564	1,119	3,158
Bulen.....	5,033	841	*	137	1,366	2,816
Asosa Zone	39,275	13,481	213	3,259	5,242	9,855
Menge	5,629	420	-	642	340	2,561
Kurmak	1,551	181	*	65	279	949
Asosa	13,559	7,658	138	1,516	2,713	1,884
Sherkole.....	2,951	536	-	377	404	*
Bambasi	6,821	2,472	*	138	593	693
Oda Godere.....	3,979	692	*	*	442	1,656
Komesha	1,718	304	*	303	147	*
Mao Komo Special	3,065	1,219	*	*	324	1,851
Kemeshi Zone	12,508	2,710	-	113	1,814	7,926
Yaso	2,788	505	-	-	263	476
Sirba Abay	1,727	145	-	-	-	1,868
Kamashi	1,934	312	-	*	94	1,855
Agalo Meti.....	2,934	53	-	-	44	2,065
Belo Jigonfoy.....	3,125	1,695	-	87	1,413	1,662

b) Rural Holdings

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	88,281	27,100	472	6,082	9,324	24,351
Metekel Zone.....	37,832	11,253	270	2,830	2,848	8,612
Dangur	4,508	1,163	*	1,176	*	*
Guba.....	2,568	307	-	7	29	246
Wenbera.....	7,360	2,542	*	934	786	1,676
Mandura.....	3,903	228	*	*	-	1,517
Dibate.....	8,874	3,499	-	*	306	1,632
Pawe.....	6,038	2,758	148	401	372	876
Bulen.....	4,581	756	*	*	1,202	2,426
Asosa Zone	37,942	13,137	202	3,139	4,663	7,814
Menge	5,600	420	-	642	338	2,519
Kurmak	1,535	181	*	65	276	928
Asosa	12,864	7,484	*	1,471	2,390	447
Sherkole.....	2,951	536	-	377	404	*
Bambasi	6,229	2,302	*	63	341	153
Oda Godere.....	3,979	692	*	87	442	1,656
Komesha	1,718	304	*	303	147	*
Mao Komo Special	3,065	1,219	*	*	324	1,851
Kemeshi Zone	12,508	2,710	-	113	1,814	7,926
Yaso	2,788	505	-	-	263	476
Sirba Abay	1,727	145	-	-	-	1,868
Kamashi	1,934	312	-	26	94	1,855
Agalo Meti.....	2,934	53	-	-	44	2,065
Belo Jigonfoy.....	3,125	1,695	-	87	1,413	1,662

c) Urban Holdings

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Benshangul-Gumuz Region	5,097	950	*	544	1,601	5,954
Metekel Zone.....	3,764	606	-	424	1,022	3,913
Dangur	233	19	-	*	32	311
Guba.....	153	39	-	-	*	172
Wenbera.....	388	103	-	218	18	375
Mandura.....	163	24	-	6	-	145
Dibate.....	262	93	-	*	53	239
Pawe.....	2,114	*	-	*	*	2,281
Bulen.....	451	85	-	26	164	390
Asosa Zone	1,333	344	*	120	579	2,041
Menge	29	-	-	-	2	42
Kurmak	16	-	-	-	3	21
Asosa	695	174	*	*	323	1,437
Bambasi	592	170	-	75	251	541

TABLE 7-26: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF MILK BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	54.98	5.71	0.67	38.67
Metekel Zone	100	52.99	2.06	1.34	43.41
Dangur	100	67.97	-	1.77	30.27
Guba	100	79.56	4.25	0.32	15.88
Wenbera	100	43.43	0.49	0.07	56.03
Mandura	100	34.50	2.46	2.38	60.67
Dibate	100	43.51	0.03	5.00	51.47
Pawe	100	56.66	6.65	0.18	36.51
Bulen	100	45.27	0.58	1.14	53.02
Asosa Zone.....	100	61.18	28.31	0.01	10.52
Menge.....	100	78.13	9.82	-	12.05
Kurmak.....	100	100.00	-	-	-
Asosa	100	55.83	7.66	-	36.52
Sherkole.....	100	50.00	50.00	-	-
Bambasi.....	100	36.34	11.13	0.06	52.48
Oda Godere	100	35.34	1.19	-	63.47
Komesha.....	100	55.21	11.81	-	32.98
Mao Komo Special.....	100	30.64	0.42	-	68.94
Kemeshi Zone	100	39.11	1.84	0.01	69.05
Yaso.....	100	23.35	0.17	-	76.48
Sirba Abay.....	100	49.17	6.05	0.03	44.75
Kamashi.....	100	29.27	0.36	-	70.37
Agalo Meti	100	63.58	0.13	-	36.29
Belo Jegonfoy	100	30.16	2.47	-	67.37

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	47.61	4.10	0.40	47.82
Metekel Zone	100	50.40	1.13	1.18	47.29
Dangur.....	100	52.86	-	2.81	44.33
Guba	100	91.62	3.6	0.63	4.14
Wenbera	100	36.38	0.69	0.13	62.81
Mandura	100	35.69	1.47	0.71	62.14
Dibate	100	38.46	0.06	3	58.48
Pawe	100	51.69	1.52	0.27	46.51
Bulen	100	46.12	0.59	0.71	52.59
Asosa Zone.....	100	53.32	9.55	0.01	37.12
Menge.....	100	78.13	9.82	-	12.05
Kurmak.....	100	100	-	-	-
Asosa	100	50.29	2.45	-	47.26
Sherkole.....	100	50	50	-	-
Bambasi.....	100	26.95	0.69	0.11	72.25
Oda Godere	100	35.34	1.19	-	63.47
Komesha.....	100	55.21	11.81	-	32.98
Mao Komo Special.....	100	30.64	0.42	-	68.94
Kemeshi Zone	100	39.11	1.84	-	59.05
Yaso.....	100	23.35	0.17	-	76.48
Sirba Abay.....	100	49.17	6.05	0.03	44.75
Kamashi.....	100	29.27	0.36	-	70.37
Agalo Meti	100	63.58	0.13	-	36.29
Belo Jegonfoy	100	30.16	2.47	-	67.37

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	62.35	7.24	0.93	29.51
Metekel Zone	100	55.57	2.99	1.91	39.52
Dangur.....	100	83.07	-	0.72	16.21
Guba	100	67.5	4.9	-	27.61
Wenbera	100	50.48	0.29	-	49.24
Mandura	100	33.31	3.44	4.04	59.2
Dibate	100	48.56	-	6.99	44.45
Pawe	100	61.63	11.77	0.08	26.51
Bulen	100	44.42	0.56	1.57	53.45
Asosa Zone.....	100	69.03	11.48	-	19.50
Kurmak.....	100	100	-	-	-
Asosa	100	61.36	12.86	-	25.78
Bambasi.....	100	45.72	21.57	-	32.71

TABLE 7-27: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF BUTTER
BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	69.20	27.90	0.10	2.81
Metekel Zone	100	69.83	27.37	0.19	2.61
Dangur.....	100	78.78	19.36	0.26	1.61
Guba	100	81.76	18.25	-	-
Wenbera	100	76.64	21.57	0.02	1.79
Mandura	100	56.09	43.09	0.73	0.10
Dibate	100	66.43	31.96	0.10	1.52
Pawe	100	68.13	21.94	-	9.94
Bulen	100	60.99	35.40	0.31	3.32
Asosa Zone.....	100	72.47	25.22	0.06	2.28
Menge.....	100	62.13	36.27	-	1.59
Kurmak.....	-	-	-	-	-
Asosa	100	74.82	21.25	0.02	3.91
Sherkole.....	-	-	-	-	-
Bambasi.....	100	69.10	30.24	0.02	0.65
Oda Godere	100	53.70	42.05	-	4.25
Komesha.....	100	59.10	34.52	-	6.37
Mao Komo Special.....	100	52.82	45.22	0.47	1.50
Kemeshi Zone	100	44.93	50.50	-	4.57
Yaso.....	100	40.44	56.20	-	3.36
Sirba Abay.....	100	37.27	58.51	-	4.22
Kamashi.....	100	52.86	41.92	-	5.22
Agalo Meti	100	47.03	46.04	-	6.93
Belo Jigonfoy	100	47.04	49.84	-	3.12

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	52.73	44.05	0.12	3.10
Metekel Zone	100	56.82	41.61	0.28	1.28
Dangur.....	100	72	26.32	0.52	1.15
Guba	100	77.13	22.87	-	-
Wenbera	100	60.49	37.59	0.04	1.88
Mandura	100	33	66.17	0.63	0.2
Dibate	100	48.32	49.26	0.19	2.23
Pawe	100	60.34	38.86	-	0.8
Bulen	100	46.46	50.21	0.61	2.72
Asosa Zone.....	100	56.43	40.05	0.09	3.44
Menge.....	100	62.13	36.27	-	1.59
Asosa	100	58.56	35.76	0.04	5.63
Bambasi.....	100	52.27	46.45	-	1.27
Oda Godere	100	53.7	42.05	-	4.25
Komesha.....	100	59.1	34.52	-	6.37
Mao Komo Special.....	100	52.82	45.22	0.47	1.5
Kemeshi Zone	100	44.93	50.50	-	4.57
Yaso.....	100	40.44	56.2	-	3.36
Sirba Abay.....	100	37.27	58.51	-	4.22
Kamashi.....	100	52.86	41.92	-	5.22
Agalo Meti	100	47.03	46.04	-	6.93
Belo Jigonfoy	100	47.04	49.84	-	3.12

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	85.67	11.75	0.07	2.52
Metekel Zone	100	82.83	13.12	0.12	3.93
Dangur.....	100	85.55	12.39	-	2.06
Guba	100	86.38	13.62	-	-
Wenbera	100	92.78	5.54	-	1.69
Mandura	100	79.17	20	0.83	-
Dibate	100	84.53	14.66	-	0.81
Pawe	100	75.91	5.02	-	19.07
Bulen	100	75.51	20.58	-	3.91
Asosa Zone.....	100	88.50	10.38	0.02	1.11
Asosa	100	91.07	6.74	-	2.19
Bambasi.....	100	85.92	14.02	0.03	0.03

TABLE 7-28: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF CHEESE BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	93.90	0.70	0.09	5.45
Metekel Zone	100	68.59	0.06	0.04	1.32
Dangur.....	100	99.41	-	-	0.60
Guba	100	100.00	-	-	-
Wenbera	100	97.42	0.06	0.05	2.48
Mandura	100	99.70	-	-	0.30
Dibate	100	94.82	-	0.21	4.97
Pawe	100	99.04	0.35	-	0.62
Bulen	100	99.72	-	-	0.28
Asosa Zone.....	100	91.40	1.44	1.00	7.33
Menge.....	100	84.23	5.66	-	10.11
Kurmak.....	-	-	-	-	-
Asosa	100	91.54	0.45	0.03	8.00
Sherkole.....	-	-	-	-	-
Bambasi.....	100	95.72	0.48	0.11	3.71
Oda Godere	100	83.21	1.21	0.35	15.23
Komesha.....	100	91.32	4.37	-	4.30
Mao Komo Special.....	100	95.24	0.04	-	4.72
Kemeshi Zone	100	88.03	0.79	0.17	11.01
Yaso.....	100	90.90	0.19	-	8.92
Sirba Abay.....	100	88.24	2.09	0.66	9.01
Kamashi.....	100	89.15	1.23	0.20	9.42
Agalo Meti	100	83.52	0.33	-	16.15
Belo Jegonfoy	100	88.35	0.09	-	11.57

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	92.38	1.00	0.10	6.52
Metekel Zone	100	98.39	0.10	0.07	1.44
Dangur.....	100	98.81	-	-	1.19
Guba	100	100	-	-	-
Wenbera	100	97.11	0.12	0.1	2.67
Mandura	100	99.4	-	-	0.6
Dibate	100	95.52	-	0.42	4.06
Pawe	100	98.31	0.59	-	1.1
Bulen	100	99.56	-	-	0.44
Asosa Zone.....	100	90.73	2.10	0.06	7.11
Menge.....	100	84.23	5.66	-	10.11
Asosa	100	96.64	0.89	-	2.47
Bambasi.....	100	93.76	0.4	-	5.85
Oda Godere	100	83.21	1.21	0.35	15.23
Komesha.....	100	91.32	4.37	-	4.3
Mao Komo Special.....	100	95.24	0.04	-	4.72
Kemeshi Zone	100	88.03	0.79	0.17	11.01
Yaso.....	100	90.9	0.19	-	8.92
Sirba Abay.....	100	88.24	2.09	0.66	9.01
Kamashi.....	100	89.15	1.23	0.2	9.42
Agalo Meti	100	83.52	0.33	-	16.15
Belo Jigonfoy	100	88.35	0.09	-	11.57

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	95.42	0.40	0.07	4.37
Metekel Zone	100	98.78	0.01	-	1.20
Dangur.....	100	100	-	-	-
Guba	100	100	-	-	-
Wenbera	100	97.72	-	-	2.28
Mandura	100	100	-	-	-
Dibate	100	94.12	-	-	5.88
Pawe	100	99.76	0.1	-	0.14
Bulen	100	99.88	-	-	0.12
Asosa Zone.....	100	92.06	0.78	0.13	7.54
Asosa	100	86.43	-	0.05	13.52
Bambasi.....	100	97.68	0.55	0.21	1.56

TABLE 7-29: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF BEEF BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	24.47	69.46	1.83	4.26
Metekel Zone	100	28.27	63.13	0.13	8.48
Dangur.....	100	33.71	57.96	-	8.34
Guba	100	39.63	49.79	-	10.59
Wenbera	100	23.74	62.04	-	14.23
Mandura	100	31.34	48.96	0.11	19.59
Dibate	100	28.31	56.12	0.86	14.73
Pawe	100	15.87	84.14	-	-
Bulen	100	32.91	63.46	-	3.64
Asosa Zone.....	100	21.11	71.34	5.35	2.21
Menge.....	100	22.39	75.32	-	2.29
Kurmak.....	-	-	-	-	-
Asosa	100	18.18	78.50	-	3.32
Sherkole.....	100	0.00	25.07	74.93	-
Bambasi.....	100	17.37	77.04	-	5.60
Oda Godere	100	15.49	84.20	-	0.31
Komesha.....	100	49.80	47.66	-	2.53
Mao Komo Special.....	100	84.30	7.71	-	7.99
Kemeshi Zone	100	28.84	68.67	-	2.49
Yaso.....	100	24.49	73.66	-	1.85
Sirba Abay.....	100	29.77	59.64	-	10.59
Kamashi.....	100	50.00	50.00	-	-
Agalo Meti	100	29.95	70.05	-	-
Belo Jegonfoy	100	10.00	90.00	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	29.75	59.75	3.65	6.84
Metekel Zone	100	28.67	57.45	0.26	13.62
Dangur.....	100	9.08	90.92	-	-
Guba	100	39.63	49.79	-	10.59
Wenbera	100	37.51	34.03	-	28.45
Mandura	100	31.34	48.96	0.11	19.59
Dibate	100	42.53	26.31	1.71	29.45
Pawe	100	21.65	78.35	-	-
Bulen	100	18.93	73.79	-	7.28
Asosa Zone.....	100	31.73	53.14	10.70	4.42
Menge.....	100	22.39	75.32	-	2.29
Asosa	100	21.38	71.97	-	6.64
Sherkole.....	100	-	25.07	74.93	-
Bambasi.....	100	28.76	60.05	-	11.2
Oda Godere	100	15.49	84.2	-	0.31
Komesha.....	100	49.8	47.66	-	2.53
Mao Komo Special.....	100	84.3	7.71	-	7.99
Kemeshi Zone	100	28.84	68.67	-	2.49
Yaso.....	100	24.49	73.66	-	1.85
Sirba Abay.....	100	29.77	59.64	-	10.59
Kamashi.....	100	50	50	-	-
Agalo Meti	100	29.95	70.05	-	-
Belo Jegonfoy	100	10	90	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	19.18	79.16	-	1.67
Metekel Zone	100	27.87	68.80	-	3.33
Dangur.....	100	58.33	25	-	16.67
Wenbera	100	9.96	90.04	-	-
Dibate	100	14.08	85.92	-	-
Pawe	100	10.08	89.92	-	-
Bulen	100	46.88	53.12	-	-
Asosa Zone.....	100	10.48	89.53	-	-
Asosa	100	14.98	85.02	-	-
Bambasi.....	100	5.97	94.03	-	-

TABLE 7-30: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF GOAT MEAT/MUTTON BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	74.92	17.70	0.08	9.29
Metekel Zone	100	77.46	10.19	0.10	12.25
Dangur.....	100	68.91	7.48	0.16	23.47
Guba	100	73.08	14.29	0.04	12.61
Wenbera	100	70.00	19.56	-	10.44
Mandura	100	90.70	5.87	-	3.44
Dibate	100	65.41	5.59	0.40	28.60
Pawe	100	94.19	1.98	-	3.84
Bulen	100	79.93	16.59	0.09	3.40
Asosa Zone.....	100	70.27	21.95	0.07	7.70
Menge.....	100	52.07	40.62	0.03	7.28
Kurmak.....	100	74.76	16.06	-	9.19
Asosa	100	70.95	17.87	0.06	11.13
Sherkole.....	100	46.72	45.96	0.52	6.79
Bambasi.....	100	90.95	5.63	0.10	3.34
Oda Godere	100	43.78	46.90	-	9.32
Komesha.....	100	69.34	26.05	0.18	4.43
Mao Komo Special.....	100	64.73	33.53	-	1.74
Kemeshi Zone	100	75.27	20.73	0.13	3.87
Yaso.....	100	70.84	23.96	-	5.21
Sirba Abay.....	100	63.57	29.42	0.58	6.43
Kamashi.....	100	69.59	29.25	-	1.16
Agalo Meti	100	81.42	17.16	0.07	1.34
Belo Jegonfoy	100	90.94	3.86	-	5.20

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	71.05	22.19	0.15	6.61
Metekel Zone	100	72.20	17.78	0.19	9.82
Dangur.....	100	71.21	14.95	0.31	13.5
Guba	100	57.76	28.57	0.07	13.6
Wenbera	100	66.81	24.22	-	8.97
Mandura	100	81.39	11.74	-	6.87
Dibate	100	79.86	8.01	0.8	11.33
Pawe	100	88.53	3.8	-	7.68
Bulen	100	59.86	33.18	0.17	6.79
Asosa Zone.....	100	65.67	28.07	0.13	6.14
Menge.....	100	52.07	40.62	0.03	7.28
Kurmak	100	79.52	12.11	-	8.37
Asosa	100	87.29	8.1	0.12	4.49
Sherkole.....	100	46.72	45.96	0.52	6.79
Bambasi.....	100	81.89	11.25	0.2	6.67
Oda Godere	100	43.78	46.9	-	9.32
Komesha.....	100	69.34	26.05	0.18	4.43
Mao Komo Special.....	100	64.73	33.53	-	1.74
Kemeshi Zone	100	75.27	20.73	0.13	3.87
Yaso.....	100	70.84	23.96	-	5.21
Sirba Abay.....	100	63.57	29.42	0.58	6.43
Kamashi.....	100	69.59	29.25	-	1.16
Agalo Meti	100	81.42	17.16	0.07	1.34
Belo Jegonfoy	100	90.94	3.86	-	5.2

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	78.79	9.20	-	11.97
Metekel Zone	100	82.71	2.60	-	14.68
Dangur.....	100	66.6	-	-	33.4
Guba.....	100	88.39	-	-	11.61
Wenbera	100	73.19	14.89	-	11.91
Mandura	100	100	-	-	-
Dibate	100	50.96	3.17	-	45.87
Pawe	100	99.85	0.15	-	-
Bulen	100	100	-	-	-
Asosa Zone.....	100	74.87	15.88	-	9.25
Kurmak	100	70	20	-	10
Asosa	100	54.6	27.64	-	17.76
Bambasi.....	100	100	-	-	-

TABLE 7-31: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF EGGS
BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	33.61	10.80	0.04	55.56
Metekel Zone	100	33.70	8.86	0.04	57.37
Dangur.....	100	22.91	9.56	-	67.54
Guba	100	48.75	6.08	0.15	45.03
Wenbera	100	38.16	4.98	-	56.87
Mandura	100	28.43	12.28	0.08	59.21
Dibate	100	27.26	13.60	0.10	59.06
Pawe	100	34.21	9.30	0.08	56.42
Bulen	100	36.20	6.32	0.02	57.47
Asosa Zone.....	100	36.14	13.91	0.03	49.94
Menge.....	100	46.33	6.95	0.01	46.71
Kurmak.....	100	38.02	16.59	-	45.40
Asosa	100	29.75	18.45	0.02	51.79
Sherkole.....	100	11.43	2.40	0.04	86.13
Bambasi.....	100	32.37	23.27	0.04	44.34
Oda Godere	100	11.11	6.67	0.19	82.04
Komesha.....	100	25.56	24.99	-	49.45
Mao Komo Special.....	100	20.10	23.88	-	56.02
Kemeshi Zone	100	14.78	11.40	0.07	73.75
Yaso.....	100	14.07	9.00	-	76.92
Sirba Abay.....	100	4.24	3.79	0.17	91.80
Kamashi.....	100	11.88	9.51	0.16	78.44
Agalo Meti	100	16.61	11.91	-	71.48
Belo Jigonfoy	100	27.09	22.80	-	50.12

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	20.03	13.78	0.07	66.11
Metekel Zone	100	27.31	10.64	0.08	61.93
Dangur.....	100	20.7	3.67	-	75.64
Guba	100	26.33	3.14	0.3	70.24
Wenbera	100	37.76	3.47	-	58.77
Mandura	100	33.86	22.28	0.16	43.70
Dibate	100	17.09	16.18	0.2	66.53
Pawe	100	31.68	17.32	0.15	50.85
Bulen	100	23.77	8.45	0.03	67.75
Asosa Zone.....	100	18.01	19.29	0.05	62.66
Menge.....	100	15.56	10.99	0.02	73.43
Kurmak.....	100	23.78	26.92	-	49.30
Asosa	100	20.34	33.25	0.04	46.37
Sherkole.....	100	11.43	2.4	0.04	86.13
Bambasi.....	100	16.21	25.19	0.07	58.54
Oda Godere	100	11.11	6.67	0.19	82.04
Komesha.....	100	25.56	24.99	-	49.45
Mao Komo Special.....	100	20.1	23.88	-	56.02
Kemeshi Zone	100	14.78	11.40	0.07	73.75
Yaso.....	100	14.07	9	-	76.92
Sirba Abay.....	100	4.24	3.79	0.17	91.80
Kamashi.....	100	11.88	9.51	0.16	78.44
Agalo Meti	100	16.61	11.91	-	71.48
Belo Jigonfoy	100	27.09	22.8	-	50.12

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	47.18	7.82	-	45.01
Metekel Zone	100	40.09	7.10	-	52.81
Dangur.....	100	25.11	15.45	-	59.44
Guba	100	71.17	9.01	-	19.82
Wenbera	100	38.56	6.48	-	54.96
Mandura	100	23	2.28	-	74.72
Dibate	100	37.42	11.01	-	51.58
Pawe	100	36.73	1.28	-	61.99
Bulen	100	48.62	4.19	-	47.18
Asosa Zone.....	100	54.26	8.83	-	37.21
Menge	100	77.1	2.91	-	19.99
Kurmak.....	100	52.25	6.25	-	41.5
Asosa	100	39.16	3.64	-	57.21
Bambasi.....	100	48.52	21.34	-	30.13

TABLE 7-32: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF HONEY BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	33.89	59.71	0.11	6.30
Metekel Zone	100	26.96	66.18	0.21	6.66
Dangur.....	100	14.01	55.75	1.17	29.08
Guba	100	22.51	75.91	-	1.57
Wenbera	100	48.48	51.17	-	0.37
Mandura	100	11.03	87.08	-	1.89
Dibate	100	34.88	63.67	0.05	1.41
Pawe	100	21.08	78.17	0.21	0.55
Bulen	100	32.74	60.24	0.03	7.01
Asosa Zone.....	100	43.29	48.95	0.11	7.66
Menge.....	100	73.80	22.83	-	3.37
Kurmak.....	100	83.34	16.67	-	-
Asosa	100	29.05	69.12	-	1.83
Sherkole.....	100	-	-	-	100.00
Bambasi.....	100	32.82	65.63	0.34	1.23
Oda Godere	100	14.61	84.85	-	0.55
Komesha.....	100	24.24	68.70	0.98	6.08
Mao Komo Special.....	100	22.77	75.16	-	2.07
Kemeshi Zone	100	20.93	75.92	0.03	3.12
Yaso.....	100	15.36	82.20	0.13	2.32
Sirba Abay.....	100	16.12	81.33	-	2.55
Kamashi.....	100	24.31	73.12	-	2.57
Agalo Meti	100	36.80	55.79	-	7.40
Belo Jegonfoy	100	12.06	87.18	-	0.76

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	25.88	67.33	0.22	6.58
Metekel Zone	100	23.48	73.92	0.41	2.19
Dangur.....	100	13.59	82.12	2.33	1.96
Guba	100	22.51	75.91	-	1.57
Wenbera	100	38.24	61.04	-	0.73
Mandura	100	17.08	79.14	-	3.78
Dibate	100	18.53	78.56	0.1	2.82
Pawe	100	37.62	60.87	0.42	1.09
Bulen	100	16.77	79.8	0.05	3.38
Asosa Zone.....	100	32.22	52.14	0.21	14.44
Menge.....	100	73.8	22.83	-	3.37
Kurmak.....	100	66.67	33.33	-	-
Asosa	100	34.52	64.45	-	1.03
Sherkole.....	100	-	-	-	100
Bambasi.....	100	29.12	67.76	0.67	2.45
Oda Godere	100	14.61	84.85	-	0.55
Komesha.....	100	24.24	68.7	0.98	6.08
Mao Komo Special.....	100	22.77	75.16	-	2.07
Kemeshi Zone	100	20.93	75.92	0.03	3.12
Yaso.....	100	15.36	82.2	0.13	2.32
Sirba Abay.....	100	16.12	81.33	-	2.55
Kamashi.....	100	24.31	73.12	-	2.57
Agalo Meti	100	36.8	55.79	-	7.4
Belo Jigonfoy	100	12.06	87.18	-	0.76

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	41.90	52.10	-	6.01
Metekel Zone	100	30.43	58.43	-	11.14
Dangur.....	100	14.43	29.37	-	56.19
Wenbera	100	58.71	41.29	-	-
Mandura	100	4.98	95.02	-	-
Dibate	100	51.23	48.77	-	-
Pawe	100	4.53	95.47	-	-
Bulen	100	48.7	40.68	-	10.63
Asosa Zone.....	100	53.36	45.76	-	0.88
Kurmak.....	100	100	-	-	-
Asosa	100	23.58	73.79	-	2.63
Bambasi.....	100	36.51	63.49	-	-

TABLE 7-33: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF BEES WAX BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	36.33	24.26	0.04	39.39
Metekel Zone	100	14.10	26.91	0.11	58.88
Dangur.....	100	21.29	-	1.57	77.14
Guba	100	-	100.00	-	-
Wenbera	100	46.74	2.48	-	50.79
Mandura	100	1.08	98.92	-	-
Dibate	100	19.91	80.09	-	-
Pawe	100	56.83	-	-	43.17
Bulen	100	4.82	92.82	-	2.37
Asosa Zone.....	100	60.73	16.68	-	22.60
Menge.....	-	-	-	-	-
Kurmak.....	100	100.00	-	-	-
Asosa	100	32.28	14.61	-	53.12
Sherkole.....	-	-	-	-	-
Bambasi.....	100	68.68	13.68	-	17.65
Oda Godere	100	16.20	83.80	-	-
Komesha.....	100	-	7.62	-	92.38
Mao Komo Special.....	-	-	-	-	-
Kemeshi Zone	100	18.28	58.35	-	23.36
Yaso.....	100	6.28	72.21	-	21.51
Sirba Abay.....	100	74.23	7.72	-	18.05
Kamashi.....	100	-	100.00	-	-
Agalo Meti	100	10.91	41.60	-	47.49
Belo Jigonfoy	100	-	70.23	-	29.77

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	22.65	48.51	0.07	28.77
Metekel Zone	100	28.20	53.82	0.22	17.75
Dangur.....	100	21.29	-	1.57	77.14
Guba	100	-	100	-	-
Wenbera	100	93.48	4.95	-	1.58
Mandura	100	1.08	98.92	-	-
Dibate	100	19.91	80.09	-	-
Pawe	100	56.83	-	-	43.17
Bulen	100	4.82	92.82	-	2.37
Asosa Zone.....	100	21.46	33.35	-	45.20
Asosa	100	32.28	14.61	-	53.12
Bambasi.....	100	37.35	27.35	-	35.3
Oda Godere	100	16.2	83.8	-	-
Komesha.....	100	-	7.62	-	92.38
Kemeshi Zone	100	18.28	58.35	-	23.36
Yaso.....	100	6.28	72.21	-	21.51
Sirba Abay.....	100	74.23	7.72	-	18.05
Kamashi.....	100	-	100	-	-
Agalo Meti	100	10.91	41.6	-	47.49
Belo Jigonfoy	100	-	70.23	-	29.77

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	50.00	-	-	50.00
Metekel Zone	100	-	-	-	100
Wenbera	100	-	-	-	100
Asosa Zone.....	100	100	-	-	-
Kurmak	100	100	-	-	-
Bambasi	100	100	-	-	-

TABLE 7-34: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF WOOL BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	26.30	65.37	-	8.34
Metekel Zone	100	16.67	83.19	-	-
Dangur.....	100	100.00	-	-	-
Guba	-	-	-	-	-
Wenbera	-	-	-	-	-
Mandura	-	-	-	-	-
Dibate	100	-	100.00	-	-
Pawe	-	-	-	-	-
Bulen	100	-	100.00	-	-
Asosa Zone.....	100	74.45	25.55	-	-
Menge.....	-	-	-	-	-
Kurmak	-	-	-	-	-
Asosa	100	72.79	27.21	-	-
Sherkole.....	100	100.00	-	-	-
Bambasi	100	25.02	74.98	-	-
Oda Godere	-	-	-	-	-
Komesha.....	-	-	-	-	-
Mao Komo Special.....	100	100.00	-	-	-
Kemeshi Zone	100	50.00	-	-	50.00
Yaso.....	-	-	-	-	-
Sirba Abay.....	100	-	-	-	100.00
Kamashi.....	100	100.00	-	-	-
Agalo Meti	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	52.59	30.74	-	16.67
Metekel Zone	100	33.33	66.67	-	-
Dangur.....	100	100	-	-	-
Dibate	100	-	100	-	-
Bulen	100	-	100	-	-
Asosa Zone.....	100	74.45	25.55	-	-
Asosa	100	72.79	27.21	-	-
Sherkole.....	100	100	-	-	-
Bambasi.....	100	25.02	74.98	-	-
Mao Komo Special.....	100	100	-	-	-
Kemeshi Zone	100	50.00	-	-	50.00
Sirba Abay.....	100	-	-	-	100
Kamashi.....	100	100	-	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	-	100	-	-
Metekel Zone	100	-	100	-	-
Dibate	100	-	100	-	-
Pawe	-	-	-	-	-
Bulen	-	-	-	-	-

TABLE 7-35: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF HIDES
BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	34.98	61.88	0.11	3.00
Metekel Zone	100	18.77	78.68	0.26	2.61
Dangur.....	100	27.11	72.90	-	-
Guba	100	21.24	74.12	-	4.64
Wenbera	100	39.67	57.45	-	2.89
Mandura	100	20.88	73.55	-	5.57
Dibate	100	24.19	69.16	1.83	4.83
Pawe	100	3.34	96.67	-	-
Bulen	100	4.80	92.42	-	2.78
Asosa Zone.....	100	49.26	46.11	0.09	4.52
Menge.....	100	38.15	13.95	-	47.90
Kurmak.....	100	50.00	50.00	-	-
Asosa	100	57.44	40.86	0.52	1.18
Sherkole.....	100	22.83	75.07	0.42	1.68
Bambasi.....	100	77.73	21.93	-	0.34
Oda Godere	100	70.38	23.94	-	5.68
Komesha.....	100	15.80	70.18	-	14.03
Mao Komo Special.....	100	72.88	27.12	-	-
Kemeshi Zone	100	48.42	47.05	-	4.56
Yaso.....	100	24.44	75.20	-	0.36
Sirba Abay.....	100	85.18	6.16	-	8.66
Kamashi.....	100	50.00	50.00	-	-
Agalo Meti	100	71.25	15.19	-	13.56
Belo Jigonfoy	100	11.26	88.74	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	44.55	49.21	0.24	6.01
Metekel Zone	100	26.25	68.76	0.52	5.22
Dangur.....	100	54.21	45.79	-	-
Guba	100	21.24	74.12	-	4.64
Wenbera	100	63.04	31.18	-	5.78
Mandura	100	20.88	73.55	-	5.57
Dibate	100	8.17	78.52	3.67	9.65
Pawe	100	6.67	93.33	-	-
Bulen	100	9.59	84.84	-	5.57
Asosa Zone.....	100	58.95	31.81	0.18	9.04
Menge.....	100	38.15	13.95	-	47.9
Kurmak.....	100	100	-	-	-
Asosa	100	68.4	28.18	1.04	2.37
Sherkole.....	100	22.83	75.07	0.42	1.68
Bambasi.....	100	83.21	16.11	-	0.68
Oda Godere	100	70.38	23.94	-	5.68
Komesha.....	100	15.8	70.18	-	14.03
Mao Komo Special.....	100	72.88	27.12	-	-
Kemeshi Zone	100	48.42	47.05	-	4.56
Yaso.....	100	24.44	75.2	-	0.36
Sirba Abay.....	100	85.18	6.16	-	8.66
Kamashi.....	100	50	50	-	-
Agalo Meti	100	71.25	15.19	-	13.56
Belo Jigonfoy	100	11.26	88.74	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	25.43	74.56	-	-
Metekel Zone	100	11.29	88.70	-	-
Dangur.....	100	-	100	-	-
Wenbera	100	16.29	83.71	-	-
Dibate	100	40.2	59.8	-	-
Pawe	100	-	100	-	-
Bulen	100	-	100	-	-
Asosa Zone.....	100	39.57	60.42	-	-
Kurmak.....	100	-	100	-	-
Asosa	100	46.47	53.53	-	-
Bambasi.....	100	72.25	27.75	-	-

TABLE 7-36: LIVESTOCK PRODUCT UTILIZATION - PERCENTAGE OF USES OF SKIN BY TYPE OF USE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	25.37	64.79	0.02	9.82
Metekel Zone	100	9.55	77.49	0.06	12.91
Dangur.....	100	4.21	95.79	-	-
Guba	100	18.80	79.39	-	1.81
Wenbera	100	20.09	25.70	0.22	53.99
Mandura	100	2.54	80.80	-	16.67
Dibate	100	19.71	79.99	-	0.30
Pawe	100	7.10	85.73	-	7.18
Bulen	100	1.60	98.07	0.19	0.15
Asosa Zone.....	100	35.50	58.69	0.04	5.79
Menge.....	100	45.75	17.02	-	37.23
Kurmak.....	100	70.63	10.32	-	19.05
Asosa	100	42.84	56.44	-	0.73
Sherkole.....	100	96.47	0.41	-	3.12
Bambasi.....	100	36.33	60.27	-	3.41
Oda Godere	100	78.67	14.08	0.30	6.94
Komesha.....	100	34.60	56.76	-	8.64
Mao Komo Special.....	100	83.49	7.08	-	9.42
Kemeshi Zone	100	59.91	29.70	-	10.39
Yaso.....	100	39.04	60.96	-	-
Sirba Abay.....	100	85.64	4.21	-	10.15
Kamashi.....	100	81.66	18.34	-	-
Agalo Meti	100	66.19	0.67	-	33.14
Belo Jegonfoy	100	27.02	64.32	-	8.66

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	48.52	42.91	0.05	8.52
Metekel Zone	100	14.66	81.65	0.12	3.58
Dangur.....	100	8.43	91.57	-	-
Guba	100	18.8	79.39	-	1.81
Wenbera	100	40.18	51.4	0.44	7.98
Mandura	100	5.07	94.93	-	-
Dibate	100	12.75	86.65	-	0.6
Pawe	100	14.2	71.45	-	14.35
Bulen	100	3.19	96.14	0.38	0.29
Asosa Zone.....	100	70.99	17.38	0.04	11.58
Menge.....	100	45.75	17.02	-	37.23
Kurmak.....	100	70.63	10.32	-	19.05
Asosa	100	85.68	12.87	-	1.45
Sherkole.....	100	96.47	0.41	-	3.12
Bambasi.....	100	72.66	20.53	-	6.81
Oda Godere	100	78.67	14.08	0.3	6.94
Komesha.....	100	34.6	56.76	-	8.64
Mao Komo Special.....	100	83.49	7.08	-	9.42
Kemeshi Zone	100	59.91	29.70	-	10.39
Yaso.....	100	39.04	60.96	-	-
Sirba Abay.....	100	85.64	4.21	-	10.15
Kamashi.....	100	81.66	18.34	-	-
Agalo Meti	100	66.19	0.67	-	33.14
Belo Jigonfoy	100	27.02	64.32	-	8.66

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Benshangul-Gumuz Region.....	100	2.22	86.67	-	11.11
Metekel Zone	100	4.45	73.33	-	22.22
Dangur.....	100	-	100	-	-
Wenbera	100	-	-	-	100
Mandura	100	-	66.67	-	33.33
Dibate	100	26.67	73.33	-	-
Pawe	100	-	100	-	-
Bulen	100	-	100	-	-
Asosa Zone.....	100	-	100	-	-
Asosa	100	-	100	-	-
Bambasi.....	100	-	100	-	-

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

Annex Tables 7.1 – 7.10

Annex Table 7.1- Estimates of Livestock, Standard Errors and Coefficients of Variation by Type, Zone, and Wereda

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	309,627	10,578	3	58,767	2,937	5	200,470	6,768	3
Metekel Zone.....	193,914	8,835	5	36,695	2,714	7	89,119	5,340	6
Dangur.....	11,540	2,416	21	3,928	690	18	12,183	1,772	15
Guba.....	8,464	1,486	18	4,199	776	18	17,504	1,794	10
Wenbera.....	43,194	4,548	11	9,054	1,056	12	14,787	3,094	21
Mandura.....	11,008	1,261	11	3,548	335	9	11,695	824	7
Dibate.....	57,395	4,450	8	6,045	767	13	15,147	2,454	16
Pawe.....	31,801	4,345	14	5,794	2041	35	3,312	754	23
Bulen.....	30,511	3,010	10	4,127	551	13	14,491	2,306	16
Asosa Zone.....	81,939	5,372	7	10,231	895	9	73,181	3,634	5
Menge.....	1,486	283	19	1,791	447	25	19,410	1,811	9
Kurmak.....	35	19	54	2	-	-	3,238	325	10
Asosa.....	33,314	3,584	11	3,699	550	15	13,140	2,101	16
Sherkole.....	260	94	36	579	239	41	9,923	1,009	10
Bambasi.....	27,618	3,404	12	1,774	352	20	7,214	822	11
Oda Godere.....	8,346	1,549	19	956	249	26	11,684	1,770	15
Komesha.....	459	200	44	59	27	46	5,087	590	12
Mao Komo Special.....	10,422	1,375	13	1,371	236	17	3,485	477	14
Kemeshi Zone	33,775	2,235	7	11,844	676	6	38,172	2,023	5
Yaso.....	9,871	587	6	2,680	234	9	7,131	476	7
Sirba Abay.....	4,500	1,615	36	1,730	421	24	11,310	1,774	16
Kamashi.....	4,874	827	17	2,298	258	11	5,982	501	8
Agalo Meti.....	4,407	922	21	1,584	159	10	11,981	637	5
Belo Jefonfoy.....	10,123	711	7	3,551	365	10	1,767	244	14

cont'd

Geographic Area	HORSES			ASSES			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	559	171	31	30,952	1,199	4	1,394	140	10	15	7	49
Metekel Zone.....	530	170	32	13,926	746	5	660	97	15	15	7	49
Dangur.....	-	-	-	2,020	430	21	74	37	50	-	-	-
Guba.....	-	-	-	1,375	162	12	74	20	27	15	7	49
Wenbera.....	530	170	32	4,655	391	8	333	71	21	-	-	-
Mandura.....	-	-	-	1,106	133	12	45	20	44	-	-	-
Dibate.....	-	-	-	2,385	298	13	114	44	38	-	-	-
Pawe.....	-	-	-	500	126	25	3	3	93	-	-	-
Bulen.....	-	-	-	1,884	265	14	17	17	101	-	-	-
Asosa Zone.....	29	22	76	14,089	918	7	499	91	18	-	-	-
Menge.....	-	-	-	3,970	477	12	117	34	29	-	-	-
Kurmak.....	-	-	-	360	62	17	-	-	-	-	-	-
Asosa.....	-	-	-	2,601	617	24	133	59	44	-	-	-
Sherkole.....	-	-	-	1,710	257	15	-	-	-	-	-	-
Bambasi.....	-	-	-	2,327	309	13	92	36	39	-	-	-
Oda Godere.....	-	-	-	1,253	166	13	35	24	69	-	-	-
Komesha.....	-	-	-	873	125	14	42	29	68	-	-	-
Mao Komo Special.....	29	22	76	993	160	16	80	30	38	-	-	-
Kemeshi Zone	-	-	-	2,937	197	7	235	43	18	-	-	-
Yaso.....	-	-	-	576	74	13	40	12	30	-	-	-
Sirba Abay.....	-	-	-	517	87	17	62	23	38	-	-	-
Kamashi.....	-	-	-	672	102	15	59	18	30	-	-	-
Agalo Meti.....	-	-	-	585	91	16	25	16	63	-	-	-
Belo Jegonfof.....	-	-	-	587	84	14	49	25	50	-	-	-

Annex Table 7.2- Estimates of Cattle, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda

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
Benshangul-Gumuz Region	15,513	765	5	15,299	747	5	27,173	1,281	5	75,211	2,683	4	2,313	309	13
Metekel Zone.....	9,487	582	6	9,924	623	6	16,740	1043	6	46,317	2,292	5	1,952	287	15
Dangur.....	443	133	30	509	145	28	1,098	257	23	3,290	668	20	409	140	34
Guba.....	519	86	17	623	161	26	581	108	19	501	119	24	13	8	61
Wenbera.....	2,205	263	12	2,180	361	17	3,463	487	14	10,760	1,380	13	507	142	28
Mandura.....	578	86	15	644	99	15	1053	167	16	2,087	361	17	43	27	62
Dibate.....	2,505	336	13	2,991	294	10	4,705	433	9	13,577	1,117	8	739	193	26
Pawe.....	1,470	259	18	1,139	240	21	3,093	650	21	9,776	844	9	115	40	34
Bulen.....	1,767	238	13	1,839	238	13	2,748	369	13	6,325	894	14	125	54	43
Asosa Zone.....	4,229	465	11	3,751	368	10	7,638	713	9	22,133	1,349	6	282	111	39
Menge.....	32	23	72	15	17	111	100	43	43	950	175	18	17	14	85
Kurmak.....	-	-	-	-	-	-	35	19	54	-	-	-	-	-	-
Asosa.....	1,261	242	19	1,696	291	17	3,066	498	16	10,064	1,062	11	129	98	76
Sherkole.....	9	11	124	-	-	-	6	8	124	209	89	43	-	-	-
Bambasi.....	1,660	352	21	1100	159	14	2,983	454	15	6,834	676	10	67	34	51
Oda Godere.....	388	97	25	384	105	27	640	156	24	1,912	349	18	-	-	-
Komesha.....	32	20	62	28	19	67	25	28	112	120	56	47	-	-	-
Mao Komo Special.....	847	152	18	528	116	22	783	165	21	2,045	269	13	70	37	53
Kemeshi Zone	1,797	174	10	1,624	187	12	2,795	212	8	6,760	359	5	79	27	35
Yaso.....	578	68	12	466	53	11	640	77	12	1,733	145	8	35	20	57
Sirba Abay.....	328	126	38	279	145	52	337	108	32	403	148	37	-	-	-
Kamashi.....	320	63	20	253	66	26	468	88	19	835	172	21	29	12	42
Agalo Meti.....	222	53	24	125	33	26	424	73	17	615	121	20	14	14	100
Belo Jigonfoy.....	349	55	16	500	74	15	925	119	13	3,175	205	6	-	-	-

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
Benshangul-Gumuz Region	17,073	845	5	16,364	800	5	30,570	1,227	4	105,600	3,742	4	4,512	494	11
Metekel Zone.....	10,431	686	7	10,135	626	6	19,555	1032	5	66,098	3,025	5	3,275	455	14
Dangur.....	307	102	33	465	137	30	981	281	29	3,696	811	22	344	154	45
Guba.....	757	167	22	557	111	20	977	155	16	3,751	641	17	184	58	32
Wenbera.....	2,310	310	13	2,223	336	15	4,102	526	13	14,983	1,428	10	459	104	23
Mandura.....	707	114	16	555	108	19	1129	135	12	4,174	458	11	39	18	46
Dibate.....	2,726	344	13	3,082	344	11	6,433	622	10	18,953	1,513	8	1,684	378	22
Pawe.....	1535	377	25	1330	245	18	2,709	425	16	10,227	1615	16	408	151	37
Bulen.....	2,089	251	12	1,923	242	13	3,225	316	10	10,314	968	9	156	51	33
Asosa Zone.....	4,078	401	10	3,945	413	10	7,566	614	8	27,484	2,021	7	833	157	19
Menge.....	19	15	78	35	23	65	71	30	43	240	78	32	6	7	107
Kurmak.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asosa.....	1,191	224	19	1,605	331	21	2,893	455	16	11,102	1,298	12	307	106	35
Sherkole.....	-	-	-	-	-	-	13	11	85	13	11	85	9	11	124
Bambasi.....	1,649	273	17	1,290	193	15	2,540	296	12	9,219	1,323	14	275	68	25
Oda Godere.....	533	140	26	455	120	26	796	180	23	3,146	615	20	94	74	79
Komesha.....	29	23	79	38	22	58	66	33	50	112	58	52	8	9	112
Mao Komo Special.....	656	127	19	522	94	18	1,186	218	18	3,651	510	14	135	54	40
Kemeshi Zone	2,564	287	11	2,284	277	12	3,449	253	7	12,018	876	7	405	112	28
Yaso.....	842	80	9	674	75	11	968	108	11	3,821	240	6	114	41	36
Sirba Abay.....	509	241	47	441	233	53	563	162	29	1,528	428	28	112	91	81
Kamashi.....	313	67	21	280	80	29	482	79	16	1,846	312	17	48	20	41
Agalo Meti.....	312	72	23	306	69	22	500	77	15	1,812	604	33	77	41	53
Belo Jegonfoy.....	589	90	15	583	75	13	936	119	13	3,012	255	8	54	25	46

Annex Table 7.3- Estimates of Sheep, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda
Male Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	7,938	553	7	3,617	325	9	2,247	195	9	3,128	265	8
Metekel Zone.....	5,088	515	10	2,326	289	12	1,338	164	12	2,030	211	10
Dangur.....	562	122	22	136	58	43	153	50	33	272	86	32
Guba.....	387	62	16	164	31	19	138	41	30	219	51	23
Wenbera.....	1,300	213	16	573	113	20	290	74	25	598	112	19
Mandura.....	523	81	15	219	56	25	105	33	31	134	48	36
Dibate.....	704	134	19	392	88	22	281	97	35	429	110	26
Pawe.....	1063	402	38	653	232	36	212	68	32	135	60	45
Bulen.....	549	120	22	189	46	24	159	45	29	244	61	25
Asosa Zone.....	1,283	162	13	475	106	22	395	84	21	544	145	27
Menge.....	207	59	28	51	31	61	151	48	32	112	63	56
Kurmak.....	-	-	-	1	-	-	-	-	-	-	-	-
Asosa.....	492	118	24	186	86	46	116	57	49	208	104	50
Sherkole.....	4	4	122	17	17	101	-	-	-	20	14	71
Bambasi.....	243	63	26	137	42	31	68	30	44	77	41	54
Oda Godere.....	62	27	44	35	21	59	48	22	47	89	65	73
Komesha.....	-	-	-	-	-	-	-	-	-	5	5	107
Mao Komo Special.....	276	66	24	48	24	49	12	9	77	33	17	51
Kemeshi Zone	1,568	120	8	817	102	13	515	64	12	553	71	13
Yaso.....	449	59	13	109	19	17	93	19	21	126	23	18
Sirba Abay.....	157	44	28	87	41	47	92	31	34	128	46	36
Kamashi.....	393	69	18	152	37	24	112	29	26	38	16	42
Agalo Meti.....	201	32	16	75	20	27	53	15	28	112	27	24
Belo Jefonfoy.....	367	56	15	393	82	21	164	42	25	149	37	25

Female Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	8,484	474	6	4,832	396	8	5,759	375	7	22,765	1231	5
Metekel Zone.....	5,041	398	8	2,766	326	12	3,686	326	9	14,420	1144	8
Dangur.....	526	121	23	291	117	40	538	152	28	1451	262	18
Guba.....	614	129	21	156	34	22	675	149	22	1846	380	21
Wenbera.....	1,459	215	15	551	105	19	1003	172	17	3279	362	11
Mandura.....	461	71	15	286	63	22	273	62	23	1548	144	9
Dibate.....	816	166	20	535	111	21	532	112	21	2356	313	13
Pawe.....	533	188	35	517	230	45	261	72	28	2420	891	37
Bulen.....	632	114	18	431	105	24	403	100	25	1521	224	15
Asosa Zone.....	1,599	211	13	973	192	20	926	143	15	4038	382	9
Menge.....	257	73	28	271	120	44	118	45	39	626	182	29
Kurmak.....	-	-	-	-	-	-	-	-	-	-	-	-
Asosa.....	595	147	25	221	105	48	312	82	26	1569	259	16
Sherkole.....	21	18	85	156	79	51	164	79	48	198	82	42
Bambasi.....	297	72	24	143	46	32	186	59	32	624	138	22
Oda Godere.....	158	83	53	71	31	44	63	31	50	431	102	24
Komesha.....	3	3	75	8	7	88	5	5	107	38	22	58
Mao Komo Special.....	268	73	27	103	41	40	78	28	36	553	99	18
Kemeshi Zone	1844	146	8	1093	117	11	1148	119	10	4307	246	6
Yaso.....	521	61	12	215	44	20	234	35	15	933	95	10
Sirba Abay.....	273	79	29	198	65	33	224	82	37	571	122	21
Kamashi.....	384	55	14	179	35	20	282	47	17	757	87	12
Agalo Meti.....	177	33	19	158	43	27	144	31	22	663	76	11
Belo Jefonfoy.....	490	85	17	343	67	19	264	55	21	1383	153	11

Annex Table 7.4- Estimates of Goats, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda
Male Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	24,046	864	4	11,515	576	5	7,678	476	6	11,815	772	7
Metekel Zone.....	11,024	653	6	5,086	442	9	3,227	361	11	5,586	614	11
Dangur.....	1,720	275	16	796	209	26	497	135	27	741	232	31
Guba.....	1,710	181	11	781	114	15	568	78	14	738	131	18
Wenbera.....	1,649	302	18	624	157	25	315	109	35	1,021	363	36
Mandura.....	1,751	167	10	463	86	19	284	62	22	612	139	23
Dibate.....	1,845	291	16	1,116	240	21	716	177	25	1,013	280	28
Pawe.....	584	155	27	342	90	26	28	16	56	381	152	40
Bulen.....	1,764	299	17	964	203	21	818	242	30	1,080	232	21
Asosa Zone.....	8,570	513	6	4,341	338	8	3,031	280	9	4,008	398	10
Menge.....	2,303	254	11	1,100	160	15	631	125	20	1,122	194	17
Kurmak.....	209	58	28	298	85	29	187	43	23	152	50	33
Asosa.....	1,944	315	16	856	208	24	751	187	25	589	214	36
Sherkole.....	894	157	18	379	73	19	330	72	22	580	113	19
Bambasi.....	908	153	17	601	108	18	345	86	25	419	116	28
Oda Godere.....	1,049	166	16	714	127	18	398	86	22	771	191	25
Komesha.....	660	99	15	276	54	19	288	63	22	301	95	32
Mao Komo Special.....	602	100	17	116	44	38	102	43	42	73	34	46
Kemeshi Zone	4,453	239	5	2,088	149	7	1,421	133	9	2,222	243	11
Yaso.....	885	80	9	495	71	14	222	34	15	380	43	11
Sirba Abay.....	1,191	160	13	452	75	17	439	101	23	692	197	28
Kamashi.....	918	108	12	448	69	15	206	39	19	309	70	23
Agalo Meti.....	1,203	102	8	597	79	13	471	64	14	747	113	15
Belo Jigonfoy.....	256	55	22	96	25	26	83	28	33	93	30	32

Female Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	29,007	1178	4	20,039	959	5	22,538	1078	5	73,832	2557	3
Metekel Zone.....	13,617	876	6	8,692	771	9	9,962	823	8	31,925	1889	6
Dangur.....	1881	292	16	1076	227	21	1396	305	22	4076	636	16
Guba.....	2896	342	12	1651	199	12	2185	237	11	6975	749	11
Wenbera.....	2,449	557	23	1690	492	29	1562	437	28	5477	1136	21
Mandura.....	1813	178	10	838	105	13	887	123	14	5046	398	8
Dibate.....	1968	302	15	1576	280	18	1761	386	22	5153	869	17
Pawe.....	435	115	26	191	56	29	197	74	38	1153	296	26
Bulen.....	2174	345	16	1671	410	25	1974	410	21	4045	557	14
Asosa Zone.....	9,417	660	7	7523	513	7	8402	593	7	27890	1541	6
Menge.....	2435	321	13	1892	248	13	2264	348	15	7662	719	9
Kurmak.....	318	71	22	334	72	22	511	83	16	1230	140	11
Asosa.....	1591	392	25	1301	247	19	1183	255	22	4925	925	19
Sherkole.....	1420	212	15	1211	195	16	1420	190	13	3690	452	12
Bambasi.....	1036	140	14	684	132	19	832	136	16	2387	326	14
Oda Godere.....	1342	287	21	1342	259	19	1403	300	21	4663	762	16
Komesha.....	656	113	17	374	68	18	529	97	18	2002	238	12
Mao Komo Special.....	618	120	19	385	94	24	259	72	28	1330	183	14
Kemeshi Zone	5973	429	7	3824	252	7	4174	365	9	14017	773	6
Yaso.....	1,230	114	9	672	74	11	604	66	11	2643	198	7
Sirba Abay.....	1811	366	20	1125	183	16	1440	320	22	4160	671	16
Kamashi.....	924	114	12	601	76	13	669	85	13	1908	166	9
Agalo Meti.....	1790	146	8	1270	129	10	1360	135	10	4542	259	6
Belo Jigonfof.....	218	49	22	156	45	29	101	30	29	763	118	15

Annex Table 7.5- Estimates of Horses, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda

[illegible]

Annex Table 7.6- Estimates of Asses, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	3,509	266	8	17,577	820	5	2,566	225	9	7,301	440	6
Metekel Zone.....	1,232	151	12	9,757	625	6	642	85	13	2,294	212	9
Dangur.....	278	99	36	1,470	328	22	90	36	40	182	64	35
Guba.....	158	31	20	424	56	13	171	36	21	622	80	13
Wenbera.....	331	73	22	3,581	386	11	156	43	28	588	118	20
Mandura.....	104	32	31	539	83	15	97	30	31	367	69	19
Dibate.....	145	44	31	1,924	248	13	74	37	50	242	100	41
Pawe.....	136	53	39	176	47	27	26	16	62	162	56	34
Bulen.....	80	30	38	1,644	246	15	29	18	64	131	50	38
Asosa Zone.....	1,993	214	11	5,895	512	9	1,742	205	12	4,459	379	9
Menge.....	666	138	21	1,373	194	14	490	101	21	1,441	243	17
Kurmak.....	22	12	55	338	60	18	-	-	-	-	-	-
Asosa.....	330	101	31	1,428	416	29	241	116	48	602	196	33
Sherkole.....	306	82	27	623	109	17	245	56	23	536	101	19
Bambasi.....	337	78	23	558	101	18	442	99	22	990	150	15
Oda Godere.....	100	30	30	758	129	17	74	28	38	321	70	22
Komesha.....	115	37	32	509	76	15	78	31	39	172	40	23
Mao Komo Special.....	115	38	33	308	62	20	172	59	34	397	85	21
Kemeshi Zone	283	45	16	1,924	140	7	181	37	20	548	73	13
Yaso.....	2	2	97	519	67	13	9	6	60	46	21	45
Sirba Abay.....	47	18	38	280	50	18	70	24	34	120	34	28
Kamashi.....	48	17	37	465	72	16	33	12	36	127	30	24
Agalo Meti.....	83	23	28	271	51	19	41	21	51	190	48	25
Belo Jegonfoy.....	104	29	28	389	69	18	28	14	52	66	23	35

Annex Table 7.7- Estimates of Mules, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	13	9	69	613	87	14	11	11	98	756	107	14
Metekel Zone.....	4	4	100	349	71	20	-	-	-	307	71	23
Dangur.....	-	-	-	-	-	-	-	-	-	74	37	50
Guba.....	-	-	-	-	-	-	-	-	-	74	20	27
Wenbera.....	4	4	100	194	52	27	-	-	-	136	54	40
Mandura.....	-	-	-	45	20	44	-	-	-	-	-	-
Dibate.....	-	-	-	91	42	46	-	-	-	23	17	72
Pawe.....	-	-	-	3	3	93	-	-	-	-	-	-
Bulen.....	-	-	-	17	17	101	-	-	-	-	-	-
Asosa Zone.....	10	8	87	121	38	32	11	11	98	357	77	22
Menge.....	10	8	87	10	8	87	-	-	-	98	28	28
Kurmak.....	-	-	-	-	-	-	-	-	-	-	-	-
Asosa.....	-	-	-	3	3	113	-	-	-	130	58	45
Sherkole.....	-	-	-	-	-	-	-	-	-	-	-	-
Bambasi.....	-	-	-	41	23	56	11	11	98	40	20	49
Oda Godere.....	-	-	-	14	11	79	-	-	-	21	18	84
Komesha.....	-	-	-	-	-	-	-	-	-	42	29	68
Mao Komo Special.....	-	-	-	54	27	51	-	-	-	26	14	55
Kemeshi Zone	-	-	-	143	33	23	-	-	-	92	24	26
Yaso.....	-	-	-	15	8	51	-	-	-	25	9	36
Sirba Abay.....	-	-	-	32	14	43	-	-	-	30	13	44
Kamashi.....	-	-	-	41	14	34	-	-	-	17	10	58
Agalo Meti.....	-	-	-	6	5	91	-	-	-	20	15	76
Belo Jigonfoy.....	-	-	-	49	25	50	-	-	-	-	-	-

Annex Table 7.8- Estimates of Camels, Standard Errors and Coefficients of Variation by Age group, Zone, and Wereda

[illegible]

Annex Table 7.9- Estimates of Poultry, Standard Errors and Coefficients of Variation By Type, Zone, and Wereda

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
Benshangul-Gumuz Region	961,196	20,955	2	70,591	1,800	3	77,868	2,795	4	120,181	4,009	3	27,901	1,635	6	469,573	10,653	2	195,082	4,819	2
Metekel Zone.....	415,006	16,691	4	27,701	1,377	5	35,220	2,174	6	49,342	2,657	5	16,808	1,413	8	212,363	8,322	4	73,572	3,720	5
Dangur.....	57,210	5,594	10	3,501	574	16	5,559	1,022	18	6,593	954	14	2,542	646	25	29,764	2,840	10	9,251	933	10
Guba.....	30,040	2,506	8	1,567	132	8	2,704	340	13	4,494	477	11	1,502	245	16	14,449	1,116	8	5,323	494	9
Wenbera.....	67,739	4,789	7	6,063	457	8	4,314	561	13	6,314	866	14	2,516	660	26	35,115	2,962	8	13,416	885	7
Mandura.....	39,908	2,614	7	2,415	220	9	3,887	485	12	5,459	548	10	1,363	286	21	19,521	1,489	8	7,263	414	6
Dibate.....	79,006	5,345	7	4,931	458	9	6,049	888	15	9,096	1,210	13	4,086	769	19	42,830	2,902	7	12,015	898	7
Pawe.....	80,491	11,961	15	3,913	749	19	6,587	1046	16	10,623	1643	15	1503	356	24	42,125	5,672	13	15,740	3095	20
Bulen.....	60,611	6,293	10	5,311	723	14	6,120	1,064	17	6,762	840	12	3,296	532	16	28,560	2,892	10	10,564	1,177	11
Asosa Zone.....	403,153	12,119	3	32,286	1,088	3	31,296	1,689	5	53,138	2,909	5	7,374	731	10	182,729	6,255	3	96,329	3,004	3
Menge.....	54,328	6,257	12	3,641	437	12	3,626	560	15	7,863	1,730	22	841	246	29	24,086	2,546	11	14,271	1,541	11
Kurmak.....	25,357	1,830	7	2,757	243	9	1,909	287	15	3,311	354	11	1,111	296	27	9,591	810	8	6,677	544	8
Asosa.....	130,031	8,263	6	11,628	766	7	11,054	1,263	11	18,409	1,937	11	1,892	445	23	55,734	4,425	8	31,314	2,071	7
Sherkole.....	39,346	2,888	7	3,112	293	9	3,926	474	12	5,479	657	12	480	150	31	16,954	1,511	9	9,396	717	8
Bambasi.....	67,282	3,235	5	5,260	315	6	5,261	641	12	7,821	692	9	1,308	334	26	33,032	1,984	6	14,599	675	5
Oda Godere.....	44,157	3,179	7	2,588	284	11	2,405	324	13	4,914	637	13	355	116	33	24,137	1,867	8	9,757	778	8
Komesha.....	19,155	2,044	11	1,663	220	13	1,484	249	17	2,637	351	13	613	136	22	7,547	1,230	16	5,210	526	10
Mao Komo Special.....	23,498	1,736	7	1,637	181	11	1,630	246	15	2,703	392	15	774	151	19	11,649	1,091	9	5,105	465	9
Kemeshi Zone	143,037	3,693	3	10,604	397	4	11,352	480	4	17,700	739	4	3,719	377	10	74,480	2,255	3	25,181	599	2
Yaso.....	22,141	1,066	5	1,879	120	6	2,122	169	8	2,891	222	8	1,197	93	8	10,442	649	6	3,611	171	5
Sirba Abay.....	26,086	2,206	8	2,003	257	13	1,922	207	11	3,082	429	14	1,201	335	28	13,693	1,209	9	4,185	307	7
Kamashi.....	26,112	1,606	6	1,605	141	9	2,106	214	10	4,127	365	9	119	33	27	13,412	880	7	4,741	303	6
Agalo Meti.....	21,904	1,051	5	1,845	127	7	1,511	170	11	2,199	215	10	429	80	19	11,299	730	6	4,621	187	4
Belo Jigonfoy.....	46,793	1,987	4	3,272	203	6	3,692	291	8	5,400	366	7	773	117	15	25,634	1,377	5	8,022	330	4

Annex Table 7.10- Estimates of Beehives, Standard Errors and Coefficients of variation by Type, Zone, and Wereda

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Benshangul-Gumuz Region	166,736	9,177	6	166,499	9,178	6	89	70	78	148	148	100
Metekel Zone.....	72,491	6,788	9	72,469	6,788	9	22	20	90	-	-	-
Dangur.....	20,125	4,263	21	20,125	4,263	21	-	-	-	-	-	-
Guba.....	297	95	32	297	95	32	-	-	-	-	-	-
Wenbera.....	16,636	2,996	18	16,636	2,996	18	-	-	-	-	-	-
Mandura.....	6,872	1,083	16	6,872	1,083	16	-	-	-	-	-	-
Dibate.....	14,039	2,604	19	14,039	2,604	19	-	-	-	-	-	-
Pawe.....	1,459	355	24	1,437	356	25	22	20	90	-	-	-
Bulen.....	13,063	3,293	25	13,063	3,293	25	-	-	-	-	-	-
Asosa Zone.....	59,695	5,528	9	59,547	5,530	9	-	-	-	148	148	100
Menge.....	419	226	54	419	226	54	-	-	-	-	-	-
Kurmak.....	154	81	53	154	81	53	-	-	-	-	-	-
Asosa.....	31,834	4,520	14	31,686	4,522	14	-	-	-	148	148	100
Sherkole.....	-	-	-	-	-	-	-	-	-	-	-	-
Bambasi.....	14,151	2,545	18	14,151	2,545	18	-	-	-	-	-	-
Oda Godere.....	4,817	1,341	28	4,817	1,341	28	-	-	-	-	-	-
Komesha.....	3,003	665	22	3,003	665	22	-	-	-	-	-	-
Mao Komo Special.....	5,317	1164	22	5,317	1164	22	-	-	-	-	-	-
Kemeshi Zone	34,549	2,753	8	34,483	2,754	8	67	67	100	-	-	-
Yaso.....	6,838	972	14	6,771	972	14	67	67	100	-	-	-
Sirba Abay.....	7,291	1844	25	7,291	1844	25	-	-	-	-	-	-
Kamashi.....	422	157	37	422	157	37	-	-	-	-	-	-
Agalo Meti.....	11737	1579	13	11737	1579	13	-	-	-	-	-	-
Belo Jegonfoy.....	8,261	848	10	8,261	848	10	-	-	-	-	-	-